CATALOGUE DE L'OBSERVATOIRE DE PARIS.

# POSITIONS OBSERVÉES DES ÉTOILES.

1837-1881.

## TOME IV.

(XVIIIʰ A XXIVʰ.)

PARIS,

GAUTHIER-VILLARS,

IMPRIMEUR-LIBRAIRE DE L'OBSERVATOIRE DE PARIS,

Quai des Grands-Augustins, 55.

1902

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# POSITIONS OBSERVÉES DES ÉTOILES

CONTENUES

# DANS LE CATALOGUE DE L'OBSERVATOIRE DE PARIS.

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## QUATRIÈME PARTIE. — 18h à 24h.

Les positions sont rapportées aux époques moyennes suivantes :

I. 1845,0. — Observations faites de 1837 à 1853.
II. 1860,0. — Observations faites de 1854 à 1867.
III. 1875,0. — Observations faites de 1868 à 1881.

*Nota.* — Les positions observées des étoiles fondamentales sont données dans un Chapitre spécial.

Les abréviations dont nous avons fait le plus ordinairement usage, pour la désignation des Catalogues d'étoiles, sont les suivantes :

| | |
|---|---|
| A. | Argelander (Durchmusterung). Le nombre qui suit est celui de la zone. |
| A. O. | Argelander-Œltzen. |
| B.A.C. | Catalogue de l'Association Britannique. |
| Br. | Bradley. |
| Brux. | Catalogue de l'Observatoire de Bruxelles. |
| Gr. | Groombridge. |
| Hersc. | Herschel, Catalogue d'étoiles doubles, 1830. |
| L. | Lalande. |
| $Mn_1$ et $Mn_2$. | Munich, *Nouvelles Annales,* tome I et tome II. |
| P. | Paris. |
| $R_1$, $R_2$ et $R_3$. | Radcliffe 1845, 1860 et 1890. |
| Sf. | Schönfeld (Durchmusterung). Zones australes de Bonn. |
| Sj. | Schjellerup. |
| Str. | Struve, Catalogue de Dorpat. |
| T | Thomé (Durchmusterung). Zones australes de Cordoba. |
| $W_1$. | Weisse + 15° à — 15°. |
| $W_2$. | Weisse + 15° à + 45°. |
| YF. | Yarnall-Frisby. — Troisième édition du Catalogue de Yarnall. |

La lettre placée à la suite de chaque position observée indique l'instrument employé pour l'observation, savoir :

F. Cercle mural de Fortin.
G. Lunette de Gambey ou Cercle mural de Gambey.
M. Grand Cercle méridien.
J. Cercle méridien du jardin.

Enfin la lettre I, placée à la suite de la date, indique que l'observation a été faite au passage inférieur.

Dans la colonne *dates*, le premier nombre indique l'année, le second le mois, et le troisième le jour du mois.

Dates 1800+ — Positions moyennes pour les époques du Catal.

### 23350 P. — 33249 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | II. | |
| | | 17h 59m | 50°31′ |
| 66 | 7- 7 | 30s,81 G | 28″,9 G |
| | 7-11 | 30,78 G | 28,1 G |
| | | III. | |
| | | 18h 0m | 50°31′ |
| 81 | 7-11 | 0s,20 J | 28″,8 J |

### 23351 P. — 33208 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | II. | |
| | | 17h 59m | 76°31′ |
| 56 | 6-25 | | 29″,4 G |
| 58 | 7-18 | | 28,8 G |
| 61 | 7-26 | 19s,40 G | 30,0 G |
| | | III. | |
| | | 18h 0m | 76°31′ |
| 71 | 7- 8 | 0s,75 G | |

### 23352 P. — 33238 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | III. | |
| | | 18h 0m | 57°25′ |
| 81 | 7- 4 | 2s,17 J | 42″,9 J |

### 23353 P. — 33233 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | II. | |
| | | 17h 59m | 59°27′ |
| 66 | 7-12 | 29s,65 G | 17″,8 G |
| | | III. | |
| | | 18h 0m | 59°27′ |
| 81 | 7- 6 | 4s,07 J | 16″,6 J |

### 23354 P. — 1898 W₂

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | II. | |
| | | 17h 59m | 66°3′ |
| 61 | 7-18 | 28s,21 G | 32″,0 G |
| | | III. | |
| | | 18h 0m | 66°3′ |
| 70 | 7- 8 | 5s,27 G | |

### 23355 P. — 33226 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | II. | |
| | | 17h 59m | 66°16′ |
| 58 | 7-17 | 29s,82 G | 37″,4 G |
| | | III. | |
| | | 18h 0m | 66°16′ |
| 70 | 6-25 | 7s,02 G | 38″,1 G |

### 23356 P. — 33234 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | III. | |
| | | 18h 0m | 60°55′ |
| 70 | 7- 6 | 7s,78 G | 35″,4 G |
| 74 | 7-21 | 7,72 M | 33,8 M |

### 23357 P. — 33173 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | I. | |
| | | 17h 58m | 118°28′ |
| 39 | 7-28 | 15s,99 G | |
| | 8-13 | 16,18 G | |
| | | II. | |
| | | 17h 59m | 118°28′ |
| 59 | 6-10 | 12s,91 G | |
| 60 | 7-24 | 13,11 G | 6″,7 G |
| | | III. | |
| | | 18h 0m | 118°28′ |
| 76 | 7- 5 | 9s,96 M | 7″,1 M |
| | 7- 5 | 10,00 G | 8,0 G |
| | 8- 1 | 9,78 M | 8,4 M |
| | 8- 1 | 10,02 G | 7,1 G |

### 23358 P. — 24648 Gould.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | I. | |
| | | 17h 58m | 113°7′ |
| 46 | 5-30 | 20s,83 G | |
| | 5-31 | 20,81 G | |

### 23359 P. — 1900 W₂.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | I. | |
| | | 17h 58m | 68°21′ |
| 41 | 8-19 | 55s,91 G | |
| | 8-22 | 55,80 G | |
| | 8-24 | 55,81 G | |

### 23360 P. — 33237 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | III. | |
| | | 18h 0m | 62°26′ |
| 74 | 7-27 | 12s,97 M | 39″,3 M |
| 75 | 7-15 | 12,95 G | 37,7 G |
| | 7-31 | 12,90 G | 38,6 G |

### 23361 P. — 7781 YF.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | I. | |
| | | 17h 58m | 112°53′ |
| 48 | 5-20 | 26s,36 G | |

### 23362 P. — 2912 A + 28°.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | III. | |
| | | 18h 0m | 61°14′ |
| 70 | 7-22 | 16s,82 G | |

### 23363 P. — 33251-52 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | III. | |
| | | 18h 0m | 56°13′ |
| 68 | 7-31 | 17s,82 G | 41″,4 G |
| | 8- 1 | 17,80 G | 41,5 G |
| 69 | 7-21 | 17,88 M | 42,2 M |
| 76 | 8- 4 | 17,85 G | 41,9 G |

### 23364 P. — 33200 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | II. | |
| | | 17h 59m | 93°14′ |
| 61 | 6-14 | 34s,55 G | 49″,8 G |
| | | III. | |
| | | 18h 0m | 93°14′ |
| 79 | 7-20 | 21s,83 J | 49″,9 J |

### 23365 P. — 17670, 71 et 73 A.O.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | I. | |
| | | 17h 58m | 107°10′ |
| 41 | 6-30 | 49s,28 G | |
| | 7-16 | 49,14 G | |
| 43 | 7-26 | 49,17 G | 8″,7 F |

### 23366 P. — 33256 et 59 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | II. | |
| | | 17h 59m | 61°19′ |
| 59 | 6-13[1] | 58s,56 G | 24″,5 G |
| | | III. | |
| | | 18h 0m | 61°19′ |
| 73 | 7-15 | 33s,86 G | 24″,9 G |

[1] P augmentée de 20″, erreur de réduct.

### 23367 P. — 33296 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | III. | |
| | | 18h 0m | 43°33′ |
| 81 | 8- 2 | 36s,43 G | 57″,0 G |
| | 8- 8 | 36,24 G | 56,6 G |

### 23368 P. — 33216 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | II. | |
| | | 17h 59m | 91°46′ |
| 57 | 8-28 | | 54″,2 G |
| | | III. | |
| | | 18h 0m | 91°46′ |
| 79 | 7-27 | 36s,55 J | 53″,7 J |
| | 7-28 | 36,71 J | 53,7 J |
| | 7-29 | 36,69 J | 54,0 J |

### 23369 P. — 17669 et 72 A.O.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | I. | |
| | | 17h 58m | 112°17′ |
| 41 | 7- 3 | 48s,28 G | |

### 23370 P. — 6087 Albany [1].

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | II. | |
| | | 17h 59m | 87°21′ |
| 57 | 6- 4 | 52s,85 G | |

[1] Différence de 1ᵉ entre Albany et 6543 Sj.

### 23371 P. — 33231 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | II. | |
| | | 17h 59m | 77°39′ |
| 57 | 8-24 | | 49″,4 G |
| | 8-26 | | 47,9 G |
| 58 | 7-25 | 56s,36 G | 49,2 G |
| | | III. | |
| | | 18h 0m | 77°39′ |
| 79 | 6-29 | 38s,14 G | 48″,5 G |

### 23372 P. — 33285 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | III. | |
| | | 18h 0m | 49°55′ |
| 69 | 7-15 | 39s,19 M | 29″,0 M |
| | 7-15 | | 29,9 G |
| 75 | 7-20 | 39,41 G | 29,6 G |

### 23373 P. — 33290 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | III. | |
| | | 18h 0m | 47°8′ |
| 80 | 7-20 | 40s,71 G | 49″,6 G |
| | 8- 8 | 40,62 G | 49,8 G |
| 81 | 7- 9 | | 49,7 G |

### 23374 P. — 33188 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | I. | |
| | | 17h 58m | 117°52′ |
| 47 | 7-11[1] | 48s,97 G | |

[1] Indiquée à tort au t. VII comme se rapportant à 34 ψ² Dragon. Le cahier porte ★ $h = 13°\ 11'$, ce qui donne une distance polaire approchée de 117° 59′, laquelle correspond bien à la distance observée des fils.

### 23375 P. — 33243 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | II. | |
| | | 18h 0m | 74°25′ |
| 57 | 6- 2 | | 39″,4 G |
| 58 | 8-16 | 2s,18 G | 36,6 G |
| 62 | 8-12 | 2,13 G | 37,9 G |

### 23376 P. — 33229 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | II. | |
| | | 17h 59m | 83°35′ |
| 57 | 7-18 | 59s,72 G | 57″,4 G |
| | 7-23 | 59,66 G | |
| | 8-21 | 59,49 G | |
| 58 | 4-24 | 59,54 G | |
| 59 | 7- 2 | 59,61 G | |
| | 7-21 | 59,54 G | |

Dates 1800+ — Positions moyennes pour les époques du Catal.

### 23376 P. (suite).

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 18$^h$0$^m$ | 83°35′ |
| 71 | 8- 8[1] | 43$^s$,59 M | 57″,2 M |

[1] 𝒟 diminuée de 1′.

### 23377 P. — 33255 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 17$^h$59$^m$ | 67°47′ |
| 37 | 6- 6 | 30$^s$,27 G | |
| | 6-17 | | 30″,2 F |
| | 6-24 | 30,32 G | |
| | 7- 6 | 30,22 G | |
| | 7- 7 | 30,22 G | |
| | 7- 8 | 30,28 G | |
| | 7-10 | 30,23 G | |
| 39 | 7-13 | 30,31 G | |
| 41 | 4-29 | 30,32 G | |
| 46 | 6-14 | | 28,3 G |
| | 7- 3 | 30,12 G | |
| | 7-27 | 30,22 G | |
| | 7-28 | 30,43 G | |
| 47 | 7- 5 | | 29,4 G |
| | 8-16 | 30,33 G | |
| | 8-25 | 30,40 G | |
| 48 | 9-20 | 30,23 G | |
| | 9-21 | 30,32 G | |
| | 9-22 | 30,40 G | |
| | 9-25 | 30,22 G | |
| 53 | 8-10 | 30,38 G | |
| | | II. | |
| | | 18$^h$0$^m$ | 67°47′ |
| 58 | 7-12 | 7$^s$,98 G | 28″,0 G |
| 63 | 6- 8 | 8,06 G | |
| | 6-15 | 8,01 G | |
| | 6-17 | 8,06 G | |
| | 6-23 | 8,15 G | |
| | 6-24 | 8,13 G | |
| | 7- 9 | 8,00 G | |
| | 7-10 | 8,12 G | |
| | 7-11 | 8,17 G | |
| | 7-13 | 8,12 G | |
| | 7-28 | 8,12 G | |
| | 7-30 | 8,10 G | |
| | 8- 4 | 8,07 G | |
| | 8- 8 | 8,11 G | |
| | 8- 9 | 8,19 G | |
| | 8-13 | 8,15 G | |
| 64 | 6-13 | 8,14 G | |
| | 6-22 | 8,19 G | |
| | 6-24 | 8,16 G | |
| | 7- 4 | 8,12 G | |
| | 7- 5 | 8,04 G | |
| | 7- 6 | 8,14 G | |
| | 7-11 | 8,14 G | |
| | 7-14 | 8,17 G | |
| | 7-29 | 8,13 G | |
| | 7-30 | 8,18 G | |
| | 8- 2 | 8,20 G | |
| | 8- 3 | 8,15 G | |
| | 8- 7 | 8,09 G | |
| | 8-11 | 8,14 G | |
| | 8-16 | 8,14 G | |
| | | III. | |
| | | 18$^h$0$^m$ | 67°47′ |
| 70 | 7- 5 | 46$^s$,09 G | 28″,0 G |
| | 7-15[1] | 45,94 G | 27,4 G |
| 72 | 7- 5 | 46,08 G | |
| | 7-21 | 46,03 G | |

### 23377 P. (suite).

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 18$^h$0$^m$ | 67°47′ |
| 72 | 7-22 | 46$^s$,05 G | |
| | 8-16 | 45,94 G | |
| | 8-18 | 45,96 G | |
| | 8-19 | 46,06 G | |

[1] La correction indiquée à l'errata du Vol. des Obs. de 1870 doit être annulée ; le texte imprimé est exact.

### 23378 P. — 33240-41 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II | |
| | | 18$^h$0$^m$ | 81°7′ |
| 56 | 7- 2 | 9$^s$,25 G | |
| 57 | 6-28 | | 48″,2 G |
| | | III. | |
| | | 18$^h$0$^m$ | 81°7′ |
| 71 | 8- 9 | 52$^s$,32 M | 51″,7 M |
| | 8-10 | 52,29 M | 49,6 M |

### 23379 P. — 33267 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 18$^h$0$^m$ | 64°25′ |
| 81 | 7-17 | 54$^s$,74 J | 58″,0 J |

### 23380 P. — 33270 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 18$^h$0$^m$ | 64°19′ |
| 70 | 7-23 | 54$^s$,60 G | 36″,9 G |
| 75 | 7-12 | 54,88 M | 37,0 M |
| | 8- 9 | 54,95 M | 37,9 M |
| 76 | 7-17 | 54,77 M | 36,4 M |
| | 8- 5 | 54,79 M | 36,3 M |
| | 8- 8 | 54,74 M | 36,4 M |

### 23381 P. — 33203-04 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 17$^h$59$^m$ | 111°16′ |
| 49 | 6-27[1] | 11$^s$,62 G | |

[1] Erreur de 40′ dans la déclinaison approchée inscrite au t. VIII. Le cahier porte ★ $h = 19°52'$.

### 23382 P. — 33306 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 18$^h$1$^m$ | 47°3′ |
| 81 | 7- 3 | 0$^s$,01 G | 5″,5 G |
| | 8- 7 | 0,04 G | 5,9 G |

### 23383 P. — 2949 Cincinnati.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$0$^m$ | 109°53′ |
| 57 | 6-13 | 8$^s$,97 G | 0″,0 G |

### 23384 P. — 33242 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 17$^h$59$^m$ | 87°31′ |
| 47 | 6-12 | 33$^s$,51 G | |
| | 8-21 | 33,58 G | |
| 49 | 7- 5 | 33,75 G | |
| | 9- 7 | 33,62 G | |
| 50 | 7-30 | 33,64 G | |
| | 8-11 | 33,76 G | |
| 53 | 6-23 | 33,60 G | |
| | 8- 8 | 33,79 G | |
| | | II. | |
| | | 18$^h$0$^m$ | 87°31′ |
| 56 | 6-11 | | 54″,5 G |
| | 7- 1 | 18$^s$,77 G | |
| | 7-15 | 18,86 G | |
| | | III. | |
| | | 18$^h$1$^m$ | 87°31′ |
| 68 | 7-18 | 3$^s$,79 M | 55″,5 M |
| 69 | 6-28 | 4,06 M | 54,7 M |
| | 6-30 | 4,08 M | 54,8 M |
| | 7- 3 | 4,08 M | 55,5 M |
| | 8- 4 | 4,07 M | 57,5 M |
| 70 | 6-14 | 4,14 M | 55,1 M |
| | 6-20 | 4,08 M | 56,0 M |
| | 6-22 | 4,04 M | 55,6 M |
| | 6-25 | 4,18 M | 55,4 M |
| | 6-27 | 4,14 M | 55,4 M |
| | 7-14 | 4,07 M | 55,0 M |
| | 7-15 | 4,10 M | 55,3 M |
| | 7-16 | 4,27 M | |
| | 7-21[1] | 3,91 M | 55,8 M |
| | 7-22 | 4,15 M | 56,3 M |
| | 7-23 | 3,99 M | 56,3 M |

[1] 𝒟 diminuée de 5′.

### 23385 P. — 33215 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$0$^m$ | 108°34′ |
| 55 | 6- 5 | 13$^s$,42 G | 1″,6 G |
| 58 | 6- 4 | | 0,7 G |
| | | III. | |
| | | 18$^h$1$^m$ | 108°33′ |
| 70 | 6-21 | 6$^s$,15 M | 59″,2 M |
| 78 | 8- 3 | 6,24 G | 59,6 G |

### 23386 P. — 33289 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 18$^h$1$^m$ | 56°29′ |
| 69 | 7-17 | 6$^s$,23 M | 6″,3 M |
| 75 | 7-20 | 6,31 M | 7,2 M |
| 76 | 7-14 | 6,08 M | 5,0 M |
| | 7-19 | 6,25 M | 5,8 M |

### 23387 P. — 33308 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 18$^h$1$^m$ | 48°3′ |
| 81 | 7-28 | 6$^s$,71 G | 57″,3 G |

### 23388 P. — 33210-11 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 17$^h$59$^m$ | 111°27′ |
| 46 | 6- 2 | 21$^s$,01 G | |
| | 6- 5 | 21,06 G | |

### 23389 P. — 33291 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$0$^m$ | 57°46′ |
| 58 | 8- 2 | 37$^s$,22 G | 45″,6 G |
| | | III. | |
| | | 18$^h$1$^m$ | 57°46′ |
| 79 | 7- 9 | 10$^s$,64 G | 43″,2 G |
| | 7-15 | 10,47 G | 41,4 G |

### 23390 P. — 33257 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$0$^m$ | 83°18′ |
| 58 | 8- 1 | | 32″,6 G |
| 59 | 6-14 | 28$^s$,65 G | |
| 62 | 6-23 | 28,87 G | 31,5 G |

### 23391 P. — 33222 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 17$^h$59$^m$ | 106°25′ |
| 40 | 7-27 | 31$^s$,49 G | |
| | 7-29 | 31,27 G | |
| | 8- 1 | 31,11 G | 55″,2 F |
| | 8- 2 | 31,45 G | |
| | | II. | |
| | | 18$^h$0$^m$ | 106°25′ |
| 55 | 7-27 | 23$^s$,32 G | |
| 56 | 7-23 | | 53″,1 G |
| | | III. | |
| | | 18$^h$1$^m$ | 106°25′ |
| 79 | 7-19 | 15$^s$,32 J | 52″,7 J |

### 23392 P. — 33254 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$0$^m$ | 83°28′ |
| 56 | 7-16 | 33$^s$,44 G | 10″,6 G |
| 59 | 8- 3[1] | 33,51 G | |
| | | III. | |
| | | 18$^h$1$^m$ | 83°28′ |
| 71 | 8-11[2] | 17$^s$,47 M | 9″,7 M |

[1] Indiquée à tort au tome XV comme se rapportant à 33245 L.; le cahier-minute porte 33254 L..

[2] 𝒟 augmentée de 5′.

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜. 𝒫.)

### 23393 P. — 33286 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 18h 0m | 64°40' |
| 58 | 8- 7 | 41s,83 G | |
| | 9-10 | | 3",3 G |
| 59 | 7-26 | 41,68 G | |
| | III. | 18h 1m | 64°39' |
| 70 | 7-19 | 18s,48 G | 59",4 G |

### 23394 P. — 33262-63 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 17h 59m | 81°16' |
| 37 | 6-25 | 53s,71 G | |
| 46 | 7- 7 | 53,79 G | 51",6 G |
| | 7-21 | 53,75 G | |
| | 7-29 | 53,69 G | |
| | 7-30 | 53,68 G | |
| | 8-26 | 53,72 G | |
| 47 | 5-31 | 53,61 G | |
| 48 | 6-18 | 53,75 G | |
| 49 | 6-25 | 53,73 G | |
| | 6-26 | 53,50 G | |
| 50 | 6-22 | 53,88 G | |
| | 6-25 | 53,83 G | |
| 53 | 3-29 | 53,68 G | |
| | 9- 3 | 53,80 G | |
| | II. | 18h 0m | 81°16' |
| 57 | 7-19 | 36s,67 G | 49",3 G |
| | 7-21 | 36,69 G | 49,7 G |
| 58 | 8-28 | 36,65 G | |
| 60 | 7-30 | 36,66 G | 50,2 G |
| 62 | 6-26 | 36,63 G | 51,5 G |
| | 8- 3 | 36,63 G | |

### 23395 P. — 33235 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 17h 59m | 100°33' |
| 40 | 8-20 | | 56",5 F |
| | II. | 18h 0m | 100°33' |
| 67 | 7-29 | 32s,09 M | 53",6 M |
| | 7-30 | 31,98 M | 54,0 M |
| | III. | 18h 1m | 100°33' |
| 78 | 8- 6 | 22s,09 G | 55",2 G |

### 23396 P. — 33245-46 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 18h 0m | 97°8' |
| 56 | 8- 2 | 35s,14 G | 3",5 G |
| 57 | 7-24[1] | 35,05 G | 3,4 G |
| | III. | 18h 1m | 97°8' |
| 74 | 7-13 | 23s,75 G | 1",4 G |
| | 7-14 | 23,70 G | 3,0 G |
| | 7-21 | 23,69 G | 3,2 G |
| 77 | 7- 7 | 23,56 M | 3,1 M |

[1] Il y a inversion au t. XIII entre la distance polaire de cette étoile et celle de 33129 L.

### 23397 P. — 72 Ophiuchus.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 17h 59m | 80°27' |
| 37 | 3- 9 | 60s,23 G | |
| | 5-28 | 60,15 G | |
| | 5-29 | 60,12 G | |
| | 6-21 | 60,30 G | 11",5 F |
| | 6-26 | 60,15 G | |
| | 7- 2[1] | 60,23 G | 14,8 F |
| | 7-16 | 60,19 G | |
| | 8- 7 | 60,20 G | |
| | 8- 8 | 60,30 G | |
| | 8-22 | 60,15 G | 13,2 F |
| | 8-25 | 60,12 G | |
| | 8-27 | 60,12 G | |
| 38 | 10-10 | 60,17 G | |
| | 10-22 | 60,05 G | |
| | 10-23 | 60,14 G | 14,5 F |
| 39 | 10- 9 | 60,19 G | |
| 40 | 6-18 | 60,12 G | |
| | 8-31 | 60,03 G | |
| 41 | 5-26 | 60,21 G | |
| | 6-27 | 60,04 G | |
| | 8-27 | 59,98 G | |
| | 8-28 | 60,12 G | |
| | 8-30 | 60,07 G | |
| | 10-15 | 60,12 G | |
| 43 | 6-28 | 60,18 G | |

[1] 𝒜 diminuée de 1m.

### 23398 P. — 5447 Cambridge.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 18h 0m | 38°25' |
| 44 | 8-18 | 44s,47 G | |

### 23399 P. — 33227 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 18h 1m | 108°59' |
| 76 | 8- 2 | 27s,23 M | 29",7 M |

### 23400 P. — 33326 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 18h 1m | 44°18' |
| 80 | 7- 8 | | 24",7 G |

### 23401 P. — 376 Piazzi.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 18h 0m | 80°31' |
| 37 | 6-21 | 9s,35 G | |
| 40 | 6-18 | 9,47 G | |
| | 7-17 | | 10",4 F |
| 41 | 7- 6[1] | 9,42 G | |
| | 8-27 | 9,33 G | |
| | 8-28 | 9,42 G | |
| | 8-30 | 9,36 G | |

[1] Erreur de 9' dans la décl. approchée inscrite au t. V (distance des fils).

### 23402 P. — 33271 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 18h 1m | 86°19' |
| 73 | 8- 1 | 36s,50 M | 11",2 M |
| | 8- 2 | 36,57 M | 10,5 M |
| 75 | 7-23 | 36,60 M | 10,6 M |

### 23403 P. — 33337 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 18h 0m | 41°52' |
| 40 | 8- 8 | 51s,76 G | |
| | 8- 9 | 51,79 G | |
| | 8-14 | 51,54 G | |
| | 8-15 | 51,53 G | |
| | 8-20[1] | | 29",3 F |
| | III. | 18h 1m | 41°52' |
| 81 | 7- 2 | 39s,10 G | 27",5 G |
| | 7- 6 | 39,06 G | 27,6 G |

[1] Observation faite près du zénith sans indication de la position de l'observateur. On n'a pas tenu compte de la valeur de l'équation personnelle dans la réduction de distance polaire.

### 23404 P. — 33228 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 18h 0m | 114°0' |
| 55 | 8-17 | 44s,07 G | |
| | III. | 18h 1m | 114°0' |
| 80 | 7-10 | 38s,98 M | 19",0 M |
| 81 | 7-18 | 38,98 M | 16,7 M |
| | 7-28 | 39,30 M | 17,9 M |

### 23405 P. — 33236 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 18h 1m | 109°53' |
| 79 | 8-11 | 40s,07 J | 28",2 J |
| | 8-12 | 40,09 J | 30,9 J |
| 80 | 6-28 | 40,00 M | 28,2 M |

### 23406 P. — 33300 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 18h 1m | 65°42' |
| 58 | 7-14 | 4s,58 G | |
| | III. | 18h 1m | 65°42' |
| 70 | 7-12 | 41s,61 G | 7",4 G |
| | 7-16 | 41,67 G | 6,5 G |
| | 8- 6 | 41,70 G | |
| 73 | 7-17 | 41,60 G | 5,9 G |

### 23407 P. — 33261 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 18h 0m | 94°34' |
| 58 | 5-26 | 54s,40 G | 32",6 G |
| | III. | 18h 1m | 94°34' |
| 68 | 8- 7 | 42s,36 M | 32",5 M |
| 77 | 7-10 | 42,05 G | |
| 78 | 7- 5 | 41,94 M | 32,0 M |
| | 7-23 | 42,10 G | 31,9 G |
| | 7-31[1] | 42,10 G | 31,7 G |

[1] 𝒫 augmentée de 10" : erreur de réduct.

### 23408 P. — 33321 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 18h 1m | 74°3' |
| 59 | 7-25 | 2s,45 G | |
| | III. | 18h 1m | 74°3' |
| 79 | 8- 1 | | 41",0 G |
| | 8-12 | | 40,3 G |

### 23409 P. — 3529 A + 19°.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 18h 1m | 70°19' |
| 58 | 7-19 | 5s,50 G | |

### 23410 P. — 33299 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 18h 1m | 68°14' |
| 70 | 7-18 | 44s,53 G | 11",6 G |
| | 8- 1 | 44,44 G | 12,7 G |
| 73 | 7-18 | 44,44 G | 12,4 G |
| | 7-21 | 44,50 G | 11,7 G |
| | 7-22[1] | 44,52 G | 13,5 G |
| | 7-25 | 44,37 G | |

[1] 𝒫 diminuée de 0",6 : erreur de réduct.

### 23411 P. — 33324 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 18h 1m | 74°5' |
| 59 | 7-25 | 4s,33 G | |
| | III. | 18h 1m | 74°5' |
| 71 | 8-10 | 44s,77 G | |
| 75 | 7-26 | 44,72 M | 33",0 M |
| 76 | 7-11 | 44,72 M | 32,5 M |
| | 7-13 | 44,59 M | 31,4 M |
| 79 | 8- 1 | 44,73 G | |
| | 8-12 | 44,66 G | |
| 80 | 7- 4 | | 31,0 G |
| | 7-27 | | 28,4 G |

| Dates 1800 + A. | M. J. | Positions moyennes pour les époques du Catal. Æ. | 𝒫. |
|---|---|---|---|

**23412 P. — 33328 L.**

| A. | M. J. | Æ. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$ 1$^m$ | 74°3′ |
| 59 | 7-25 | 7$^s$,29 G | |
| | | III. | |
| | | 18$^h$ 1$^m$ | 74°3′ |
| 79 | 8-16 | 47$^s$,74 G | 27″,2 G |
| 80 | 7-27 | 47,58 G | |

**23413 P. — 3264 A + 23°.**

| A. | M. J. | Æ. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$ 1$^m$ | 66° 11′ |
| 58 | 7-17 | 10$^s$,45 G | |

**23414 P. — 33283 L.**

| A. | M. J. | Æ. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$ 1$^m$ | 83° 12′ |
| 57 | 6- 5 | 4$^s$,67 G | 23″,9 G |
| | | III. | |
| | | 18$^h$ 1$^m$ | 83° 12′ |
| 79 | 7- 4 | 48$^s$,63 G | 23″,5 G |
| 80 | 7-22 | 48,43 G | 24,6 G |

**23415 P. — 33280 L.**

| A. | M. J. | Æ. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$ 1$^m$ | 87°47′ |
| 58 | 7- 3 | 4$^s$,07 G | |
| | | III. | |
| | | 18$^h$ 1$^m$ | 87°47′ |
| 79 | 6-25 | 49$^s$,34 J | 46″,2 J |
| | 6-28 | 49,37 J | 46,9 J |

**23416 P. — 2511 Gr.**

| A. | M. J. | Æ. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18$^h$ 1$^m$ | 41°50′ |
| 40 | 8- 8 | 4$^s$,89 G | |
| | 8- 9 | 4,72 G | |
| | 8-14 | 4,69 G | |
| | 8-15 | 4,74 G | |
| | 8-20[1] | | 8″,9 F |

[1] Observation faite près du zénith sans indication de la position de l'observateur. On n'a pas tenu compte de la valeur de l'équation personnelle dans la réduction de distance polaire. — 𝒫 augm. de 2″ : erreur de moyenne.

**23417 P. — 33266 et 68 L.**

| A. | M. J. | Æ. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$ 1$^m$ | 96°40′ |
| 59 | 6- 3 | 5$^s$,42 G | 42″,1 G |
| | | III. | |
| | | 18$^h$ 1$^m$ | 96°40′ |
| 74 | 7-15 | 53$^s$,79 G | 40″,3 G |
| | 7-27 | 54,00 G | |
| | 8-21 | 53,89 G | 41,5 G |

**23418 P. — 33322 L.**

| A. | M. J. | Æ. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$ 1$^m$ | 52°14′ |
| 67 | 8-10 | | 9″,9 G |
| | | III. | |
| | | 18$^h$ 1$^m$ | 52°14′ |
| 69 | 7-19 | 54$^s$,46 M | 8″,8 M |
| 75 | 7-15 | 54,44 M | 8,7 M |
| | 7-31 | 54,63 M | 9,5 M |

**23419 P. — 33295 et 329 L.**

| A. | M. J. | Æ. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$ 1$^m$ | 77°5′ |
| 56 | 8-14 | 13$^s$,72 G | |
| 57 | 6- 6 | | 57″,9 G |
| 58 | 7-11[1] | 13,87 G | 59,3 G |

[1] 𝒫 augmentée de 1° : erreur de réduct.

**23420 P. — 17727 A.O.**

| A. | M. J. | Æ. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18$^h$ 0$^m$ | 113°35′ |
| 46 | 6- 6 | 9$^s$,60 G | |

**23421 P. — 1959 W$_2$.**

| A. | M. J. | Æ. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$ 1$^m$ | 70° 18′ |
| 57 | 7-15 | 20$^s$,77 G | |
| 59 | 6- 4 | 20,85 G | |

**23422 P. — 33278 L.**

| A. | M. J. | Æ. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$ 1$^m$ | 94°27′ |
| 57 | 8- 2 | 12$^s$,38 G | |
| 58 | 8-12 | 12,20 G | 23″,9 G |
| | 9- 8 | 12,23 G | |
| | | III. | |
| | | 18$^h$ 1$^m$ | 94°27′ |
| 69 | 7-29 | 59$^s$,70 M | 22″,2 M |
| 76 | 6-26 | | 20,2 G |
| | 6-27 | 59,98 G | |
| | 7-21 | 59,91 G | 21,0 G |
| | 8- 2 | 59,81 G | 21,2 G |

**23423 P. — 33264 L.**

| A. | M. J. | Æ. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$ 1$^m$ | 101°45′ |
| 55 | 7-20 | 10$^s$,74 G | |
| 58 | 6-12 | | 36″,4 G |
| 59 | 7- 8 | 10,65 G | 37,2 G |
| | | III. | |
| | | 18$^h$ 2$^m$ | 101°45′ |
| 68 | 7-10 | 0$^s$,85 M | 34″,7 M |
| 78 | 8- 7 | | 36,5 G |
| | 8-16 | 0,95 G | |

**23424 P. — 367 Piazzi.**

| A. | M. J. | Æ. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18$^h$ 0$^m$ | 120°44′ |
| 39 | 7- 3 | 6$^s$,42 G | |
| | 7- 5[1] | 6,32 G | 48″,6 F |
| | 7-27 | 6,19 G | |
| | 7-28 | 6,13 G | |
| | 8-13 | 6,17 G | |

[1] Æ diminuée de 1$^m$ ; erreur de transcr.

**23425 P. — 33302 et 32 L.**

| A. | M. J. | Æ. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$ 1$^m$ | 76°56′ |
| 56 | 4- 8 | | 39″,9 G |
| | 8-13 | 21$^s$,43 G | |
| 57 | 6- 7 | 21,24 G | 41,8 G |
| | 6- 8 | 21,45 G | |
| 58 | 8-13 | 21,44 G | 40,2 G |
| | 9-12 | | 40,9 G |
| | | III. | |
| | | 18$^h$ 2$^m$ | 76°56′ |
| 75 | 7-29 | 2$^s$,94 M | 39″,5 M |

**23426 P. — 33284 L.**

| A. | M. J. | Æ. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$ 1$^m$ | 91°29′ |
| 56 | 6-29 | 17$^s$,71 G | |
| 57 | 8-13 | | 55″,7 G |
| | 8-27 | | 55,6 G |
| 64 | 7-16 | 17,77 M | 56,0 M |
| | | III. | |
| | | 18$^h$ 2$^m$ | 91°29′ |
| 77 | 7-31 | 4$^s$,33 G | |
| | 8- 2 | 4,41 G | |

**23427 P. — 33312 L.**

| A. | M. J. | Æ. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$ 1$^m$ | 70°20′ |
| 57 | 7-15 | 26$^s$,22 G | 54″,5 G |
| | 7-25 | 26,05 G | 57,3 G |
| | 8-26 | | 55,5 G |
| 59 | 6- 4 | 26,07 G | |

**23428 P. — 33338 L.**

| A. | M. J. | Æ. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18$^h$ 1$^m$ | 48°36′ |
| 80 | 7-10 | 6$^s$,24 G | 49″,3 G |
| | 7-18 | 6,02 G | 49,6 G |
| | 8- 3 | 6,18 G | 49,6 G |
| 81 | 7-19 | 5,96 G | |
| | 8- 6 | 6,17 G | 49,7 G |

**23429 P. — 33325 L.**

| A. | M. J. | Æ. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$ 1$^m$ | 58° 14′ |
| 66 | 7- 9 | 38$^s$,11 G | |
| | 7-20 | 38,10 G | 15″,2 G |

**23429 P. (suite).**

| A. | M. J. | Æ. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18$^h$ 2$^m$ | 58° 14′ |
| 81 | 7- 7 | 11$^s$,79 J | 11″,8 J |
| | 7-19 | 11,78 J | 12,4 J |

**23430 P. — 33294 L.**

| A. | M. J. | Æ. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$ 1$^m$ | 89° 17′ |
| 56 | 5-23 | | 60″,5 G |
| 57 | 8- 7 | 28$^s$,82 G | 59,4 G |
| | 8-18 | 28,93 G | |
| 60 | 6-29 | 28,66 G | |
| | 7-15 | 28,64 G | |
| 62 | 6-25 | 28,93 G | 60,6 G |
| 63 | 7-16 | 28,69 M | 62,0 M |

**23431 P. — 99 *b* Hercule.**

| A. | M. J. | Æ. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18$^h$ 1$^m$ | 59°27′ |
| 39 | 7-11 | 8$^s$,65 G | 23″,5 F |
| | 7-13 | 8,72 G | |
| | 7-15 | 8,59 G | |
| | 8- 2 | 8,68 G | 26,0 F |
| 46 | 6-27 | 8,63 G | |
| | 6-28 | 8,60 G | |
| 47 | 5- 4 | 8,54 G | |
| | 6- 4[1] | 8,47 G | |
| | 7- 4 | | 22,8 G |
| | 9-18 | 8,50 G | |
| 48 | 7-10 | 8,48 G | |
| | 7-11 | 8,59 G | |
| | 7-12 | 8,42 G | |
| | 7-13 | 8,68 G | |
| | 7-14 | 8,59 G | |
| 49 | 8-15 | 8,56 G | |
| 50 | 7-30 | | 23,2 G |
| | 8-12 | 8,62 G | |
| | 9- 3 | 8,82 G | |
| 52 | 8- 6 | | 23,4 G |
| | 8-18 | 8,67 G | |
| | | II. | |
| | | 18$^h$ 1$^m$ | 59°27′ |
| 62 | 6-28 | 42$^s$,45 G | |
| 64 | 7- 8 | | 20″,2 G |
| | 7-13 | | 19,8 G |
| | 7-15 | | 21,1 G |
| | 7-18 | | 20,2 G |
| | 7-27 | | 20,7 G |
| 65 | 7-15 | | 20,4 G |

[1] Æ augmentée de 10$^s$ : err. de transcr.

**23432 P. — 33363 à 66 L.**

| A. | M. J. | Æ. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18$^h$ 2$^m$ | 40°40′ |
| 80 | 8-10 | 17$^s$,69 G | 0″,1 G |
| 81 | 7- 7 | 17,48 G | 3,3 G |
| | 7-17 | 17,73 G | 4,6 G |

### 23433 P. — 33298 L.

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 18h 1m | 87°36' |
| 57 7-27 | 33s,10 G | 21",3 G |
| 59 7- 9 | 32,98 G | 22,0 G |

### 23434 P. — 8666 Cambridge.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 18h 1m | 61°21' |
| 59 6-13 | 43s,75 G | |
| | III. | |
| | 18h 2m | 61°21' |
| 81 7-29 | 18s,67 M | 47",5 M |

### 23435 P. — 33320 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 18h 1m | 64°38' |
| 58 5-31 | 45s,38 G | 6",4 G |
| 8- 7 | 45,42 G | |
| 59 7-26 | 45,40 G | |
| | III. | |
| | 18h 2m | 64°38' |
| 70 6-27 | 21s,97 G | 4",9 G |
| 7- 6 | 21,90 G | 4,1 G |
| 74 7-18 | 21,82 M | 4,2 M |
| 8-13 | 21,80 M | 5,3 M |

### 23436 P. — 33274 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 18h 1m | 108°51' |
| 55 6- 8 | 30s,25 G | |
| | III. | |
| | 18h 2m | 108°51' |
| 79 7- 9 | 23s,23 J | 43",8 J |
| 8- 4 | 23,10 J | 44,8 J |

### 23437 P. — 33323 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 18h 2m | 65°38' |
| 70 7-20 | 27s,39 G | 10",5 G |
| 7-25 | 27,51 G | 10,6 G |
| 73 7-15 | 27,38 G | 10,3 G |

### 23438 P. — 33348 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 18h 2m | 49°39' |
| 81 7- 4 | 28s,40 G | 11",5 G |
| 7-18 | 28,20 G | 8,6 G |

### 23439 P. — 33272 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 18h 1m | 113°47' |
| 55 8-16 | 33s,95 G | |

### 23439 P. (suite.)

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 18h 2m | 113°47' |
| 79 8- 2[1] | 28s,87 M | 30",7 M |
| 80 7- 5 | 28,99 M | 30,8 M |

[1] 𝒟 augmentée de 10" : erreur de réduct.

### 23440 P. — 33287 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 18h 1m | 105°18' |
| 55 6- 9 | 41s,61 G | |
| 59 8-16 | 41,74 G | 5",3 G |
| 8-19 | 41,59 G | 6,9 G |
| | III. | |
| | 18h 2m | 105°18' |
| 78 8- 2 | 33s,09 G | |
| 8- 9 | | 2",8 G |

### 23441 P. — 33309 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 18h 1m | 88°1' |
| 58 4-24 | 48s,70 G | |
| | III. | |
| | 18h 2m | 88°1' |
| 79 6-26 | 34s,04 J | 21",6 J |
| 6-27 | 34,14 J | 20,5 J |

### 23442 P. — 33310 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 18h 2m | 87°46' |
| 74 7- 4 | 34s,96 M | 26",5 M |
| 75 7-28 | 34,72 G | 27,5 G |
| 8- 9 | 34,75 G | 26,6 G |
| 8-10 | 34,73 M | 27,9 M |
| 76 6-24 | 34,87 M | 27,2 M |
| 6-26 | 34,89 M | 26,6 M |
| 7-10 | 34,84 M | 25,6 M |
| 79 6-18 | 34,74 J | 25,5 J |

### 23443 P. — 33351 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 18h 2m | 52°12' |
| 81 7-27 | 37s,57 J | 55",3 J |
| 7-28 | 37,41 J | 55,5 J |
| 7-30 | 37,18 J | 56,5 J |
| 8- 2 | 37,59 J | 55,5 J |
| 8- 6 | | 54,8 J |

### 23444 P. — 3532 A + 13°.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 18h 2m | 76°55' |
| 71 8- 9 | 39s,28 G | |

### 23445 P. — 33339-40 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 18h 1m | 61°15' |
| 37 7- 6 | 29s,80 G | |
| 7- 7 | 29,78 G | |
| 7- 8 | 29,75 G | |
| 7-10 | 29,88 G | |
| 40 8-30 | 29,93 G | |
| 41 8-13 | 29,93 G | 17",8 F |
| 8-16 | 29,75 G | |
| 10-15 | 29,78 G | |
| 46 7-10 | 29,82 G | |
| 8-12 | | 17,9 G |
| 8-15 | 29,82 G | |
| 8-17 | 29,89 G | |
| 8-18 | 29,89 G | |
| 8-24 | 29,86 G | |
| 9-14 | 29,88 G | |
| 9-19 | 29,81 G | |
| 9-22 | 29,84 G | |
| 9-29 | 29,84 G | |
| 9-30 | 29,86 G | |
| 10- 9 | 29,83 G | 17,6 G |
| 10-10 | 29,93 G | |
| 11- 4 | 29,87 G | |
| 53 7-15 | 29,85 G | |
| 9-18 | 29,88 G | |
| 11- 4 | | 18,2 G |
| | II. | |
| | 18h 2m | 61°15' |
| 57 5-16 | 4s,76 G | |
| 58 6- 1[1] | 5,11 G | |
| 8- 6 | 4,95 G | |
| 8- 8[2] | 5,11 G | |
| 59 6-13 | 4,77 G | |
| 7- 1 | 4,90 G | 14",9 G |
| 7-16 | 4,88 G | 14,7 G |
| 9-17 | | 15,0 G |
| 60 7- 5 | 4,87 G | |
| 7- 7 | 4,61 G | |
| | III. | |
| | 18h 2m | 61°15' |
| 70 7- 8 | 39s,89 G | |
| 7-22 | 39,98 G | 11",6 G |
| 7-29 | 39,92 G | 12,2 G |

[1] 𝒜 diminuée de 0s,20 : err. de 1s sur un fil.
[2] 𝒜 diminuée de 0s,17 : suppression d'un fil erroné.

### 23446 P. — 17740 A. O.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 18h 2m | 105°34' |
| 78 8- 9 | 40s,20 G | |

### 23447 P. — 33347 et 49 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 18h 2m | 55°11' |
| 66 7-11 | 11s,37 G | 24",9 G |
| 7-21 | 11,36 G | 25,1 G |
| 7-25 | 11,41 G | 26,0 G |

### 23447 P. (suite).

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 18h 2m | 55°11' |
| 68 7-25 | | 22",6 G |
| 75 7-28 | 43s,61 M | 22,6 M |
| 76 7-26 | 43,60 M | 21,9 M |
| 81 7-18 | 43,52 J | 21,8 J |
| 8- 5 | 43,35 J | 22,8 J |

### 23448 P. -- 33301 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 18h 1m | 101°44' |
| 55 7-17 | 56s,29 G | 36",4 G |
| | III. | |
| | 18h 2m | 101°44' |
| 74 8-22 | 46s,46 G | 35",7 G |
| 75 7-20 | 46,52 G | 37,2 G |
| 7-23 | 46,43 G | 36,8 G |
| 7-29 | 46,40 G | 35,7 G |

### 23449 P. — 33341 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 18h 1m | 63°55' |
| 46 7- 3[1] | 34s,59 G | |
| 48 6-24[2] | 34,62 G | |
| 49 8-28[1] | 34,75 G | |
| 50 8-13[1] | 34,67 G | |
| | II. | |
| | 18h 2m | 63°55' |
| 58 7-15[2] | 10s,80 G | 14",8 G |
| | III. | |
| | 18h 2m | 63°55' |
| 79 6-24[3] | 47s,25 G | |
| 6-27[3] | 47,19 G | 9",5 G |

[1] Aucune indication sur la composante observée; mais les deux étoiles ayant même asc. dr., nous donnons pour cette coordonnée la moyenne de toutes les asc. dr. observées.
[2] La plus australe. [3] La 1re.

### 23450 P. — 33307 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 18h 2m | 98°47' |
| 56 8- 3 | 2s,45 G | |
| 57 7-10 | | 30",9 G |
| 58 7-30 | 2,72 G | 29,5 G |
| | III. | |
| | 18h 2m | 98°47' |
| 76 6-27 | 51s,41 M | 29",7 M |
| 7-15 | 51,47 M | 32,6 M |

### 23451 P. — 14 W1.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 18h 1m | 75°44' |
| 40 8-20 | 30s,15 G | |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜, 𝒟)

### 23451 P. (suite).

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 18h2m | 75°43' |
| 56 6-25 | | 59",5 G |

### 23452 P. — 33313-14 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 18h2m | 95°40' |
| 56 6-28 | 7s,56 G | |
| 57 6-14 | 7,53 G | 14",8 G |
| 8-10 | 7,39 G | 16,0 G |
| 8-22 | | 15,9 G |
| 59 8-6 | 7,59 G | 15,3 G |
| III. | 18h2m | 95°40' |
| 74 7-13 | 55s,68 G | 11",6 G |
| 7-14 | 55,55 G | 12,4 G |
| 7-18 | 55,58 G | 12,5 G |
| 7-21 | 55,65 G | 13,3 G |

### 23453 P. — 6252 Rümker.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 18h2m | 77°33' |
| 59 8-13 | 19s,80 G | 13",2 G |

### 23454 P. — 33381 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | 18h3m | 46°33' |
| 80 8-9 | 1s,83 G | 41",9 G |
| 81 7-21[1] | 1,64 G | 49,5 G |

[1] 𝒟 non comprise dans la moyenne.

### 23455 P. — 33373 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | 18h3m | 49°51' |
| 69 7-12 | 2s,16 M | 50",0 M |
| 75 8-10 | 1,87 G | 51,0 G |
| 8-11 | | 49,6 G |
| 76 7-17 | 1,82 G | 48,5 G |

### 23456 P. — 33353 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 18h2m | 60°11' |
| 59 8-22 | 29s,08 G | |
| III. | 18h3m | 60°11' |
| 70 7-5 | 3s,51 G | 54",8 G |
| 7-15 | 3,49 G | 55,1 G |
| 7-23 | 3,60 G | 55,4 G |

### 23457 P. — 45 W2.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | 18h3m | 61°20' |
| 81 7-7 | 4s,22 M | 52",5 M |
| 7-27 | 4,37 M | 53,1 M |

### 23458 P. — 33318 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 18h2m | 89°37' |
| 57 7-23 | 21s,67 G | 35",9 G |
| 58 8-15[1] | | 37,6 G |
| 59 7-2 | 21,62 G | |
| III. | 18h3m | 89°37' |
| 70 6-29 | 7s,69 M | 35",1 M |

[1] 𝒟 augmentée de 1' : erreur de réduc'.

### 23459 P. — 18 W2.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | 18h3m | 87°25' |
| 70 6-20 | 11s,25 M | 9",7 M |
| 6-22 | 11,12 M | 9,7 M |
| 6-27 | 11,15 M | 7,7 M |
| 7-14 | 11,05 M | 10,1 M |
| 7-15 | 11,12 M | 9,6 M |
| 7-16 | 11,10 M | |
| 7-21 | 10,90 M | 10,3 M |
| 80 6-26 | 11,17 M | 9,3 M |
| 7-8 | 11,14 M | 10,0 M |
| 7-24 | 11,13 M | 9,6 M |
| 7-27 | 11,33 M | 9,0 M |
| 81 7-13 | 11,20 M | 8,7 M |

### 23460 P. — 17753 A. O.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | 18h1m | 112°15' |
| 41 7-3 | 23s,18 G | |

### 23461 P. — 33388 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | 18h3m | 48°27' |
| 81 7-10 | 15s,79 G | 26",1 G |

### 23462 P. — 33305 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 18h2m | 115°47' |
| 59 6-10 | 24s,24 G | |
| III. | 18h3m | 115°47' |
| 79 7-15 | 20s,36 J | 5",5 J |
| 7-20 | 20,41 J | 5,5 J |

### 23463 P. — 33333 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | 18h1m | 86°1' |
| 39 8-21 | 51s,79 G | 37",2 F |
| 8-24 | 51,51 G | |
| 40 5-28 | 51,61 G | |
| 6-24 | 51,61 G | |
| 7-7 | 51,50 G | 40,4 F |

### 23463 P. (suite).

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | 18h1m | 86°1' |
| 47 5-31 | 51s,62 G | |
| 7-11 | 51,56 G | |
| 8-16 | 51,66 G | |
| 8-21 | 51,57 G | |
| 49 9-7 | 51,61 G | |
| 52 8-22 | 51,58 G | |
| II. | 18h2m | 86°1' |
| 56 4-16 | 36s,12 G | |
| 4-17 | 36,15 G | 37",2 G |
| 4-19 | 36,19 G | 37,8 G |
| 4-20 | 36,24 G | 38,6 G |
| 4-21 | 36,16 G | |
| 4-22 | 36,20 G | 37,7 G |
| 4-23 | 36,23 G | |
| 4-24 | 36,23 G | |
| 4-25 | 36,12 G | 37,9 G |
| 5-4 | 36,45 G | 37,3 G |
| 5-22 | 36,15 G | |
| 5-25 | 36,24 G | 37,5 G |
| 5-31 | 36,05 G | |
| 6-8 | 36,11 G | 38,4 G |
| 6-10 | 36,13 G | |
| 6-12 | 36,18 G | 38,0 G |
| 6-22[1] | 35,95 G | 33,2 G |
| 6-23 | 36,34 G | |
| 6-26 | 36,01 G | |
| 7-6 | 36,17 G | 37,4 G |
| 7-22 | 36,37 G | 37,6 G |
| 7-23 | 36,16 G | |
| 7-25 | 36,17 G | 38,0 G |
| 7-30 | | 38,3 G |
| 7-31 | | 37,8 G |
| 8-4 | 36,08 G | |
| 8-5 | 36,21 G | 37,2 G |
| 8-7 | | 35,2 G |
| 8-9 | 36,24 G | |
| 8-12 | 36,10 G | |
| 8-13 | | 37,2 G |
| 8-14[2] | | 38,6 G |
| 8-19 | 36,18 G | |
| 8-22 | | 37,2 G |
| 8-23 | 36,27 G | 37,9 G |
| 8-29 | 36,21 G | |
| 8-30 | 36,20 G | |
| 8-31 | 36,01 G | 38,8 G |
| 9-2 | 36,31 G | |
| 9-3 | 36,15 G | |
| 9-4 | 36,03 G | 38,7 G |
| 9-5 | 36,21 G | 38,7 G |
| 9-6 | | 37,6 G |
| 9-8 | 36,24 G | 38,8 G |
| 9-14 | 36,04 G | 37,5 G |
| 9-19 | 36,37 G | |
| 9-20 | 36,25 G | |
| 9-26 | 36,14 G | |
| 57 4-17 | 36,36 G | |
| 4-18 | 36,26 G | |
| 4-19 | 36,34 G | |
| 4-24 | 36,12 G | |
| 5-7 | 36,16 G | |
| 5-14 | 36,02 G | |
| 5-19 | 36,07 G | 36,7 G |
| 5-27 | | 37,6 G |
| 6-4 | 36,25 G | |
| 6-23 | 36,24 G | 38,3 G |
| 58 6-3 | | 35,9 G |
| 6-7 | 36,26 G | 37,1 G |
| 6-11 | | 36,7 G |

[1] 𝒟 non comprise dans la moyenne.
[2] 𝒟 augmentée de 5'.

### 23464 P. — 33316 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 18h2m | 108°30' |
| 55 6-23 | 30s,87 G | |
| 57 8-12[1] | 30,91 G | 25",4 G |
| 58 7-4 | 30,98 G | 25,2 G |
| 59 7-11 | 30,93 G | 25,1 G |
| 8-7[2] | 30,91 G | 24,7 G |

[1] 𝒟 diminuée de 1'.
[2] 𝒟 diminuée de 5'.

### 23465 P. — 33356 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | 18h2m | 69°12' |
| 41 8-19 | 7s,86 G | |
| 8-22 | 7,96 G | |
| 8-24 | 7,87 G | |
| II. | 18h2m | 69°12' |
| 62 7-3 | 46s,39 G | |
| 7-5 | 46,24 G | |
| 7-22 | 46,19 G | |
| 7-25 | 46,23 G | |
| 7-27 | 46,26 G | |
| 7-29 | 46,29 G | |
| 7-31 | 46,35 G | |
| III. | 18h3m | 69°12' |
| 81 6-26 | 24s,78 J | |
| 7-1 | | 12",4 J |
| 7-3 | 24,85 J | 13,3 J |
| 7-29 | 24,59 J | 13,1 J |

### 23466 P. — 17760 A. O.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | 18h1m | 111°13' |
| 19 6-27 | 37s,44 G | |

### 23467 P. — 33370 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | 18h3m | 69°19' |
| 79 7-27 | | 32",9 M |

### 23468 P. — 33342 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 18h2m | 83°52' |
| 57 8-21 | 44s,23 G | 25",7 G |
| 58 7-1 | 44,18 G | 25,8 G |
| 60 8-12 | 44,01 G | |
| III. | 18h3m | 83°52' |
| 69 6-30 | 28s,09 M | 22",6 M |

Dates 1800 + — Positions moyennes pour les époques du Catal.

### 23469 P. — 33374 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h2m | 59° 1' |
| 66 | 7-12 | 54s,47 G | 12",5 G |
| | | III. | |
| | | 18h3m | 59° 1' |
| 68 | 7-31 | | 8",7 G |
| | 8- 1 | 28s,48 G | 7,9 G |
| 69 | 7-22 | 28,43 M | 8,5 M |
| 77 | 7-30 | 28,49 M | 7,9 M |
| | 7-31 | 28,54 M | 7,9 M |
| | 8- 4 | 28,53 M | 7,9 M |
| 78 | 7-18 | 28,51 M | 8,7 M |
| | 7-19 | 28,50 M | 7,4 M |
| 80 | 6-26 | 28,49 G | 7,8 G |
| | 7- 5 | | 7,3 G |

### 23470 P. — 33371 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | III. | |
| | | 18h3m | 75°59' |
| 71 | 7- 5 | | 32",7 G |
| 75 | 7- 6 | 28s,62 G | 32,7 G |
| | 7-31 | 28,62 G | 33,6 G |
| | 8-11 | 28,72 M | 34,4 M |
| | 8-16 | 28,75 M | 33,3 M |

### 23471 P. — 33360 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | I. | |
| | | 18h2m | 69°58' |
| 39 | 8-13 | 12s,01 G | |
| 47 | 6-12 | 11,83 G | |
| | | II. | |
| | | 18h2m | 69°58' |
| 58 | 7-12 | 50s,?0 G | 25",2 G |
| | | III. | |
| | | 18h3m | 69°58' |
| 70 | 7-19 | 29s,31 G | 21",9 G |
| 73 | 7-25 | 29,52 G | |

### 23472 P. — 51 $W_2$[1].

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h2m | 74° 4' |
| 58 | 6- 3 | 53s,81 G | 3",5 G |
| 59 | 7-25 | 54,08 G | |

[1] La déclinaison de $W_2$ doit être dim. de 1" : erreur de réduction.

### 23473 P. — 33345 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h2m | 83°48' |
| 56 | 7- 4 | 53,45 G | 56",8 G |
| 57 | 8-21 | 53,61 G | |
| 58 | 7- 1 | 53,56 G | |
| | | III. | |
| | | 18h3m | 83°48' |
| 71 | 8- 1 | 37s,45 M | 52",9 M |
| | 8-10 | 37,56 M | 52,8 M |

### 23474 P. — 33352 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h2m | 77°36' |
| 57 | 8-24[1] | | 36",0 G |
| 59 | 8-13 | 55s,69 G | |
| | | III. | |
| | | 18h3m | 77°36' |
| 79 | 7-10 | 37s,68 G | 33",0 G |

[1] D diminuée de 3' erreur de transcript.

### 23475 P. — 33319 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h3m | 108°34' |
| 58 | 7- 4 | 49s,72 G | |
| | | III. | |
| | | 18h3m | 108°34' |
| 70 | 6-21 | 42s,59 M | 8",8 M |

### 23476 P. — 33422 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | I. | |
| | | 18h2m | 46°33' |
| 40 | 8-29 | 48s,60 G | |
| | | II. | |
| | | 18h3m | 46°33' |
| 63 | 6- 8 | 15s,69 G | |
| | 6-23 | 15,63 G | |
| | 6-24[1] | 15,64 G | |
| | 7-10 | 15,66 G | |
| | 7-11 | 15,77 G | |
| | 7-13 | 15,76 G | |
| | 7-28 | 15,73 G | |
| | 7-30 | 15,71 G | |
| | 7-31 | 15,65 G | |
| | 8- 6 | 15,68 G | |
| | 8- 8 | 15,69 G | |
| | 8-13 | 15,65 G | |
| 64 | 6-13 | 15,56 G | |
| | 6-22 | 15,55 G | |
| | 6-24 | 15,62 G | |
| | 7- 4 | 15,58 G | |
| | 7- 5 | 15,66 G | |
| | 7- 6 | 15,76 G | |
| | 7-11 | 15,72 G | |
| | 7-14 | 15,72 G | |
| | 7-29 | 15,56 G | |
| | 7-30 | 15,85 G | |
| | 8- 2 | 15,65 G | |
| | 8- 3 | 15,60 G | |
| | 8- 7 | 15,73 G | |
| | 8- 8 | 15,72 G | |
| | 8-10 | 15,65 G | |
| | 8-11 | 15,62 G | |
| | 8-16 | 15,73 G | |
| | | III. | |
| | | 18h3m | 46°33' |
| 72 | 7-21 | 42s,77 G | |
| | 7-22 | 42,71 G | |
| | 8-16 | 42,87 G | |

[1] Æ diminuée de 1m.

### 23477 P. — 33378 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | III. | |
| | | 18h3m | 65° 3' |
| 79 | 6-18 | 46s,42 G | 6",0 G |
| | 6-29 | 46,54 G | 8,5 G |
| 80 | 7- 4 | | 5,8 G |

### 23478 P. — 33334-35 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h2m | 101°2' |
| 56 | 8- 1 | 58s,43 G | 40",8 G |
| | | III. | |
| | | 18h3m | 101°2' |
| 78 | 8- 3 | 48s,69 G | 39",0 G |
| | 8- 6 | 48,51 G | 38,2 G |

### 23479 P. — 33377 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | III. | |
| | | 18h3m | 65°51' |
| 73 | 7-22 | 48s,66 G | 51",3 G |
| 75 | 7- 6 | 48,73 M | 51,0 M |
| 76 | 7- 5 | 48,63 M | 49,9 M |
| | 7-17 | 48,43 M | 50,6 M |
| | 7-19 | 48,71 M | 50,2 M |
| | 7-21 | 48,59 M | 49,2 M |
| 81 | 7-17 | 48,94 J | 50,1 J |

### 23480 P. — 33379 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | III. | |
| | | 18h3m | 65°26' |
| 70 | 8- 1 | 48s,97 G | 33",5 G |
| 73 | 7-17 | 48,96 G | 32,7 G |

### 23481 P. — 33327 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | I. | |
| | | 18h2m | 109°51' |
| 39 | 7-27 | 3s,80 G | |
| | 7-28 | 3,74 G | |
| 40 | 7-17 | 3,71 G | |
| | | II. | |
| | | 18h2m | 109°51' |
| 55 | 6-24 | 56s,99 G | |
| 60 | 6-10 | | 52",5 G |
| | 7-24 | 57,19 G | |
| | | III. | |
| | | 18h3m | 109°51' |
| 79 | 7-19 | 50s,41 J | 50",9 J |
| | 7-27 | 50,17 J | 50,8 J |
| | 7-28 | 50,26 J | 51,0 J |
| | 8-16 | 50,24 J | 48,8 J |

### 23482 P. — 33 $W_1$.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h3m | 87°38' |
| 59 | 7- 9 | 5s,73 G | 30",0 G |

### 23483 P. — 33395 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | III. | |
| | | 18h3m | 58°33' |
| 68 | 8- 7 | 52s,78 G | 33",0 G |
| 75 | 7-12 | 52,76 M | 33,0 M |
| 76 | 7-14 | 52,72 M | 31,8 M |

### 23484 P. — 63 $W_2$.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h3m | 74°2' |
| 59 | 7-25 | 12s,72 G | |

### 23485 P. — 33442 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | III. | |
| | | 18h3m | 39° 11' |
| 80 | 7-28 | 54s,10 G | 47",1 G |
| 81 | 7-27 | | 47,9 G |
| | 7-29 | 54,18 G | 47,9 G |

### 23486 P. — 33423 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | III. | |
| | | 18h3m | 50°5' |
| 81 | 7- 4 | 56s,00 J | 42",6 J |

### 23487 P. — 33410-11 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | III. | |
| | | 18h3m | 56°46' |
| 81 | 7- 6 | 57s,15 J | 47",7 J |

### 23488 P. — 33317 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h3m | 118°55' |
| 55 | 8- 5 | 4s,52 G | |
| | | III. | |
| | | 18h4m | 118°55' |
| 79 | 7-29 | 1s,56 J | 33",9 J |
| 81 | 8- 5 | 1,16 M | |

### 23489 P. — 33355 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h3m | 89°28' |
| 57 | 7-21 | 15s,41 G | 46",4 G |
| | | III. | |
| | | 18h4m | 89°28' |
| 73 | 7- 1 | 1s,37 M | 41",3 M |

### 23490 P. — 33330 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | I. | |
| | | 18h2m | 113°43' |
| 40 | 8-27 | 15s,78 G | |
| | 8-28 | 15,72 G | |
| 48 | 7- 5 | | 35",9 F |
| 49 | 9- 6 | 15,83 G | |

| Dates 1800+ A. M. J. | | Positions moyennes pour les époques du Catal. Æ | D |
|---|---|---|---|

**23491 P. — 4890 Sf. — 21°.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | II. | |
| | | 18h 3m | 111°11' |
| 63 | 6-30 | 13s,49 M | |

**23492 P. — 33357-58 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | II. | |
| | | 18h 3m | 92°59' |
| 55 | 8-13 | 21s,91 G | |
| 56 | 6-29 | | 36",5 G |
| 57 | 7-31 | 21,89 G | |
| | | III. | |
| | | 18h 4m | 92°59' |
| 76 | 7-19 | | 33",0 G |
| 78 | 7-28 | 9s,02 G | 32,8 G |
| | 7-29 | 9,19 G | 33,0 G |

**23493 P. — 33375 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | II. | |
| | | 18h 3m | 82°12' |
| 58 | 8- 1[1] | | 53",8 G |
| | | III. | |
| | | 18h 4m | 82°12' |
| 69 | 7- 3 | 15s,74 M | 32",9 M |
| 75 | 7-20 | 15,75 M | 32,3 M |
| 76 | 7-11 | 15,80 M | 32,3 M |
| | 7-13 | 15,64 M | 32,9 M |
| | 8- 4 | 15,70 G | 32,7 G |

[1] D non comprise dans le Catalogue : erreur probable de 20".

**23494 P. — 33424 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | III. | |
| | | 18h 4m | 59°33' |
| 81 | 6-24 | 23s,89 J | 19",3 J |
| | 8- 7 | 23,39 J | 17,3 J |

**23495 P. — 33376 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | II. | |
| | | 18h 3m | 86°41' |
| 56 | 7- 2 | 40s,70 G | |
| | | III. | |
| | | 18h 4m | 86°41' |
| 69 | 6-25 | 25s,63 M | 54",6 M |
| 71 | 8-11 | 25,59 M | 54,7 M |

**23496 P. — 33416 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | III. | |
| | | 18h 4m | 68°40' |
| 70 | 7-12 | 26s,76 G | 20",6 G |
| 73 | 7-15 | | 20,6 G |
| 74 | 7-21 | 26,53 M | 20,2 M |

**23497 P. — 33361 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | II. | |
| | | 18h 3m | 101°20' |
| 54 | 8-29 | 40s,46 G | |
| 60 | 7-19 | 40,49 G | 7",3 G |
| | | III. | |
| | | 18h 4m | 101°20' |
| 74 | 8-22 | 30s,56 G | 0",0 G |
| 75 | 7-15 | 30,48 G | 0,4 G |
| | 7-20 | 30,69 G | 1,4 G |
| | 7-23 | 30,57 G | 0,3 G |

**23498 P. — 33429 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | II. | |
| | | 18h 3m | 60°4' |
| 57 | 5-16 | 58s,07 G | |
| | | III. | |
| | | 18h 4m | 60°4' |
| 70 | 6-27 | 32s,69 G | 17",6 G |
| | 7- 6 | 32,57 G | |
| | 8- 6 | 32,66 G | 17,6 G |

**23499 P. — 33412 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | II. | |
| | | 18h 3m | 73°32' |
| 58 | 7-25 | 53s,62 G | 49",5 G |
| | | III. | |
| | | 18h 4m | 73°32' |
| 71 | 7-16 | 33s,81 G | |
| 75 | 7-23 | 33,92 M | 43",2 M |
| | 8- 9 | 33,91 M | 43,2 M |
| 76 | 8- 2 | 33,92 M | 43,1 M |

**23500 P. — 33390 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | II. | |
| | | 18h 3m | 82°23' |
| 57 | 6-26 | | 21",2 G |
| 58 | 8-28 | 52s,25 G | |
| | | III. | |
| | | 18h 4m | 82°23' |
| 79 | 7-13 | 35s,69 G | 16",1 G |
| 80 | 7-26 | 35,63 G | |

**23501 P. — 33454 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | III. | |
| | | 18h 4m | 45°54' |
| 81 | 7- 2 | 39s,21 G | 28",6 G |
| | 7- 6 | 39,47 G | 28,6 G |

**23502 P. — 17806 A. O.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | I. | |
| | | 18h 2m | 111°15' |
| 44 | 8-16 | 56s,35 G | |

**23503 P. — 33430 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | III. | |
| | | 18h 4m | 65°51' |
| 70 | 7-16 | 46s,19 G | 12",6 G |
| | 7-20 | 46,12 G | 12,3 G |
| | 7-25 | 46,14 G | 12,7 G |
| 73 | 7-21 | 46,15 G | 12,0 G |
| 74 | 7-18 | 46,02 M | 12,6 M |

**23504 P. — 33383-84 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | II. | |
| | | 18h 3m | 95°13' |
| 55 | 8-11 | | 54",4 G |
| | 8-14 | 59s,59 G | 53,1 G |
| 57 | 6-14 | 59,50 G | |
| 58 | 8-12 | 59,56 G | 52,5 G |
| | | III. | |
| | | 18h 4m | 95°13' |
| 74 | 7-14 | 47s,39 G | 45",9 G |
| | 7-15 | 47,49 G | 46,1 G |
| | 7-18 | 47,48 G | 46,5 G |

**23505 P. — 33457 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | III. | |
| | | 18h 4m | 47°23' |
| 76 | 8- 5 | 47s,53 G | 3",0 G |

**23506 P. — 33471 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | III. | |
| | | 18h 4m | 39°7' |
| 80 | 7-10 | 48s,36 G | 47",4 G |
| 81 | 8- 7 | 47,92 G | |

**23507 P. — 33391 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | II. | |
| | | 18h 4m | 90°41' |
| 57 | 5-31 | 4s,07 G | 1",2 G |
| | 7-31 | | 0,3 G |
| | | III. | |
| | | 18h 4m | 90°40' |
| 76 | 6-27 | 50s,27 G | 55",3 G |
| | 8- 2 | 50,31 G | 55,7 G |
| 78 | 7- 5 | 50,21 M | 56,4 M |

**23508 P. — 33405 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | III. | |
| | | 18h 4m | 88°2' |
| 75 | 7-31 | 53s,83 M | 29",8 M |
| 76 | 8- 5 | 53,66 M | 28,9 M |

**23509 P. — 33440 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | II. | |
| | | 18h 4m | 60°2' |
| 57 | 5-16[1] | 19s,08 G | |

**23509 P. (suite).**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | III. | |
| | | 18h 4m | 60°2' |
| 70 | 7- 8 | 54s,30 G | |
| | 7-18 | | 25",7 G |
| | 7-22 | 54,21 G | 25,2 G |
| 71 | 8-26 | 53,80 G | |

[1] Æ non inscrite au Cat. : fils très discordants.

**23510 P. — 33479 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | III. | |
| | | 18h 4m | 37°59' |
| 81 | 7-28 | 54s,72 G | 32",7 G |
| | 8- 2 | 54,99 G | 32,4 G |
| | 8- 5 | 55,05 G | 30,2 G |

**23511 P. — 33418 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | III. | |
| | | 18h 5m | 84°21' |
| 72 | 7- 6 | | 50",0 M |
| 75 | 7-28 | 0s,37 G | 52,2 G |

**23512 P. — 33551 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | III. | |
| | | 18h 5m | 24°17' |
| 80 | 8- 8 | 1s,07 G | 32",4 G |

**23513 P. — 33448 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | III. | |
| | | 18h 5m | 59°48' |
| 75 | 7-29 | 2s,61 M | 31",8 M |

**23514 P. — 3141 A + 30°.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | III. | |
| | | 18h 5m | 59°56' |
| 70 | 7-18 | 3s,97 G | |

**23515 P. — 33435 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | II. | |
| | | 18h 4m | 71°44' |
| 57 | 6- 8 | 27s,91 G | 15",8 G |
| 58 | 7-11 | 28,09 G | 16,5 G |
| | 8-13 | 27,88 G | 15,7 G |

**23516 P. — 33469 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | III. | |
| | | 18h 5m | 46°27' |
| 80 | 7-24 | 8s,15 G | |
| 81 | 7-11 | 8,15 G | 32",2 G |
| | 7-19 | 8,23 G | 32,4 G |
| | 8- 4 | 8,03 G | |

Dates 1800+ A. M. J. — Positions moyennes pour les époques du Catal. 𝒜. 𝒫.

**23517 P. — 33413-14 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 4m | 92°45′ |
| 57 | 7-24 | 21s,87 G | 6″,4 G |
| 58 | 9- 8 | 21,88 G | |
| | | III. | |
| | | 18h 5m | 92°45′ |
| 76 | 7-21 | 8s,76 G | 2″,8 G |
| | 7-26 | 8,82 G | 1,5 G |
| 77 | 7-31 | 8,82 G | |
| | 8- 2 | 8,74 G | |

**23518 P. — 33403 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 4m | 98°45′ |
| 58 | 5-26 | 22s,44 G | |
| 59 | 6- 3 | | 28″,5 G |
| | 7-12 | 22,48 G | 28,1 G |
| | | III. | |
| | | 18h 5m | 98°45′ |
| 74 | 7-21 | 11s,61 G | 21″,9 G |
| | 7-27 | 11,66 G | |
| | 8-21 | 11,50 G | 22,0 G |

**23519 P. — 17817-18 A. O.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h 3m | 111°1′ |
| 38 | 8- 4 | 24s,42 G | |

**23520 P. — 33421 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h 5m | 87°51′ |
| 72 | 7-16 | 12s,94 G | |
| 79 | 6-25 | 12,95 J | 34″,0 J |
| | 8- 2 | 13,00 M | 34,3 M |
| 80 | 6-26 | 13,01 M | 35,2 M |

**23521 P. — 33415 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 4m | 95°39′ |
| 57 | 6-14 | | 5″,0 G |
| | | III. | |
| | | 18h 5m | 95°39′ |
| 76 | 6-24 | 14s,86 M | 0″,8 M |
| | 6-26 | 14,79 M | 0,2 M |
| | 6-27 | 14,70 M | 0,5 M |

**23522 P. — 33438 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 4m | 71°31′ |
| 57 | 6- 2 | | 21″,1 G |
| | 6- 6 | | 18,2 G |

**23522 P. (suite).**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h 5m | 71°31′ |
| 71 | 8- 1 | 15s,54 G | |
| | 8-10 | 15,39 G | 12″,0 G |
| 79 | 8- 5 | 15,46 G | 13,0 G |

**23523 P. — 33455 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h 5m | 59°10′ |
| 74 | 7-15 | 17s,96 M | 51″,6 M |
| 76 | 7-10 | 18,09 M | 51,1 M |

**23524 P. — 33462 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h 5m | 55°46′ |
| 81 | 7-19 | 23s,64 J | 16″,9 J |
| | 7-27 | 23,86 J | 15,4 J |
| | 7-28 | 23,93 J | 15,9 J |

**23525 P. — 33487 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h 5m | 42°54′ |
| 80 | 8-10 | 26s,20 G | 2″,2 G |
| 81 | 7- 4 | 26,40 G | 3,5 G |

**23526 P. — 33439 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h 5m | 51°32′ |
| 69 | 7-19 | 29s,33 M | 53″,4 M |
| | 7-19 | | 54,3 G |
| 75 | 8-10 | 29,14 M | 56,8 M |
| 76 | 7-26 | 29,27 M | 55,4 M |

**23527 P. — 33441 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h 5m | 78°29′ |
| 71 | 7-17 | 33s,69 M | 48″,2 M |
| | 7-17 [1] | 33,50 G | 47,3 G |
| 75 | 8- 9 | 33,87 G | 48,4 G |

[1] 𝒫 diminuée de 4″,4 : erreur commune à toutes les obs. faites à deux microsc. le 17 juill. 1871.

**23528 P. — 33436 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 4m | 84°33′ |
| 56 | 7- 1 | | 19″,6 G |
| 60 | 7-15 | 51s,30 G | |
| | | III. | |
| | | 18h 5m | 84°33′ |
| 79 | 8-11 | 35s,82 G | 12″,2 G |

**23529 P. — 33472 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 5m | 53°33′ |
| 66 | 7-20 | 6s,66 G | 34″,4 G |
| | | III. | |
| | | 18h 5m | 53°33′ |
| 1 | 7-30 | 37s,82 J | 27″,5 J |
| | 8- 2 [1] | 38,17 J | 27,4 J |

[1] 𝒜 diminuée de 0s,40 : erreur de 1s sur deux fils.

**23530 P. — 33484 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 5m | 50°8′ |
| 66 | 7-25 | 18s,52 G | 37″,4 G |

**23531 P. — 33478 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 5m | 55°28′ |
| 58 | 8- 2 | 22s,01 G | 9″,5 G |
| 66 | 7-11 | 22,03 G | 7,6 G |
| | | III. | |
| | | 18h 5m | 55°27′ |
| 79 | 8-16 | 54s,36 G | 59″,5 G |

**23532 P. — 33480 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 5m | 56°2′ |
| 66 | 7-21 [1] | 23s,67 G | 59″,8 G |
| | | III. | |
| | | 18h 5m | 56°2′ |
| 81 | 7- 1 | 56s,21 J | 52″,7 J |
| | 7-18 | 56,53 J | 51,4 J |

[1] 𝒫 diminuée de 10″ : erreur de réduct.

**23533 P. — 33587 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h 5m | 25°48′ |
| 18 | 1- 11 | | 9″,7 G |

**23534 P. — 33458 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 5m | 63°21′ |
| 57 | 8- 1 | | 26″,9 G |
| 58 | 7-18 | | 27,4 G |
| | 9-10 | | 27,9 G |
| 61 | 7-18 [1] | 26s,87 | 29,6 G |
| | | III. | |
| | | 18h 6m | 63°21′ |
| 70 | 7- 5 [2] | 3s,14 G | 20″,0 G |
| | 7-15 | | 21,0 G |

**23534 P. (suite).**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h 6m | 63°21′ |
| 73 | 7-15 | 2s,97 G | 19″,2 G |
| | 7-17 | 3,14 G | 20,3 G |
| | 7-18 | 2,99 G | 18,3 G |

[1] Indiquée à tort au Tome XVII comme 33478 L. (distance des fils). Le cahier minute porte, d'ailleurs, 33458 L.

[2] Indiquée à tort au Volume des observations de 1870 comme se rapportant à 33465 L. (distance des fils). Par suite, la correction donnée page E.31 du même Volume doit être considérée comme nulle.

**23535 P. — 33465 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h 6m | 71°42′ |
| 71 | 8- 9 | | 8″,5 G |
| 75 | 8-11 | 4s,86 G | 9,0 G |

**23536 L. — 33425 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h 6m | 81°47′ |
| 72 | 7- 8 | 10s,37 M | 56″,5 M |
| 75 | 7-26 | 10,25 M | 56,7 M |

**23537 P. — 33488 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 5m | 58°46′ |
| 66 | 7- 9 | 41s,17 G | |
| | | III. | |
| | | 18h 6m | 58°46′ |
| 69 | 7-17 | 14s,97 M | 32″,4 M |
| 76 | 7-17 | 14,98 G | 30,7 G |

**23538 P. — 33433-34 L.**

13 $\mu^1$ Sagittaire.

Étoile fondamentale.

**23539 P. — 33427-28 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h 6m | 117°31′ |
| 79 | 6-27 | 19s,65 J | 59″,3 J |
| | 7-19 | 19,61 J | 60,0 J |

**23540 P. — 7843 YF.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 5m | 111°6′ |
| 57 | 8-12 | 26s,88 G | |

### 23541 P. — 33461 L.

| Dates 1800+ A. | M. J. | Positions moyennes pour les époques du Catal. Æ. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18h 5m | 87° 13′ |
| 57 | 5-27 | | 6″,2 G |
| 59 | 7- 2 | 39s,19 G | |
| | | III. | |
| | | 18h 6m | 87° 12′ |
| 70 | 6-29 | 24s,17 M | 57″,5 M |

### 23542 P. — 33443 L.

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18h 5m | 105° 37′ |
| 55 | 8-10 | | 45″,4 G |
| 59 | 8-16 | 33s,14 G | 45,9 G |
| | | III. | |
| | | 18h 6m | 105° 37′ |
| 79 | 6-26 | 24s,55 J | 40″,0 J |

### 23543 P. — 33475 L.

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18h 5m | 76° 14′ |
| 57 | 8-24 | | 22″,7 G |
| | | III. | |
| | | 18h 6m | 76° 14′ |
| 71 | 7- 5 | 27s,84 G | 13″,0 G |
| | 7-20 | 27,69 M | 13,2 M |
| | 7-20 | 27,61 G | 15,2 G |

### 23544 P. — 33483 L.

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 18h 6m | 67° 25′ |
| 70 | 7-12 | 28s,62 G | 11″,3 G |
| | 7-19 | 28,62 G | 11,2 G |
| | 7-29 | 28,68 G | 11,9 G |
| 73 | 7-21 | 28,66 G | 10,7 G |
| | 7-25 | 28,62 G | |

### 23545 P. — 33460 L.

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18h 5m | 90° 47′ |
| 56 | 8- 3 | 42s,23 G | |
| 57 | 7-10 | | 29″,4 G |
| | 8-10 | 41,98 G | 29,0 G |
| | | III. | |
| | | 18h 6m | 90° 47′ |
| 78 | 7-30 | 28s,62 G | 21″,9 G |
| | 7-31 | 28,70 G | 21,7 G |

### 23546 P. — 33533 L.

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 18h 6m | 60° 21′ |
| 81 | 7-21 | | 23″,6 J |
| | 8- 5 | 35s,21 J | 23,4 J |

### 23547 P. — 33534 L.

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 18h 6m | 60° 7′ |
| 75 | 7-28 | 35s,49 M | 1″,2 M |
| 76 | 7-17 | 35,21 M | 1,9 M |
| | 7-19 | 35,44 M | 4,0 M |

### 23548 P. — 33473 L.

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 18h 6m | 80° 31′ |
| 69 | 6-30 | 35s,53 M | 26″,2 M |
| 75 | 7-31 | 35,41 G | 26,6 G |

### 23549 P. — 33535, 46 et 47 L.

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 18h 6m | 39° 37′ |
| 80 | 8- 9 | 38s,15 G | 22″,5 G |
| 81 | 7-17 | 38,11 G | 22,2 G |
| | 7-18 [1] | 38,14 G | 21,8 G |

[1] 𝒟 diminuée de 2′ : erreur de réduction.

### 23550 P. — 33474 L.

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18h 5m | 84° 12′ |
| 58 | 7- 1 | 57s,76 G | 32″,3 G |
| | 8- 1 | | 32,1 G |
| | | III. | |
| | | 18h 6m | 84° 12′ |
| 73 | 8- 4 | 41s,82 M | 22″,8 M |

### 23551 P. — 33579 L.

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 18h 6m | 32° 2′ |
| 40 | 8- 8 | 14s,10 G | 50″,2 F |
| | 8- 9 | 14,18 G | |
| | 8-14 | 13,75 G | |
| | 8-15 | 13,90 G | |
| | | III. | |
| | | 18h 6m | 32° 2′ |
| 80 | 8- 3 | | 36″,6 G |

### 23552 P. — 33512 L.

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 18h 6m | 51° 3′ |
| 74 | 7-13 | 45s,07 M | 55″,9 M |
| | 7-14 | 45,11 M | 55,3 M |
| 75 | 6-12 | 45,19 M | 55,7 M |

### 23553 P. — 33449 L.

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 18h 4m | 111° 44′ |
| 39 | 8-24 | 57s,22 G | |

### 23554 P. — 33467-68 L.

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 18h 6m | 91° 44′ |
| 68 | 8- 7 | 46s,77 M | 58″,2 M |
| 72 | 7-16 | 46,62 M | 58,5 M |
| 78 | 7-28 | 46,55 G | |
| | 7-29 | 46,84 G | 59,1 G |

### 23555 P. — 33450 L.

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18h 6m | 77° 38′ |
| 67 | 8- 7 [1] | 6s,17 M | 16″,9 M |
| | | III. | |
| | | 18h 6m | 77° 38′ |
| 79 | 6-28 | 48s,16 G | 7″,0 G |

[1] Æ augm. de 1m : err. de transc.

### 23556 P. — 33476 L.

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18h 6m | 87° 3′ |
| 56 | 5-23 | | 6″,5 G |
| 59 | 6-14 | 3s,29 G | |
| | | III. | |
| | | 18h 6m | 87° 2′ |
| 69 | 6-25 | 48s,62 M | 57″,8 M |
| | 7- 3 | 48,41 M | 57,3 M |
| 71 | 8- 1 | 48,24 M | 57,1 M |

### 23557 P. — 33528 L.

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18h 6m | 50° 55′ |
| 66 | 7-12 | 34s,59 G | 48″,8 G |
| | | III. | |
| | | 18h 7m | 50° 55′ |
| 81 | 7- 7 | 4s,54 J | 36″,3 J |

### 23558 P. — 33494 L.

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 18h 7m | 78° 34′ |
| 71 | 7-16 | 6s,63 G | |
| 75 | 8- 9 | 6,81 M | 42″,2 M |
| | 8-11 | 6,81 M | 41,6 M |
| 76 | 7-12 | 6,91 M | 42,1 M |

### 23559 P. — 33510 L.

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18h 6m | 62° 23′ |
| 67 | 7- 8 | | 18″,8 G |
| | | III. | |
| | | 18h 7m | 62° 23′ |
| 70 | 6-27 | 9s,78 G | 8″,5 G |
| | 7- 6 | 9,75 G | 8,9 G |
| 75 | 7- 6 | 9,72 M | 9,3 M |

### 23560 P. — 33503 et 56 L.

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 18h 7m | 45° 25′ |
| 69 | 7-15 | 10s,26 M | 42″,0 M |
| | 7-15 | | 44,5 G |
| 76 | 8- 4 | 10,22 G | 42,8 G |
| 81 | 7- 2 | 10,40 G | 42,7 G |
| | 7-21 | 10,10 G | 43,5 G |

### 23561 P. — 33521 L.

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18h 6m | 56° 35′ |
| 66 | 7- 7 | 38s,03 G | 4″,2 G |
| | | III. | |
| | | 18h 7m | 56° 34′ |
| 81 | 7- 4 | 11s,28 J | 55″,0 J |
| | 7-17 | 11,04 J | 56,1 J |

### 23562 P. — 33519 L.

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 18h 6m | 58° 37′ |
| 37 | 6-19 | 4s,25 G | 47″,2 F |
| | 6-24 | 4,31 G | |
| | 8-22 | 4,25 G | |
| | 8-25 | 4,27 G | |
| | 8-27 | 4,22 G | |
| | | II. | |
| | | 18h 6m | 58° 37′ |
| 60 | 7- 5 | 37s,97 G | |
| | 7- 7 | 38,08 G | |
| 62 | 6-28 | 37,88 G | |
| | 7- 3 | 37,96 G | |
| | 7- 5 | 38,03 G | 36″,5 G |
| | 7-22 | 38,08 G | |
| | 7-25 | 37,98 G | |
| | 7-27 | 38,04 G | |
| | 7-31 | 38,06 G | |
| 63 | 6- 8 | 38,07 G | |
| | 6-17 | 37,99 G | |
| | 6-23 | 38,14 G | |
| | 6-24 | 38,08 G | |
| | 7-10 | 38,07 G | |
| | 7-11 | 38,10 G | |
| | 7-13 | 38,18 G | |
| | 7-17 | 38,05 G | |
| | 7-28 | 38,13 G | |
| | 7-30 | 38,11 G | |
| | 7-31 | 38,12 G | |
| | 8- 1 | 38,20 G | |
| | 8- 4 | 37,99 G | |
| | 8- 8 | 38,15 G | |
| | 8-10 | 37,96 G | |
| | 8-13 | 38,11 G | |
| 64 | 6-13 | 38,03 G | |
| | 6-22 | 38,16 G | |
| | 6-24 | 37,95 G | |
| | 7- 4 | 38,10 G | |
| | 7- 5 | 37,95 G | |
| | 7- 6 | 37,94 G | |
| | 7- 8 | | 37,0 G |
| | 7-11 | 38,12 G | |
| | 7-13 | | 36,7 G |
| | 7-14 | 37,99 G | |
| | 7-15 | | 37,7 G |
| | 7-18 | | 36,1 G |
| | 7-27 | | 37,4 G |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜. 𝒫.)

### 23562 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18$^{h}$6$^{m}$ | 58°37′ |
| 61 | 7-29 | 38$^{s}$,13 G | |
| | 7-30 | 38,05 G | |
| | 8- 2 | 38,02 G | |
| | 8- 3 | 38,06 G | |
| | 8- 7 | 38,09 G | |
| | 8- 8 | 38,04 G | |
| | 8-10 | 38,12 G | |
| | 8-11 | 38,18 G | |
| | 8-16 | 38,16 G | |
| 65 | 7- 4 | | 37,4 G |
| | 7-15 | | 37,7 G |
| 67 | 8-10 | | 36,1 G |
| | | III. | |
| | | 18$^{h}$7$^{m}$ | 58°37′ |
| 68 | 7-25 | | 28″,4 G |
| 72 | 7- 1 | 12$^{s}$,00 G | |
| | 7- 9 | 11,98 G | |
| | 7-20 | 11,84 G | |
| | 7-21 | 11,84 G | |
| | 7-22 | 11,91 G | |
| | 8-16 | 11,98 G | |
| | 8-18 | 11,94 G | |
| | 8-19 | 11,92 G | |
| | 8-20 | 11,93 G | |

### 23563 P. — 33570 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18$^{h}$7$^{m}$ | 60°18′ |
| 75 | 7-20 | 15$^{s}$,88 M | 46″,7 M |
| | 8-16 | 15,85 M | 46,5 M |

### 23564 P. — 33493 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18$^{h}$6$^{m}$ | 89°20′ |
| 59 | 7- 9 | 35$^{s}$,53 G | 57″,4 G |
| | | III. | |
| | | 18$^{h}$7$^{m}$ | 89°20′ |
| 73 | 8- 2 | 21$^{s}$,14 M | 49″,1 M |

### 23565 P. — 33509 et 62 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18$^{h}$7$^{m}$ | 45°15′ |
| 80 | 7-10 | 21$^{s}$,21 G | |
| 81 | 8- 8 | 21,31 G | 29″,1 G |

### 23566 P. — 33558 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18$^{h}$7$^{m}$ | 52°8′ |
| 81 | 7-29 | 32$^{s}$,19 J | 29″,5 J |

### 23567 P. — 33477 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18$^{h}$5$^{m}$ | 110°54′ |
| 40 | 8-30 | 46$^{s}$,90 G | |

### 23568 P. — 33498 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18$^{h}$6$^{m}$ | 87°38′ |
| 58 | 7- 2 | | 27″,5 G |
| 60 | 6-10 | | 28,4 G |
| | 7-19 | 49$^{s}$,55 G | 29,4 G |
| | | III. | |
| | | 18$^{h}$7$^{m}$ | 87°38′ |
| 79 | 6-25 | 34$^{s}$,92 J | 18″,1 J |
| | 7-28 | 35,00 J | 19,4 J |

### 23569 P. — 33505 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18$^{h}$6$^{m}$ | 78°9′ |
| 58 | 7-25 | 54$^{s}$,35 G | 0″,8 G |
| | | III. | |
| | | 18$^{h}$7$^{m}$ | 78°8′ |
| 80 | 7-22 | 36$^{s}$,15 G | 51″,8 G |

### 23570 P. — 33522-23 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18$^{h}$7$^{m}$ | 67°12′ |
| 58 | 7-15 | 0$^{s}$,33 G | 26″,3 G |
| | 9-10 | | 27,4 G |
| | | III. | |
| | | 18$^{h}$7$^{m}$ | 67°12′ |
| 70 | 7-16 | 37$^{s}$,96 G | 18″,0 G |
| | 7-18 | 37,91 G | 16,6 G |
| | 7-20 | 37,93 G | 18,4 G |
| | 8- 1 | 37,95 G | 18,3 G |
| | 8- 6 | 37,96 G | 18,6 G |
| 74 | 8-13 | 37,92 M | 18,3 M |

### 23571 P. — 33513 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18$^{h}$7$^{m}$ | 108°35′ |
| 78 | 8- 9 | 40$^{s}$,28 G | 1″,7 G |

### 23572 P. — 33514 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II | |
| | | 18$^{h}$7$^{m}$ | 73°45′ |
| 58 | 8-13 | 0$^{s}$,09 G | 34″,3 G |
| | | III. | |
| | | 18$^{h}$7$^{m}$ | 73°45′ |
| 79 | 6-24 | 40$^{s}$,35 G | |
| | 6-29 | 40,54 G | 27″,5 G |

### 23573 P. — 33526 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18$^{h}$7$^{m}$ | 69°42′ |
| 70 | 7-22 | 45$^{s}$,01 G | 18″,7 G |
| | 7-25 | 44,97 G | 19,6 G |
| 73 | 7-17 | 44,88 G | 17,2 G |

### 23574 P. — 33481 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18$^{h}$5$^{m}$ | 110°46′ |
| 39 | 7- 3 | 58$^{s}$,31 G | |
| | 7- 5 | | 6″,1 F |
| | 8-13 | 58,10 G | |
| 40 | 6-24 | 58,14 G | |
| | 7-17 | 58,11 G | 6,4 F |
| | 8-20 | 58,09 G | |
| | 8-30 | 58,23 G | |
| 41 | 8-13 | 58,03 G | |
| | 8-14 | 58,04 G | |
| 44 | 6-29 | 58,14 G | |
| 46 | 5-14 | 58,38 G | |

### 23575 P. — 33504 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18$^{h}$7$^{m}$ | 79°12′ |
| 57 | 8-26 | | 33″,3 G |
| 59 | 8-13 | 3$^{s}$,70 G | |
| | | III. | |
| | | 18$^{h}$7$^{m}$ | 79°12′ |
| 71 | 8-28 | 45$^{s}$,80 G | |
| 75 | 7-28 | 46,18 G | 23″,7 G |
| 76 | 7-21 | 46,10 M | 23,2 M |

### 23576 P. — 33482 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18$^{h}$5$^{m}$ | 110°25′ |
| 39 | 8-21 | 59$^{s}$,70 G | 43″,1 F |
| 40 | 8-31 | 59,54 G | |

### 23577 P. — 33490-91 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18$^{h}$6$^{m}$ | 105°25′ |
| 54 | 8-29 | 55$^{s}$,63 G | |
| | | III. | |
| | | 18$^{h}$7$^{m}$ | 105°25′ |
| 78 | 8- 2 | 47$^{s}$,37 G | 8″,6 G |
| | 8- 3 | 47,55 G | 9,7 G |
| | 8- 6 | 47,39 G | 10,8 G |
| | 8- 7 | 47,57 G | 9,2 G |

### 23578 P. — 33539 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18$^{h}$7$^{m}$ | 64°22′ |
| 81 | 6-24 | 49$^{s}$,19 J | 58″,2 J |

### 23579 P. — 33499 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18$^{h}$7$^{m}$ | 95°36′ |
| 55 | 8-14 | 1$^{s}$,30 G | 41″,6 G |
| | | III. | |
| | | 18$^{h}$7$^{m}$ | 95°36′ |
| 74 | 7-21 | 49$^{s}$,27 G | 33″,0 G |
| | 8-21 | 49,27 G | 32,0 G |

### 23580 P. — 33520 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18$^{h}$7$^{m}$ | 76°23′ |
| 57 | 6- 2 | | 36″,5 G |
| | | III. | |
| | | 18$^{h}$7$^{m}$ | 76°23′ |
| 79 | 6-18 | 50$^{s}$,82 G | 21″,5 G |

### 23581 P. — 33577 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18$^{h}$7$^{m}$ | 48°53′ |
| 80 | 7-15 | 54$^{s}$,86 G | 39″,7 G |

### 23582 P. — 33525 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18$^{h}$7$^{m}$ | 109°1′ |
| 75 | 7-31 | 55$^{s}$,05 M | 41″,1 M |
| 76 | 7-14 | 54,96 M | 40,4 M |
| | 8- 2 | 55,00 M | 39,4 M |

### 23583 P. — 33511 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18$^{h}$7$^{m}$ | 85°48′ |
| 63 | 7- 8 | 12$^{s}$,06 M | |
| | | III. | |
| | | 18$^{h}$7$^{m}$ | 85°48′ |
| 79 | 8-11 | 56$^{s}$,47 J | 18″,3 J |

### 23584 P. — 33620 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18$^{h}$7$^{m}$ | 35°45′ |
| 40 | 8-31 [1] | | 29″,6 F |

[1] Observation faite près du zénith sans indication de la position de l'observateur. On n'a pas tenu compte de la valeur de l'équation personnelle dans la réduction de distance polaire.

### 23585 P. — 33543 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18$^{h}$7$^{m}$ | 68°9′ |
| 58 | 5-31 | | 24″,5 G |
| | | III. | |
| | | 18$^{h}$7$^{m}$ | 68°9′ |
| 70 | 7-15 | 58$^{s}$,67 G | 12″,0 G |
| 73 | 7-18 | 58,72 G | 12,1 G |
| 74 | 7-21 | 58,62 M | 13,0 M |

### 23586 P. — 33555 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18$^{h}$8$^{m}$ | 64°44′ |
| 76 | 8- 5 | 0$^{s}$,38 G | 32″,8 G |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. ($\mathcal{A}$, $\mathcal{P}$)

**23587 P. — 33506-07 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 18h 7m | 92°38′ |
| 57 | 7-13 | 17s,82 G | |
| | 8-31 | 17,71 G | 26″,8 G |
| 58 | 5-26 | 17,78 G | |
| | 8-28[1] | 17,89 G | |
| 59 | 7-12 | 17,76 G | 25,9 G |
| | | III. | |
| | | 18h 8m | 92°38′ |
| 76 | 7-26 | 4s,74 G | 15″,0 G |
| | 8- 2 | 4,86 G | 15,6 G |
| 77 | 7-31 | 4,87 G | |
| | 8- 2 | 4,79 G | |

[1] Indiquée à tort au tome XIV comme 33502 L. (distance des fils).

**23588 P. — 33576 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | III. | |
| | | 18h 8m | 54°28′ |
| 68 | 8- 7 | 4s,96 G | 4″,6 G |
| 69 | 7-22 | 4,87 M | 5,7 M |

**23589 P. — 33563 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | III. | |
| | | 18h 8m | 61°47′ |
| 81 | 7-19 | 7s,58 J | |

**23590 P. — 33515 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 18h 7m | 89°51′ |
| 56 | 7-15 | 23s,74 G | |
| 57 | 6-28 | | 36″,7 G |
| 63 | 8- 8[1] | 23,64 M | 37,3 M |

[1] $\mathcal{P}$ diminuée de 1′ : erreur de transcript.

**23591 P. — 33501 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | III. | |
| | | 18h 8m | 102°32′ |
| 68 | 7-10 | 10s,60 M | 10″,4 M |
| 76 | 7-26 | 10,86 M | 11,6 M |

**23592 P. — 33583 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | III. | |
| | | 18h 8m | 52°22′ |
| 69 | 7-19 | 11s,42 M | 17″,3 M |
| | 7-19 | | 15,9 G |
| 76 | 7-13 | 11,27 M | 16,3 M |
| | 8- 5 | 11,51 M | 17,9 M |

**23593 P. — 33538 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | III. | |
| | | 18h 8m | 76°33′ |
| 71 | 8- 1 | 11s,70 G | |

**23594 P. — 8740 Cambridge.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | III. | |
| | | 18h 8m | 63°32′ |
| 70 | 7-12 | 14s,27 G | |

**23595 P. — 33517-18 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | III. | |
| | | 18h 8m | 92°32′ |
| 79 | 8- 2 | 16s,31 M | 39″,1 M |

**23596 P. — 33531 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 18h 7m | 84°7′ |
| 58 | 7- 1[1] | 34s,94 G | 49″,4 G |

[1] $\mathcal{A}$ augmentée de 1s : erreur de moy.

**23597 P. — 6158 Albany.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 18h 7m | 86°21′ |
| 58 | 4-24 | 34s,23 G | |

**23598 P. — 33557 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 18h 7m | 73°37′ |
| 57 | 8-24 | | 10″,2 G |
| 58 | 6- 3 | | 11,0 G |
| | 7-11 | 40s,51 G | 9,9 G |
| | | III. | |
| | | 18h 8m | 73°37′ |
| 71 | 7-17 | 20s,50 M | 2″,2 M |
| | 7-17[1] | 20,31 G | 1,3 G |

[1] $\mathcal{P}$ diminuée de 4″,4. (*Voir* 23527 P.)

**23599 P. — 33572 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | III. | |
| | | 18h 8m | 63°47′ |
| 70 | 7-29 | 24s,63 G | |
| 73 | 7-25 | 24,75 G | |

**23600 P. — 33592 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | III. | |
| | | 18h 8m | 51°26′ |
| 68 | 7-31 | 25s,83 G | |
| | 8- 1 | 25,96 G | |

**23601 P. — 148 $W_1$.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 18h 7m | 84°5′ |
| 58 | 7- 1 | 41s,94 G | |

**23602 P. — 4869 Sf. — 18°.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | III. | |
| | | 18h 8m | 108°28′ |
| 70 | 6-22 | 35s,10 M | 14″,3 M |

**23603 P. — 33571 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 18h 7m | 69°45′ |
| 59 | 6-13 | 57s,68 G | 37″,3 G |
| | | III. | |
| | | 18h 8m | 69°45′ |
| 70 | 7- 5 | 36s,46 G | 27″,3 G |
| | 7-19 | 36,36 G | 26,2 G |

**23604 P. — 33554 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 18h 7m | 86°21′ |
| 57 | 6- 4 | 54s,03 G | |
| | 7-21 | 54,15 G | 56″,2 G |
| 58 | 4-24 | 54,11 G | |
| | 6- 7 | 54,06 G | 54,1 G |
| 59 | 7- 2 | 54,26 G | |

**23605 P. — 33581 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | III. | |
| | | 18h 8m | 64°26′ |
| 74 | 7-18 | 39s,04 M | 51″,3 M |
| 75 | 7-29 | 39,22 M | 50,6 M |

**23606 P. — 147 $W_1$.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | I. | |
| | | 18h 7m | 98°31′ |
| 52 | 6-29[1] | 4s,29 G | |

[1] $\mathcal{A}$ diminuée de 17s,48 : erreur d'un rang dans l'indication du fil observé.

**23607 P. — 33530 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | III. | |
| | | 18h 8m | 104°57′ |
| 70 | 7-21 | 53s,68 M | 42″,8 M |
| 76 | 7-17 | 53,34 G | 41,5 G |

**23608 P. — 33552 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 18h 8m | 95°30′ |
| 55 | 8-11 | | 52″,5 G |
| 56 | 6-28 | 6s,14 G | |
| 57 | 6-14 | 5,93 G | 52,8 G |

**23609 P. — 33616 et 18 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 18h 8m | 51°15′ |
| 66 | 7-11 | 24s,76 G | 47″,0 G |
| | 7-20 | 24,61 G | 48,3 G |
| 67 | 8-12 | 24,72 G | 47,7 G |
| | | III. | |
| | | 18h 8m | 51°15′ |
| 68 | 8-13 | | 36″,1 G |
| 75 | 8-10 | 54s,53 M | 36,6 M |

**23610 P. — 33516 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 18h 8m | 113°56′ |
| 58 | 8- 4 | 0s,95 G | 33″,3 G |
| | | III. | |
| | | 18h 8m | 113°56′ |
| 79 | 6-27 | 56s,02 J | 22″,6 J |

**23611 P. — 4875 Sf. — 18°.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 18h 8m | 108°29′ |
| 55 | 7-17 | 3s,35 G | |

**23612 P. — 223 $W_2$.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 18h 8m | 70°9′ |
| 56 | 7- 6 | | 32″,1 G |

**23613 P. — 7872 YF.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 18h 8m | 109°0′ |
| 58 | 7- 4 | 10s,89 G | |
| | | III. | |
| | | 18h 9m | 109°0′ |
| 70 | 6-21 | 4s,03 M | 41″,0 M |
| | 6-27 | 3,95 M | 38,6 M |
| | 7-14 | 4,11 M | 41,2 M |
| 80 | 6-26 | 3,85 M | 39,9 M |
| | 7- 8 | 4,10 M | 41,0 M |

**23614 P. — 7650 Lacaille.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | I. | |
| | | 18h 7m | 117°45′ |
| 41 | 8-24 | 12s,43 G | |

**23615 P. — 33548 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 18h 8m | 104°41′ |
| 55 | 7- 6 | | 10″,6 G |

Dates 1800 + / Positions moyennes pour les époques du Catal.

### 23615 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | | |
| | | 18h 9m | 104° 40' |
| 70 | 7-25 | 7s,41 M | 59",6 M |
| 75 | 7-31 | 7,29 G | 60,0 G |

### 23616 P. — 33567 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | | |
| | | 18h 9m | 89° 49' |
| 71 | 8- 7 | 7s,82 M | 28",2 M |
| | 8- 8 | 7,86 M | |
| | 8- 9 | 7,83 M | 26,2 M |
| | 8-10 | 7,98 M | 24,1 M |

### 23617 P. — 33532 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | | |
| | | 18h 7m | 110° 35' |
| 39 | 7-11 | | 21",6 F |
| | 7-28 | 21s,39 G | |
| | 8- 2 | 21,27 G | |
| | 8-13 | 21,31 G | |
| 40 | 8- 4 | | 20,1 F |
| 46 | 7- 2[1] | | 20,2 G |
| | 7-23 | 21,34 G | |
| | 8-21 | 21,31 G | |
| 47 | 5-31 | 21,23 G | |
| | 6-28 | 21,29 G | |
| | 8-21 | 21,19 G | |
| | 8-30 | 21,34 G | |
| 48 | 6-24 | 21,34 G | |
| | 7-10 | 21,40 G | |
| | 7-11 | 21,43 G | 18,6 G |
| | 7-12 | 21,20 G | |
| | 7-14 | 21,32 G | |
| 49 | 8-15 | 21,38 G | |
| 51 | 8-20 | 21,26 G | |
| 52 | 8-18 | 21,61 G | |
| 53 | 6-21 | | 21,4 G |
| | 9- 3 | 21,38 G | |
| | II. | | |
| | | 18h 8m | 110° 35' |
| 59 | 6-10 | 14s,85 G | |
| | III. | | |
| | | 18h 9m | 110° 34' |
| 79 | 6-18 | 8s,66 J | 59",6 J |
| | 6-26 | 8,58 J | 59,9 J |
| | 8- 4 | 8,45 J | 59,5 J |

[1] 𝒫 augmentée de 45' : erreur de transcr. Le cahier-minute note : 17 Sagittaire.

### 23618 P. — $\eta_1$ Sagittaire.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | | |
| | | 18h 7m | 126° 48' |
| 40 | 8- 1 | 8s,41 G | |

### 23619 P. — 33575 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | | |
| | | 18h 8m | 86° 32' |
| 57 | 7-27 | 26s,20 G | 16",0 G |
| 60 | 6-29 | 25,95 G | |
| | 7-15 | 26,11 G | |
| 62 | 6-26[1] | 26,12 G | 16,7 G |

### 23619 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | | |
| | | 18h 9m | 86° 32' |
| 69 | 7- 3 | 11s,05 M | 4",9 M |

[1] 𝒫 augmentée de 1'.

### 23620 P. — 33607 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | | |
| | | 18h 8m | 61° 49' |
| 57 | 8- 1 | | 14",3 G |
| 59 | 7-15 | 37s,68 G | |
| | III. | | |
| | | 18h 9m | 61° 49' |
| 70 | 7- 8 | 13s,17 G | |
| 75 | 7-26 | 13,16 M | 3",9 M |
| 76 | 8- 8 | 13,10 M | 3,5 M |

### 23621 P. — 15776 $Mn_1$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | | |
| | | 18h 8m | 86° 26' |
| 62 | 6-26[1] | | 52",3 G |

[1] 𝒫 augmentée de 1' : erreur commise également sur l'observation de 33575 L. observée micrométriquement dans la même position de l'instrument.

### 23622 P. — 33584 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | | |
| | | 18h 8m | 83° 9' |
| 56 | 7-16 | 31s,98 G | |
| 57 | 5-19 | 31,93 G | |
| | III. | | |
| | | 18h 9m | 83° 9' |
| 73 | 8- 1 | 15s,70 M | |

### 23623 P. — 17956 à 59 A.O.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | | |
| | | 18h 8m | 108° 50' |
| 58 | 8-12[1] | 23s,74 G | |

[1] La décl. approchée inscrite au t. XIV doit être changée de signe : erreur d'impression. — 𝒜 diminuée de 1s : erreur de réduction.

### 23624 P. — 33595 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | | |
| | | 18h 8m | 70° 59' |
| 56 | 6-25 | | 29",7 G |
| | 8-14 | 37s,79 G | |
| | III. | | |
| | | 18h 9m | 70° 59' |
| 71 | 7- 5 | 16s,86 G | 16",4 G |

### 23625 P. — 33606 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | | |
| | | 18h 8m | 65° 53' |
| 58 | 7-17 | 42s,43 G | 58",6 G |
| 59 | 7-26 | 42,42 G | |
| | 8-22 | 42,35 G | |
| | III. | | |
| | | 18h 9m | 65° 53' |
| 70 | 6-27 | 19s,71 G | 48",0 G |

### 23626 P. — 33565 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | | |
| | | 18h 8m | 99° 51' |
| 57 | 5-31 | 32s,33 G | 3",9 G |
| | 7-20 | 32,33 G | 6,4 G |
| | 8-10 | 32,12 G | 4,9 G |
| | III. | | |
| | | 18h 9m | 99° 50' |
| 69 | 7-29 | 21s,90 M | 52",7 M |
| | 8- 4 | 21,84 M | 52,4 M |
| 74 | 7-21 | 21,91 G | 53,7 G |
| | 8-21 | 21,96 G | 53,2 G |

### 23627 P. — 33623 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | | |
| | | 18h 8m | 58° 30' |
| 66 | 7-21[1] | 49s,20 G | 2",8 G |
| | III. | | |
| | | 18h 9m | 58° 29' |
| 81 | 7-21 | 23s,03 J | 50",8 J |

[1] 𝒫 augmentée de 10" : erreur de réduct.

### 23628 P. — 166 $W_1$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | | |
| | | 18h 9m | 93° 39' |
| 76 | 7-15 | 23s,07 M | 23",8 M |

### 23629 P. — 33972 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | | |
| | | 18h 11m | 10° 1' |
| 40 | 8- 5 | | 35",5 F |
| 46 | 6-27 | | 34,6 G |
| | 7-26 | | 37,0 G |
| 49 | 7-13 | 37s,28 G | |
| 53 | 2-21 I | 37,57 G | |
| | 3-19 I | 37,92 G | |
| | 6- 5 | 36,89 G | |
| | 7-10 | 38,40 G | |
| | 7-15 | 36,71 G | |
| | 7-19 | 37,66 G | |
| | 7-20 | 38,17 G | |
| | 7-21 | 37,19 G | |
| | II. | | |
| | | 18h 10m | 10° 1' |
| 54 | 1-20 I | 30s,57 G | |
| | 1-22 I | 30,25 G | |
| | 1-27 I | 30,48 G | |
| 64 | 7-13 | | 19",9 G |
| | 7-15 | | 20,4 G |
| | 7-18 | | 19,5 G |

### 23630 P. — 9686 Hels.-Gotha.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | | |
| | | 18h 9m | 28° 51' |
| 40 | 8- 9 | 5s,66 G | |

### 23631 P. — 173 $W_1$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | | |
| | | 18h 8m | 87° 36' |
| 58 | 7- 3 | 41s,04 G | |

### 23632 P. — 33977 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | | |
| | | 18h 11m | 10° 1' |
| 40 | 8- 5[1] | | 24",5 F |
| 47 | 6-28 | 43s,73 G | |
| 49 | 7-13 | 43,90 G | |
| 53 | 1-15 I | 43,23 G | |
| | 2-21 I | 43,61 G | |
| | 3-19 I | 44,32 G | |
| | 6- 5 | 43,26 G | |
| | 7-10 | 44,11 G | |
| | 7-15 | 43,71 G | |
| | 7-19 | 44,04 G | |
| | 7-20 | 43,85 G | |
| | 7-21 | 43,95 G | |
| | II. | | |
| | | 18h 10m | 10° 1' |
| 54 | 1-20 I | 36s,52 G | |
| | 1-22 I | 36,65 G | |
| | 1-27 I | 36,76 G | |
| 64 | 7- 8 | | 7",8 G |
| | 7-13 | | 7,8 G |
| | 7-15 | | 9,5 G |
| | 7-18 | | 8,2 G |
| | 7-27 | | 7,8 G |

[1] 𝒫 diminuée de 10" : erreur de moy.

### 23633 P. — 3425 A + 16°.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | | |
| | | 18h 8m | 73° 36' |
| 58 | 6- 3 | 48s,86 G | 16",4 G |

### 23634 P. — 33688 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | | |
| | | 18h 9m | 37° 18' |
| 81 | 8- 2 | 29s,73 G | 48",2 G |

### 23635 P. — 33600 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | | |
| | | 18h 8m | 73° 46' |
| 57 | 7-30 | 49s,39 G | 42",1 G |
| 61 | 7-18 | 49,47 G | 43,9 G |

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|---|---|---|

**23636 P. — 33597 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h 8m | 78°50′ |
| 57 6- 6 | | 14″,9 G |
| 8- 5 | | 12,6 G |
| 61 7-26 | 50s,96 G | 14,4 G |
| | III. | |
| | 18h 9m | 78°50′ |
| 71 8- 9 | 32s,97 G | 3″,6 G |

**23637 P. — 33566 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h 8m | 106°33′ |
| 67 7-30 | 43s,91 M | 40″,7 M |
| | III. | |
| | 18h 9m | 106°33′ |
| 70 6-14 | 35s,86 M | 27″,9 M |
| 7-16 | 35,82 M | 27,2 M |

**23638 P. — 33564 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h 8m | 109°0′ |
| 58 7- 4[1] | 44s,03 G | |
| 59 8-16 | 44,17 G | 42″,4 G |
| | III. | |
| | 18h 9m | 109°0′ |
| 70 6-25 | 36s,92 M | 30″,0 M |

[1] 𝒜 augmentée de 0s,40 : erreur de 2s sur un fil.

**23639 P. — 33711 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 18h 9m | 29°37′ |
| 40 8-15 | 15s,14 G | |

**23640 P. — 17970 A.O.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h 8m | 109°7′ |
| 58 7- 4[1] | | 10″,3 G |

[1] 𝒫 augmentée de 1° : erreur de réduct.

**23641 P. — 33666 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 18h 9m | 46°42′ |
| 81 7-16 | 42s,54 G | 6″,8 G |

**23642 L. — 33644 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h 9m | 56°15′ |
| 66 7-25 | 10s,66 G | 12″,0 G |

**23643 P. — 178 W$_1$.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h 9m | 82°59′ |
| 57 5-27 | | 27″,7 G |

**23644 P. — 33596 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h 9m | 87°39′ |
| 56 7- 3 | 2s,98 G | |
| 58 7- 3 | 3,08 G | 50″,1 G |
| 8-15 | | 50,6 G |
| 9-13 | | 50,8 G |
| 59 6-14 | 3,02 G | |
| 7- 9 | 3,13 G | 48,3 G |

**23645 P. — 15793 Mn$_1$.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h 9m | 84°6′ |
| 61 6-30 | 5s,17 G | |

**23646 P. — 33608 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h 9m | 78°56′ |
| 57 5- 7 | 8s,03 G | |
| | III. | |
| | 18h 9m | 78°56′ |
| 79 8-16 | | 6″,2 G |
| 80 7-26 | 50s,18 G | |
| 7-27 | 50,23 G | 9,7 G |
| 81 7- 2 | 50,07 M | 7,2 M |

**23647 P. — 33640 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h 9m | 60°49′ |
| 58 6-30 | | 25″,7 G |
| 7-14 | 17s,85 G | |
| 8- 7 | 18,06 G | |
| 59 9-17 | | 26,6 G |
| | III. | |
| | 18h 9m | 60°49′ |
| 70 7-16 | 52s,93 G | 16″,2 G |
| 7-18 | 52,87 G | 15,6 G |
| 8- 6 | 52,77 G | 16,3 G |

**23648 P. — 7886 YF.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 18h 8m | 107°25′ |
| 37 6-21 | 10s,51 G | 12″,7 F |
| 6-22 | 10,50 G | |
| 6-23 | 10,28 G | |
| 40 8-20[1] | 10,76 G | |

[1] Erreur de 1′ dans la déclinaison approchée inscrite au t. III (distance des fils).

**23649 P. — 33652 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 18h 9m | 56°11′ |
| 69 7-17 | 56s,33 M | 53″,9 M |
| 76 8- 4 | 56,40 G | 52,1 G |

**23650 P. — 33647 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h 9m | 58°27′ |
| 58 8- 2 | 23s,85 G | 22″,0 G |

**23651 P. — 33631 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h 9m | 70°16′ |
| 56 7-24 | 21s,84 G | |
| 57 8-24 | | 18″,9 G |
| | III. | |
| | 18h 10m | 70°16′ |
| 71 8- 7 | 0s,81 G | 7″,2 G |

**23652 P. — 255 W$_2$.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h 9m | 69°46′ |
| 59 6-13 | 27s,59 G | 41″,8 G |

**23653 P. — 33589 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h 9m | 105°39′ |
| 55 6- 8 | 14s,61 G | |

**23654 P. — 33649 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 18h 10m | 60°37′ |
| 70 7- 6 | 6s,51 G | |
| 7-25 | 6,52 G | 19″,1 G |
| 75 7-20 | 6,54 M | 19,8 M |

**23655 P. — 33588 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 18h 8m | 108°30′ |
| 39 8-24 | 23s,13 G | |
| 9- 9 | 22,88 G | |
| 40 8-31 | 23,10 G | |
| 41 8-13 | 22,86 G | |
| 8-14 | 23,05 G | |
| | II. | |
| | 18h 9m | 108°30′ |
| 55 6- 9 | 15s,89 G | |
| 60 7-30 | 16,05 G | 30″,8 G |
| 64 7- 4 | 15,80 M | 30,8 M |

**23656 P. — 33585 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h 9m | 113°19′ |
| 55 8-17[1] | 17s,03 G | |

[1] Désignée à tort au t. XI comme 33589 L. (distance des fils).

**23657 P. — 33768 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 18h 10m | 24°39′ |
| 80 8- 9 | 12s,51 G | 4″,4 G |

**23658 P. — 33578 et 80 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 18h 8m | 117°5′ |
| 37 8- 7 | 20s,98 G | |
| 40 6-23 | 21,10 G | |
| 6-24 | 21,15 G | |
| 7-16 | 20,96 G | 31″,6 F |
| 41 9-11 | 20,83 G | |
| | II. | |
| | 18h 9m | 117°5′ |
| 56 8- 1 | 17s,33 G | 20″,4 G |
| 57 8- 2 | 17,45 G | 20,9 G |
| | III. | |
| | 18h 10m | 117°5′ |
| 79 7-29 | 13s,72 J | 10″,3 J |

**23659 P. — 33626 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h 9m | 80°35′ |
| 57 8-21 | 31s,35 G | |
| 59 8-25 | 31,42 G | |
| 62 6-23 | 31,62 G | 56″,3 G |
| | III. | |
| | 18h 10m | 80°35′ |
| 69 6-25 | 14s,32 M | 41″,9 M |

**23660 P. — 33628 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h 9m | 82°1′ |
| 57 7-23 | 33s,09 G | |
| | III. | |
| | 18h 10m | 82°1′ |
| 71 8-11 | 16s,49 M | 21″,3 M |
| 72 7-16 | 16,60 G | |
| 75 7-28 | 16,46 G | 20,6 G |

**23661 P. — 33660 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h 9m | 60°55′ |
| 58 7-14 | 41s,88 G | |
| | III. | |
| | 18h 10m | 60°55′ |
| 70 8- 1 | 16s,76 G | 0″,0 G |
| 73 7-25 | 16,75 G | |

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. Æ. | 𝒫. |
|---|---|---|

**23662 P. — 33691 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| III. | 18h 10m | 46°44' |
| 68 7-25 | 17s,18 M | 55",0 M |
| 69 7-12 | 17,36 M | 55,6 M |

**23663 P. — 33594 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 18h 9m | 104°53' |
| 55 8-10 | 26s,07 G | |
| 60 7-19 | 26,29 G | 40",1 G |
| III. | 18h 10m | 104°53' |
| 79 7-19 | 17s,66 J | 26",3 J |

**23664 P. — 33599 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 18h 9m | 102°16' |
| 59 8-23 | 29s,57 G | 40",7 G |
| III. | 18h 10m | 102°16' |
| 78 8-16 | 19s,84 M | 25",6 M |

**23665 P. — 33617 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 18h 8m | 93°2' |
| 46 6-28 | 45s,69 G | |
| 7-3 | 45,46 G | |
| 7-4 | | 38",6 G |
| 7-13 | 45,64 G | |
| 7-21 | 45,53 G | |
| 7-29 | 45,65 G | |
| 7-30 | 45,63 G | |
| 8-12 | | 38,9 G |
| 47 7-11 | 45,79 G | |
| 8-16 | 45,62 G | |
| 48 7-7 | 45,57 G | |
| 50 7-30 | 45,73 G | |
| II. | 18h 9m | 93°2' |
| 56 8-3 | 32s,73 G | 30",1 G |
| 61 8-4 | 32,92 G | |
| 63 7-2 | 32,73 M | 30,9 M |
| III. | 18h 10m | 93°2' |
| 78 7-28 | 19s,90 G | 21",8 G |
| 7-29 | 20,10 G | 21,5 G |

**23666 P. — 33590 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 18h 9m | 112°20' |
| 55 8-16 | 27s,44 G | |
| 57 7-25 | | 18",6 G |

**23667 P. — 33591 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 18h 8m | 112°23' |
| 49 6-27 | 35s,52 G | |
| III. | 18h 10m | 112°23' |
| 79 7-28 | 24s,00 J | 10",1 J |
| 8-12 | 24,07 J | 8,9 J |

**23668 P. — 33611 et 86 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 18h 9m | 97°15' |
| 57 7-11 | 35s,55 G | 47",0 G |
| 58 7-30 | 35,91 G | |

**23669 P. — 33605 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 18h 9m | 102°46' |
| 59 7-11 | 35s,96 G | 11",2 G |

**23670 P. — 33645 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 18h 9m | 76°58' |
| 59 7-25 | 45s,46 G | |
| III. | 18h 10m | 76°58' |
| 71 7-20 | 26s,88 M | 32",8 M |
| 7-20 | 26,71 G | 36,2 G |

**23671 P. — 33601 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 18h 9m | 105°28' |
| 55 6-16 | 35s,77 G | |
| 58 6-12 | | 36",0 G |

**23672 P. — 33641 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 18h 9m | 79°13' |
| 58 8-13 | 47s,44 G | 45",2 G |
| 8-16 | 47,53 G | 46,5 G |
| 9-12 | | 45,7 G |
| 59 6-4 | 47,48 G | |

**23673 P. — 33598 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 18h 8m | 108°50' |
| 40 7-17 | | 52",7 F |
| 7-27 | 44s,35 G | |
| 8-1 | 44,56 G | 55,5 F |
| 8-2 | 44,41 G | |
| II. | 18h 9m | 108°50' |
| 54 8-29 | 37s,14 G | |
| 57 8-29 | | 43",5 G |

**23673 P. (suite).**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| III. | 18h 10m | 108°50' |
| 78 8-6 | 30s,04 G | 30",8 G |

**23674 P. — 33615 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 18h 8m | 99°48' |
| 46 7-7 | 52s,04 G | |
| 8-17 | 52,31 G | |
| 8-24 | 52,08 G | |
| 8-26 | 52,02 G | |
| 8-29 | 52,16 G | |
| 9-2 | 52,01 G | |
| 9-3 | 52,17 G | |
| 9-4 | 51,94 G | |
| 9-6 | 52,08 G | |
| 9-7 | 52,09 G | |
| 9-14 | 52,09 G | |
| 47 6-12 | 51,94 G | |
| 8-21 | | 21",4 G |
| 9-18 | 52,19 G | |
| 50 5-28 | | 19,9 G |
| II. | 18h 9m | 99°48' |
| 55 8-17 | | 9",6 G |
| 8-20 | | 8,9 G |
| 56 6-29 | 41s,72 G | 7,7 G |
| 59 6-3 | 41,69 G | |
| III. | 18h 10m | 99°47' |
| 68 9-9 | 31s,06 M | 56",3 M |
| 74 7-21 | 31,19 G | 54,8 G |
| 8-22 | 31,16 G | 57,3 G |

**23675 P. — 33639 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 18h 9m | 81°40' |
| 56 7-29 | 50s,84 G | |
| 57 7-15 | 50,59 G | 57",4 G |
| 8-7 | 50,39 G | 58,1 G |

**23676 P. — 33648 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 18h 9m | 76°51' |
| 59 7-25 | 54s,14 G | |
| 61 8-1 | | 55",1 G |

**23677 P. — 34027 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 18h 12m | 10°3' |
| 53 2-21 I | 49s,05 G | |

**23678 P. — 33669 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 18h 9m | 66°2' |
| 58 7-13 | 58s,71 G | 52",3 G |

**23679 P. — 271 W$_2$.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 18h 9m | 66°3' |
| 58 7-13 | 59s,63 G | |

**23680 P. — 33622 et 71 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 18h 9m | 97°19' |
| 58 7-30 [1] | 48s,58 G | 57",9 G |
| 60 8-12 | 48,23 G | |
| 64 6-22 | 48,09 M | 58,1 M |

[1] Æ diminuée de 0s,40 : erreur de moy.

**23681 P. — 33604 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 18h 8m | 108°45 |
| 40 8-1 [1] | 51s,78 G | 12",8 F |

[1] 𝒫 diminuée de 30" : erreur de moy.

**23682 P. — 33692 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 18h 10m | 52°37' |
| 66 7-12 | 7s,50 G | 50",0 G |

**23683 P. — 33636 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 18h 9m | 89°2' |
| 40 8-29 | 12s,14 G | 33",0 F |
| II. | 18h 9m | 89°2' |
| 56 5-23 | | 20",2 G |
| 7-1 | 57s,97 G | |
| III. | 18h 10m | 89°2' |
| 79 8-11 | 43s,50 J | 7",4 J |

**23684 P. — 199 W$_1$.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 18h 9m | 95°33' |
| 57 6-14 | 58s,98 G | |

**23685 P. — 33699 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| III. | 18h 10m | 50°18' |
| 68 8-7 | 47s,01 G | 19",9 G |
| 69 7-21 | 47,11 M | 21,1 M |

Dates 1800 + — Positions moyennes pour les époques du Catal.

### 23686 P. — 33674 L.

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| II. | 18h 10m | 69° 0' |
| 58 7-15 | 10s,46 G | |
| 9-9 | | 19",3 G |
| 9-10 | | 19,5 G |
| III. | 18h 10m | 69° 0 |
| 70 7-5 | 48s,92 G | 5",4 G |
| 7-19 | 48,61 G | 5,0 G |

### 23687 P. — 33629 L.

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| III. | 18h 10m | 102° 54' |
| 78 8-2 | 56s,01 G | 49",3 G |
| 8-3 | 55,81 G | 49,3 G |
| 8-7 | 55,98 G | 49,2 G |
| 8-9 | 56,00 G | 48,8 G |
| 8-14 | 56,00 G | 48,8 G |

### 23688 P. — 2968 A + 28°.

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| II. | 18h 10m | 61° 45' |
| 59 7-15 | 20s,73 G | |

### 23689 P. — 33656 L.

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| II. | 18h 10m | 84° 8' |
| 57 6-28 | | 3",8 G |

### 23690 P. — 7660 Lacaille.

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| I. | 18h 9m | 115° 39' |
| 46 6-11 | 6s,44 G | 21",2 G |

### 23691 P. — 33659 L.

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| II. | 18h 10m | 87° 5' |
| 57 8-18 | 13s,58 G | |
| 59 7-21 | 13,64 G | 33",4 G |

### 23692 P. — 33627 L.

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| II. | 18h 10m | 108° 31' |
| 67 7-29 | 9s,95 M | 26",7 M |
| III. | 18h 11m | 108° 31' |
| 68 7-10 | 2s,54 M | 13",3 M |
| 70 6-22 | 2,92 M | 12,8 M |

### 23693 P. — 33634 L.

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| II. | 18h 10m | 102° 17' |
| 57 8-12 | 15s,03 G | 26",9 G |
| 59 8-23[1] | 15,45 G | |
| 60 8-16 | 15,01 G | 26,8 F |

[1] Erreur de 30' dans la déclinaison approchée inscrite au Tome XV. L'étoile est observée avec 33599 L., que l'on a désignée à tort comme 33605 Lal.

### 23694 P. — 33667 L.

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| II. | 18h 10m | 84° 17' |
| 57 5-19 | 22s,89 G | |
| 61 6-30 | 22,93 G | |

### 23695 P. — 8776 Cambridge.

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| II. | 18h 10m | 61° 46' |
| 59 7-15 | 35s,45 G | |

### 23696 P. — 33681 L.

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| II. | 18h 10m | 77° 58' |
| 58 5-29 | | 43",0 G |
| 7-11 | 29s,23 G | 44,1 G |
| 7-25 | 29,27 G | 45,1 G |

### 23697 P. — 33658 L.

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| III. | 18h 11m | 91° 30' |
| 76 7-26 | 14s,15 G | 27",0 G |
| 8-2 | 14,25 G | 29,9 G |
| 77 7-26 | 14,15 G | |
| 7-30 | 14,23 G | |
| 7-31 | 14,21 G | |
| 8-2 | 14,24 G | |

### 23698 P. — 223 W1.

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| II. | 18h 10m | 78° 5' |
| 56 8-13 | 35s,28 G | |
| 58 7-25 | 35,54 G | |

### 23699 P. — 33697 L.

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| II. | 18h 10m | 66° 38' |
| 67 7-8 | | 54",0 G |
| III. | 18h 11m | 66° 38' |
| 70 6-27 | 19s,30 G | 39",6 G |
| 75 7-28 | 19,27 M | 39,2 M |
| 8-16 | 19,29 M | 39,5 M |
| 76 7-26 | 19,37 M | 38,9 M |
| 8-2 | 19,37 M | 38,7 M |

### 23700 P. — 33693 L.

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| III. | 18h 11m | 69° 26' |
| 81 7-29 | 19s,63 J | 11",1 J |

### 23701 P. — 8778 Cambridge.

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| II. | 18h 10m | 61° 52' |
| 59 7-15 | 44s,90 G | |

### 23702 P. — 33713 L.

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| III. | 18h 11m | 55° 26' |
| 74 8-22 | | 51",2 M |
| 76 7-17 | 21s,14 G | 51,6 G |
| 7-21 | 21,25 M | 52,0 M |

### 23703 P. — 33642 L.

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| I. | 18h 9m | 108° 40' |
| 45 5-23 | | 23",3 F |
| 48 6-28 | 37s,08 G | |
| 7-1 | 37,13 G | |
| 7-13 | | 22,8 G |
| 49 7-22 | 37,21 G | |
| II. | 18h 10m | 108° 40' |
| 54 8-27 | 29s,89 G | 10",2 G |
| III. | 18h 11m | 108° 39' |
| 70 6-21 | 22s,43 M | 54",2 M |
| 6-27 | 22,75 M | 54,6 M |
| 7-14 | 22,92 M | 54,1 M |

### 23704 P. — 33714 L.

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| III. | 18h 11m | 55° 4' |
| 69 7-19 | 27s,32 M | 52",6 M |
| 7-19 | | 51,8 G |
| 75 7-31 | 27,45 M | 52,6 M |

### 23705 P. — 225 W1.

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| II. | 18h 10m | 87° 4' |
| 58 6-7 | | 39",6 G |

### 23706 P. — 33676 L.

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| III. | 18h 11m | 92° 4' |
| 78 7-30 | 31s,17 G | 42",7 G |
| 7-31 | 31,08 G | 41,3 G |

### 23707 P. — 3199 A + 35°.

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| III. | 18h 11m | 54° 26' |
| 68 7-31[1] | 34s,22 G | |

[1] ℛ augmentée de 1s : correction indiquée comme probable par l'observateur.

### 23708 P. — 33643 L.

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| II. | 18h 10m | 116° 22' |
| 58 8-4 | 42s,51 G | 28",5 G |

### 23709 P. — 18024-25 A.O.

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| I. | 18h 9m | 108° 33' |
| 40 8-28 | 54s,51 G | |
| 48 7-5 | 54,55 G | |
| II. | 18h 10m | 108° 33' |
| 60 7-30 | 47s,46 G | 33",1 G |

### 23710 P. — 33758, 59, 60 et 62 L.

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| I. | 18h 10m | 40° 53' |
| 40 7-7[1] | | 35",8 F |

[1] Observation faite près du zénith sans indication de la position de l'observateur. On n'a pas tenu compte de la valeur de l'équation personnelle dans la réduction de distance polaire.

### 23711 P. — 33690 L.

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| III. | 18h 11m | 86° 33' |
| 69 7-3 | 44s,08 M | 55",2 M |
| 75 7-29 | 44,16 M | 57,5 M |
| 76 8-5 | 44,39 M | 54,7 M |

### 23712 P. — 33739-40 L.

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| I. | 18h 10m | 47° 53' |
| 40 8-8 | 49s,57 G | 27",1 F |
| II. | 18h 11m | 47° 53' |
| 63 6-17 | 17s,51 G | |
| 6-21 | 17,55 M | |
| 6-23 | 17,42 G | |
| 6-24 | 17,50 G | |
| 7-1 | 17,53 G | 9",9 G |
| 7-10 | 17,74 G | |
| 7-11 | 17,49 G | |
| 7-13 | 17,55 G | |
| 7-17 | 17,55 G | |
| 7-28 | 17,47 G | |
| 7-30 | 17,48 G | |
| 7-31 | 17,60 G | |
| 8-1 | 17,42 G | |
| 8-4 | 17,47 G | |

| Dates 1800 + A. M. J. | | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|---|

**23712 P. (suite).**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h 11^m$. | 47°53′ |
| 63 | 8- 6 | 17$^s$,44 G | |
| | 8- 8 | 17,48 G | |
| | 8- 9 | 17,50 G | |
| | 8-10 | 17,53 G | |
| | 8-13 | 17,39 G | |
| 64 | 6-13 | 17,47 G | |
| | 6-22 | 17,46 G | |
| | 6-24 | 17,37 G | |
| | 7- 4 | 17,49 G | |
| | 7- 5 | 17,45 G | |
| | 7- 6 | 17,47 G | |
| | 7-11 | 17,40 G | |
| | 7-14 | 17,49 G | |
| | 7-29 | 17,44 G | |
| | 7-30 | 17,48 G | |
| | 8- 2 | 17,55 G | |
| | 8- 3 | 17,46 G | |
| | 8- 7 | 17,45 G | |
| | 8- 8 | 17,45 G | |
| | 8-10 | 17,42 G | |
| | 8-11 | 17,35 G | |
| | 8-16 | 17,50 G | |
| | | III. | |
| | | $18^h 11^m$ | 47°52′ |
| 69 | 7-15 | 45$^s$,32 M | 55″,6 M |
| | 7-15 | | 57,0 G |
| 72 | 7- 1 | 45,49 G | |
| | 7- 9 | 45,45 G | |
| | 7-20 | 45,32 G | |
| | 7-21 | 45,40 G | |
| | 8-17 | 45,55 G | |
| | 8-19 | 45,46 G | |
| | 8-20 | 45,48 G | |
| 75 | 8- 9 | 45,35 M | 55,5 M |
| | 8-10 | 45,36 M | 56,3 M |
| 76 | 8- 5 | 45,38 G | 54,8 G |

**23713 P. — 33675 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h 10^m$ | 102°30′ |
| 57 | 9- 5 | | 17″,3 G |
| 61 | 6-27 | 58$^s$,98 G | 15,1 G |
| | | III. | |
| | | $18^h 11^m$ | 102°30′ |
| 79 | 6-18 | 49$^s$,58 J | 0″,8 J |
| | 6-27 | 49,63 J | 0,4 J |

**23714 P. — 33678 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $18^h 11^m$ | 104°2′ |
| 70 | 7-16 | 53$^s$,03 M | 14″,8 M |
| 79 | 8- 2 | 52,94 M | 16,2 M |

**23715 P. — 6369 Rümker.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h 11^m$ | 71°55′ |
| 59 | 7-26 | 13$^s$,49 G | |

**23716 P. — 33720 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $18^h 11^m$ | 63°16′ |
| 70 | 7-16 | 56$^s$,23 G | 5″,1 G |
| | 7-18 | 56,26 G | 3,6 G |

**23717 P. — 33754 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $18^h 11^m$ | 44°49′ |
| 81 | 7-26 | 56$^s$,99 G | 43″,7 G |

**23718 P. — 33704 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h 11^m$ | 78°10′ |
| 56 | 6-25 | | 17″,7 G |
| | 8-14 | 21$^s$,01 G | |
| | | III. | |
| | | $18^h 12^m$ | 78°10′ |
| 71 | 8-10 | 2$^s$,82 G | 2″,4 G |
| | 8-28 | 2,72 G | |

**23719 P. — 6654 Sj.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $18^h 10^m$ | 92°39′ |
| 48 | 7- 7 | 29$^s$,76 G | |

**23720 P. — 33723 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $18^h 12^m$ | 68°6′ |
| 81 | 7-21 | 8$^s$,99 J | 0″,2 J |

**23721 P. — 33682 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h 11^m$ | 109°47′ |
| 67 | 7-30 | 16$^s$,68 M | 0″,4 M |
| | | III. | |
| | | $18^h 12^m$ | 109°46′ |
| 70 | 6-14 | 9$^s$,76 M | 43″,1 M |
| 78 | 8-16 | 9,98 G | 43,0 G |

**23722 P. — 33700 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h 11^m$ | 87°5′ |
| 56 | 6-11 | | 20″,3 G |
| | 7- 1 | 25$^s$,69 G | 21,7 G |
| 59 | 6-14 | 25,66 G | |
| | 8-24 | 25,93 G | |

**23723 P. — 33736 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h 11^m$ | 60°26′ |
| 61 | 7-29 | 38$^s$,84 G | |

**23723 P. (suite).**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $18^h 12^m$ | 60°25′ |
| 73 | 7-25 | 13$^s$,64 G | |
| 75 | 7-31 | 13,57 G | 48″,0 G |

**23724 P. — 33724 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h 11^m$ | 69°36′ |
| 57 | 8- 1 | | 24″,0 G |
| 61 | 7-18 | 38$^s$,20 G | |
| | | III. | |
| | | $18^h 12^m$ | 69°36′ |
| 70 | 8- 1 | 17$^s$,02 G | 8″,9 G |
| 71 | 8-26 | 16,60 G | |

**23725 P. — 33702 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h 11^m$ | 89°17′ |
| 56 | 7- 2 | 31$^s$,74 G | |
| 58 | 8-15 | | 48″,6 G |
| | | III. | |
| | | $18^h 12^m$ | 89°17′ |
| 72 | 7-16 | 17$^s$,34 G | |
| 73 | 8- 1 | 17,45 M | 32″,4 M |
| | 8- 4 | 17,24 M | 32,9 M |

**23726 P. — 33721 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h 11^m$ | 74°12′ |
| 67 | 8-12 | 37$^s$,78 M | 36″,5 M |
| | 8-13 | 37,77 M | 36,5 M |

**23727 P. — 33719 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h 11^m$ | 76°16′ |
| 56 | 7- 4 | 38$^s$,36 G | 22″,1 G |
| 57 | 8- 5 | | 21,8 G |
| 60 | 7- 5 | 38,44 G | |
| | 7- 7 | 38,44 G | |

**23728 P. — 33783 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h 11^m$ | 53°1′ |
| 66 | 7-20 | | 16″,2 G |
| | 7-21 | | 15,7 G |

**23729 P. — 33725 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $18^h 12^m$ | 72°3′ |
| 71 | 7- 5 | 24$^s$,40 G | 56″,5 G |
| | 8- 9 | 24,68 G | 57,9 G |

**23730 P. — 33718 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h 11^m$ | 79°28′ |
| 57 | 7-30 | 42$^s$,55 G | 44″,7 G |
| 59 | 8-13 | 42,26 G | |

**23731 P. — 33716 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h 11^m$ | 81°25′ |
| 58 | 4-24 | 45$^s$,33 G | |
| | 8- 3 | | 26″,5 G |
| | 8-28 | 45,42 G | |
| 59 | 7- 9 | 45,36 G | 24,6 G |

**23732 P. — 33694 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $18^h 10^m$ | 107°48′ |
| 40 | 8-20 | 47$^s$,72 G | |
| 43 | 5-16 | 47,57 G | |
| | | II. | |
| | | $18^h 11^m$ | 107°48′ |
| 59 | 8-16 | 40$^s$,14 G | 14″,3 G |
| | | III. | |
| | | $18^h 12^m$ | 107°47′ |
| 79 | 8- 4 | 32$^s$,47 J | 59″,6 J |

**23733 P. — 33755 et 57 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h 12^m$ | 56°30′ |
| 67 | 8-12 | 0$^s$,04 G | 55″,4 G |
| | | III. | |
| | | $18^h 12^m$ | 56°30′ |
| 68 | 7-30 | 32$^s$,76 G | 39″,2 G |
| | 8-13 | | 36,6 G |
| 75 | 7-26 | 32,80 M | 38,5 M |
| | 8-11 | 32,76 M | 38,2 M |

**23734 P. — 245 $W_1$.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h 11^m$ | 99°52′ |
| 57 | 7-20 | 45$^s$,55 G | 4″,0 G |
| | 8-10 | 45,43 G | 7,4 G |
| 59 | 6- 3[1] | 45,53 G | |

[1] Erreur de signe dans la décl. donnée au t. XV. Le cahier-minute porte $h = 31°16'$. 𝒜 diminuée de $1^m$.

**23735 P. — 329 $W_2$.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $18^h 12^m$ | 60°29′ |
| 81 | 7- 7[1] | 37$^s$,10 J | 31″,8 J |

[1] 𝒫 diminuée de 1′.

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜., 𝒫.)

**23736 P. — 33737 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $18^{h}\,11^{m}$ | 71°55' |
| 57 5- 7 | $58^{s},22$ G | |
| 6- 6 | | 9",0 G |
| 59 7-26 | 58,51 G | 10,4 G |

**23737 P. — 33728 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $18^{h}\,11^{m}$ | 77°4' |
| 59 7-25 | $57^{s},16$ G | |
| 60 6-29 | 57,11 G | |
| 9-12 | 57,25 G | 16",6 G |
| III. | $18^{h}\,12^{m}$ | 77°4' |
| 79 6-24 | $38^{s},72$ G | |
| 6-29 | 38,78 G | 0",8 G |

**23738 P.**

23 δ Petite Ourse.

Étoile fondamentale.

**23739 P. — 33743 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $18^{h}\,12^{m}$ | 68°3' |
| 58 6-30 | | 17",3 G |
| 59 6-10 | $2^{s},41$ G | |
| III. | $18^{h}\,12^{m}$ | 68°2' |
| 70 7- 6 | $40^{s},53$ G | |
| 74 8-13 | 40,60 M | 59",1 M |

**23740 P. — 33727 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $18^{h}\,11^{m}$ | 79°24' |
| 59 8-13 | $59^{s},42$ G | |

**23741 P. — 33805 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $18^{h}\,12^{m}$ | 38°25' |
| 81 8- 8 | $46^{s},56$ G | |

**23742 P.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $18^{h}\,12^{m}$ | 106°25' |
| 70 7-21 | $50^{s},33$ M | 0",5 M |

**23743 P. — 33753 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $18^{h}\,12^{m}$ | 66°45' |
| 57 5-16 | $17^{s},51$ G | |
| 58 7-12 | | 14",5 G |
| 9-10 | | 15,8 G |
| III. | $18^{h}\,12^{m}$ | 66°45' |
| 80 6-22 | $55^{s},44$ G | |

**23744 P. — 33708 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $18^{h}\,11^{m}$ | 105°53' |
| 39 7- 3 | $13^{s},45$ G | |
| 7-28 | 13,32 G | |
| 8-13 | 13,40 G | |
| 8-21 | 13,33 G | 18",7 F |
| 41 9-11 | 13,17 G | |
| 46 6-11 | 13,36 G | 20,6 G |
| 7- 3 | 13,12 G | |
| 47 5- 4 | 13,45 G | |
| 8-16 | 13,31 G | |
| 8-25 | 13,22 G | |
| 8-30 | 13,49 G | |
| 9-18 | 13,12 G | |
| 48 7-13 | 13,38 G | |
| 7-14 | 13,39 G | |
| 49 7- 5 | 13,50 G | |
| 8-15 | 13,54 G | |
| 8-28 | 13,26 G | |
| 51 8-20 | 13,41 G | |
| 52 8-18 | 13,59 G | |
| II. | $18^{h}\,12^{m}$ | 105°53' |
| 54 8-29 | $5^{s},09$ G | |
| 58 6-12 | | 5",8 G |
| III. | $18^{h}\,12^{m}$ | 105°52' |
| 79 7-19 | $56^{s},96$ J | 50",5 J |

**23745 P. — 33696 L.**

19 δ Sagittaire.

Étoile fondamentale.

**23746 P. — 2537 Gr.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $18^{h}\,12^{m}$ | 49°47' |
| 40 8-31 [1] | | 59",9 F |

[1] 𝒫 augmentée de 16",8 : err. de réduct.

**23747 P. — 33733 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $18^{h}\,12^{m}$ | 89°12' |
| 56 7- 3 | $18^{s},06$ G | |
| 57 5-27 | | 40",2 G |
| 59 7- 2 | 17,97 G | |
| 63 7-28 | 18,02 M | 43,7 M |

**23748 P. — 33742 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $18^{h}\,12^{m}$ | 81°29' |
| 57 7-27 | $23^{s},38$ G | 33",1 G |
| 58 7- 2 | | 33,0 G |
| 59 8-25 | 23,36 G | |
| III. | $18^{h}\,13^{m}$ | 81°29' |
| 69 6-25 | $6^{s},51$ M | 16",4 M |

**23749 P. — 6213 B.A.C.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $18^{h}\,11^{m}$ | 82°47' |
| 49 7-14 | $39^{s},90$ G | |
| 7-15 | 39,80 G | |
| 7-20 | 39,85 G | |

**23750 P. — 33726 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $18^{h}\,12^{m}$ | 95°1' |
| 56 8- 2 | | 1",8 G |
| 57 7-10 | | 2,4 G |
| 7-31 | $20^{s},37$ G | |
| 8- 2 | 20,57 G | 2,2 G |
| 58 9- 8 | 20,55 G | 1,5 G |
| III. | $18^{h}\,13^{m}$ | 95°0' |
| 74 8-21 | $8^{s},49$ G | |

**23751 P. — 33793 à 95 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $18^{h}\,12^{m}$ | 49°7' |
| 40 8-20 | | 18",2 F |
| III. | $18^{h}\,13^{m}$ | 49°6' |
| 68 7-30 | $8^{s},82$ M | 40",5 M |
| 7-31 | 9,04 M | 42,3 M |

**23752 P. — 33869 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $18^{h}\,13^{m}$ | 25°39' |
| 40 7-16 | | 15",9 F |
| 44 7-11 | | 15,8 G |
| 46 6-14 | | 17,2 G |

**23753 P. — 33771-72 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $18^{h}\,12^{m}$ | 64°43' |
| 58 7-14 | $37^{s},26$ G | |
| 7-17 | 37,10 G | 20",5 G |
| 8- 6 | 37,34 G | |
| 8- 7 | 37,16 G | |
| 59 6-13 | 37,17 G | 21,3 G |

**23754 P. — 33731 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $18^{h}\,12^{m}$ | 98°2' |
| 55 8-14 | $28^{s},27$ G | 10",9 G |
| 57 8-22 | | 11,2 G |
| 58 7-30 | | 10,5 G |
| III. | $18^{h}\,13^{m}$ | 98°1' |
| 68 8- 7 | $17^{s},29$ M | 52",9 M |
| 74 8-22 | 17,21 G | 54,4 G |

**23755 P. — 33756 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $18^{h}\,12^{m}$ | 77°51' |
| 58 6- 3 | $35^{s},99$ G | 37",2 G |
| 7-19 | 35,85 G | |
| III. | $18^{h}\,13^{m}$ | 77°51' |
| 71 8- 1 | $17^{s},70$ M | |
| 8- 1 | 17,80 G | |
| 8- 7 | 17,84 G | 20",4 G |

**23756 P. — 33779 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $18^{h}\,12^{m}$ | 65°36' |
| 59 8-10 | $43^{s},64$ G | |

**23757 P. — 18083 A.O.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $18^{h}\,12^{m}$ | 33°9' |
| 40 8- 9 | $52^{s},04$ G | |

**23758 P. — 33765 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $18^{h}\,12^{m}$ | 77°31' |
| 58 8-16 | $45^{s},24$ G | 12",0 G |
| 59 7-10 | 45,20 G | 12,1 G |

**23759 P. — 33761 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $18^{h}\,12^{m}$ | 85°0' |
| 62 6-23 | $48^{s},37$ G | 26",5 G |

**23760 P. — 33729 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $18^{h}\,12^{m}$ | 109°42' |
| 55 7-21 | $44^{s},31$ G | 52",9 G |
| 59 8-23 | 44,42 G | 52,6 G |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (Æ., D.)

**23761 P. — 33780 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h 12m | 74° 13′ |
| 56 | 7-16 | 58s,58 G | |
| 58 | 8-13 | 58,67 G | 43″,0 G |
| 67 | 8-12 | 58,64 M | 41,8 M |

**23762 P. — 33788-89 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h 13m | 64° 36′ |
| 58 | 7-14 | 3s,73 G | |
| | 7-15 | | 24″,7 G |

**23763 P. — 33766 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h 12m | 86° 29′ |
| 57 | 8-21 | 58s,86 G | 28″,0 G |
| | 8-28 | | 27,6 G |
| | | III. | |
| | | 18h 13m | 86° 29′ |
| 72 | 7-11 | 43s,61 M | 11″,1 M |

**23764 P. — 33813 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | I. | |
| | | 18h 12m | 49° 45′ |
| 40 | 8- 8 | 47s,29 G | |
| | 8-31 | | 16″,3 F |

**23765 P. — 33792 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h 13m | 78° 11′ |
| 60 | 8-12 | 3s,92 G | |
| | | III. | |
| | | 18h 13m | 78° 10′ |
| 79 | 8-16 | 45s,82 G | 45″,2 G |

**23766 P. — 6405 Berlin B.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h 13m | 65° 45′ |
| 58 | 7-13 | 12s,37 G | |

**23767 P. — 366 W₂.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | III. | |
| | | 18h 13m | 56° 48′ |
| 68 | 8- 7 | | 30″,5 G |

**23768 P. — 33745-46 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h 13m | 105° 17′ |
| 54 | 9- 4 | 0s,99 G | |
| 60 | 7-19 | 1,01 G | 19″,3 G |

**23768 P. (suite).**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | III. | |
| | | 18h 13m | 105° 16′ |
| 68 | 7-10 | 52s,58 M | 59″,3 M |
| 78 | 8- 3 | 52,74 G | 61,6 G |
| | 8- 6 | 52,53 G | 61,4 G |

**23769 P. — 33749 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h 13m | 105° 2′ |
| 62 | 6-25 | 3s,56 G | 4″,1 G |
| | | III. | |
| | | 18h 13m | 105° 1′ |
| 79 | 7-29 | 55s,02 J | 47″,3 J |

**23770 P. — 3731 A + 20°.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h 13m | 69° 36′ |
| 61 | 7-18 | 16s,70 G | |

**23771 P. — 33748 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | I. | |
| | | 18h 12m | 108° 55′ |
| 40 | 7-17 | | 22″,8 F |
| | | II. | |
| | | 18h 13m | 108° 55′ |
| 54 | 8-27 | 8s,84 G | |
| 55 | 8- 5 | | 7″,0 G |
| | | III. | |
| | | 18h 14m | 108° 54′ |
| 78 | 3- 2 | 1s,86 G | 49″,8 G |

**23772 P. — 33801 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | I. | |
| | | 18h 12m | 65° 36′ |
| 46 | 7-13 | 48s,06 G | |
| | 7-21 | 48,17 G | |
| | 7-22 | 48,21 G | |
| | 7-23 | 48,11 G | |
| 48 | 8-24 | | 51″,6 G |
| | | II. | |
| | | 18h 13m | 65° 36′ |
| 58 | 7-13[1] | 25s,80 G | 33″,1 G |
| 59 | 8-10 | 25,14 G | |
| 62 | 6-28 | 24,83 G | |

[1] Æ non comprise dans la moyenne : fils très discordants.

**23773 P. — 16000 Mn₁.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h 13m | 106° 26′ |
| 57 | 8-12[1] | 9s,73 G | 2″,1 G |

[1] Æ dim. de 0s,40 : err. de 1s sur les deux derniers fils.

**23774 P. — 33747 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h 13m | 109° 19′ |
| 54 | 8-28[1] | 9s,84 G | 45″,8 G |
| | | III. | |
| | | 18h 14m | 109° 19′ |
| 79 | 6-18[2] | 3s,07 J | 28″,5 J |

[1] Æ diminuée de 1m.

[2] Æ dim. de 0s,30 : erreur de moy.

**23775 P. — 40 Piazzi.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h 13m | 106° 25′ |
| 57 | 8-12[1] | 14s,31 G | |

[1] Æ dim. de 0s,40 : err. de 1s sur les deux derniers fils.

**23776 P. — 33786 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h 13m | 82° 59′ |
| 58 | 7- 1 | 24s,49 G | 15″,2 G |
| | 7- 3 | 24,44 G | 15,7 G |
| | 9-13 | | 15,9 G |

**23777 P. — 16005 Mn₁.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h 13m | 86° 26′ |
| 57 | 8-21 | 26s,74 G | |

**23778 P. — 33820 à 22 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h 13m | 57° 0′ |
| 66 | 7-25 | 42s,35 G | |
| | | III. | |
| | | 18h 14m | 57° 0′ |
| 68 | 7-31 | 15s,39 G | 16″,5 G |
| | 8- 1 | 15,39 G | 16,2 G |
| 69 | 7-21 | 15,38 M | 15,8 M |

**23779 P. — 379-380 W₂.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | III. | |
| | | 18h 14m | 56° 55′ |
| 68 | 8- 7 | 15s,60 G | |

**23780 P. — 33785 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h 13m | 90° 29′ |
| 55 | 8-11 | | 12″,2 G |
| | | III. | |
| | | 18h 14m | 90° 28′ |
| 69 | 7-29 | 20s,18 M | 56″,9 M |
| | 7-29 | | 56,1 G |
| 75 | 7-28 | 20,35 G | 56,7 G |
| | 8-10 | 20,38 G | 58,2 G |
| 76 | 7-17 | 20,25 G | 56,2 G |
| | 8- 2 | 20,29 G | 55,8 G |
| 77 | 8- 2 | 20,30 G | |

**23781 P. — 33807 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h 13m | 70° 53′ |
| 57 | 6- 2 | | 10″,7 G |
| 58 | 7-11 | 45s,03 G | 6,9 G |

**23782 P. — 300 W₁.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h 13m | 77° 4′ |
| 59 | 7-25 | 44s,01 G | |

**23783 P. — 6403 Rümker.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h 13m | 86° 40′ |
| 59 | 7- 9 | 41s,78 G | |

**23784 P. — 7454 Brux.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h 13m | 78° 14′ |
| 57 | 7-15 | 47s,03 G | 7″,0 G |
| 58 | 5-29 | | 7,4 G |

**23785 P. — 33798 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h 13m | 86° 55′ |
| 56 | 5-23 | | 5″,7 G |
| 61 | 8- 1 | 48s,65 G | 5,7 G |

**23786 P. — 33833 à 35 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | III. | |
| | | 18h 14m | 56° 49′ |
| 69 | 7-22 | 33s,56 M | 29″,1 M |
| 75 | 7-31 | 33,76 M | 28,3 M |
| 76 | 8- 2 | 33,65 M | 28,3 M |

**23787 P. — 33778 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h 13m | 106° 23′ |
| 55 | 7- 9 | | 3″,7 G |
| | 8-11 | 43s,84 G | |
| | | III. | |
| | | 18h 14m | 106° 22′ |
| 70 | 6-14 | 35s,64 M | 46″,0 M |

**23788 P. — 33799 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | I. | |
| | | 18h 13m | 86° 41′ |
| 39 | 7-28 | 7s,85 G | |
| | 8-13 | 7,91 G | |
| | 8-21 | 7,82 G | 13″,1 F |
| 46 | 7- 7 | 7,69 G | |
| | 7- 8 | 7,79 G | |
| | 7-10 | 7,87 G | |
| | 8-15 | 7,72 G | |
| | 8-18 | 7,86 G | |

Dates 1800+ — Positions moyennes pour les époques du Catal.

### 23788 P. (suite).

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | $18^h13^m$ | 86°41' |
| 47 | 6-12 | $7^s$,78 G | |
| | 8-21 | 7,76 G | $12''$,3 G |
| 50 | 5-16 | 7,72 G | |
| | 5-28 | | 15,1 G |
| | 7-24 | | 14,5 G |
| | 7-29 | | 15,1 G |
| | 7-30 | 7,85 G | 15,2 G |
| | 8- 3 | 7,82 G | |
| | 8- 4 | 7,81 G | |
| | 8-11 | 7,82 G | |
| | 8-12 | 7,79 G | |
| | 8-13 | | 14,6 G |
| | 8-14 | | 14,4 G |
| | 8-16 | 7,66 G | |
| | 8-19 | | 14,8 G |
| | 8-29 | | 13,5 G |
| | 8-31 | | 14,5 G |
| | 9- 2 | | 13,2 G |
| | 9- 3 | 7,90 G | |
| | 9- 5 | 7,91 G | |
| | 9- 7 | 7,81 G | |
| | 9-16 | | 12,7 G |
| | 9-18 | 7,82 G | |
| | 9-21 | 7,96 G | |
| | 9-27 | 7,77 G | |
| 52 | 7-28 [1] | 7,92 G | |
| | 8-22 | 7,86 G | |
| | | II. | |
| | | $18^h13^m$ | 86°40' |
| 55 | 7-17 | $52^s$,71 G | $56''$,5 G |
| | 8- 1 | 52,75 G | |
| | 8- 2 | | 55,0 G |
| | 8-16 | | 58,2 G |
| | 8-17 | | 56,7 G |
| | 8-18 | | 54,7 G |
| | 9-22 | | 56,8 G |
| | 9-26 | | 56,5 G |
| | 9-27 | | 57,2 G |
| 56 | 4-16 | 52,77 G | |
| | 4-17 | 52,76 G | 55,1 G |
| | 4-19 | 52,54 G | 56,2 G |
| | 4-20 | 52,64 G | 56,6 G |
| | 4-21 | 52,74 G | |
| | 4-22 | 52,61 G | 55,5 G |
| | 4-23 | 52,71 G | |
| | 4-24 | 52,68 G | |
| | 4-25 | 52,94 G | 55,7 G |
| | 5- 4 | 52,77 G | 56,1 G |
| | 5-22 | 52,65 G | |
| | 5-25 | 52,69 G | 55,9 G |
| | 5-31 | 52,70 G | |
| | 6- 8 | 52,58 G | 57,5 G |
| | 6-10 | 52,59 G | |
| | 6-12 | 52,61 G | 56,3 G |
| | 6-23 | 52,77 G | |
| | 6-26 | 52,50 G | 56,5 G |
| | 6-27 | 52,72 G | 55,8 G |
| | 6-28 | 52,69 G | 56,0 G |
| | 7- 6 [1] | 52,63 G | 56,9 G |
| | 7-22 | 52,70 G | 56,3 G |
| | 7-23 | 52,71 G | |
| | 7-25 | 52,74 G | 56,4 G |
| | 7-30 | | 56,2 G |
| | 7-31 | | 56,4 G |
| | 8- 4 | 52,36 G | |
| | 8- 5 | 52,69 G | 56,9 G |
| | 8- 7 | | 55,7 G |
| | 8- 9 | 52,78 G | |
| | 8-10 | 52,82 G | |
| | 8-12 | 52,72 G | |
| | 8-13 | | 56,6 G |

### 23788 P. (suite).

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | $18^h13^m$ | 86°40' |
| 56 | 8-14 [2] | | $57''$,4 G |
| | 8-22 | | 56,3 G |
| | 8-23 | $52^s$,57 G | 55,8 G |
| | 8-29 | 52,67 G | |
| | 8-30 | 52,63 G | |
| | 8-31 | 52,72 G | 57,1 G |
| | 9- 2 | 52,63 G | |
| | 9- 3 | 52,48 G | |
| | 9- 4 | 52,63 G | 57,4 G |
| | 9- 5 | 52,71 G | 57,6 G |
| | 9- 6 | | 57,5 G |
| | 9- 8 | 52,61 G | 57,9 G |
| | 9-14 | 52,65 G | 56,5 G |
| | 9-16 | 52,43 G | |
| | 9-19 | 52,69 G | 57,0 G |
| | 9-20 | 52,82 G | |
| | 9-26 | 52,52 G | |
| 57 | 3-25 | 52,68 G | |
| | 4-17 | 52,80 G | |
| | 4-18 | 52,65 G | |
| | 4-19 | 52,83 G | |
| | 4-24 | 52,58 G | |
| | 5-14 | 52,80 G | |
| | 5-19 | 52,59 G | 53,7 G |
| | 6- 4 | 52,70 G | |
| | 6-23 | 52,69 G | 56,9 G |
| | 7-23 | | 55,1 G |
| 58 | 6- 3 | | 55,0 F |
| | 6- 7 | 52,62 G | 54,9 G |
| | 6-11 | | 55,3 G |
| 59 | 7- 9 | 52,94 G | 55,5 G |

[1] 𝒜 diminuée de $1^m$.
[2] 𝒟 augmentée de 5'.

### 23789 P. — 33828 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | $18^h14^m$ | 62°33' |
| 67 | 7- 8 | | $38''$,4 G |

### 23790 P. — 33808 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | $18^h13^m$ | 79°57' |
| 56 | 7-24 | $59^s$,21 G | $19''$,7 G |
| | 8-13 | 59,18 G | |
| | | III. | |
| | | $18^h14^m$ | 79°57' |
| 71 | 8-10 | $41^s$,67 G | $0''$,5 G |

### 23791 P. — 33800 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | $18^h14^m$ | 93°9' |
| 57 | 7-11 | $2^s$,03 G | $55''$,5 G |
| | 8-13 | | 56,4 G |
| | | III. | |
| | | $18^h14^m$ | 93°9' |
| 78 | 7-29 | $49^s$,50 G | $39''$,8 G |

### 23792 P. — 33790 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | $18^h14^m$ | 101°58' |
| 56 | 8- 1 | $0^s$,21 G | |
| 57 | 9- 5 | | $51''$,9 G |
| | | III. | |
| | | $18^h14^m$ | 101°58' |
| 78 | 8- 7 [1] | $50^s$,58 G | $34''$,1 G |

[1] 𝒜 diminuée de $1^s$ : erreur de moy.

### 23793 P. — 33802 à 04 L.

58 η Serpent.

Étoile fondamentale.

### 23794 P. — 33837 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | $18^h13^m$ | 68°6' |
| 37 | 6-23 | $44^s$,50 G | |
| 40 | 6-23 | 44,52 G | |
| | 6-24 | 44,58 G | |
| 46 | 8-17 | | $1''$,5 G |
| 47 | 7-11 | 44,59 G | |
| | | II. | |
| | | $18^h14^m$ | 68°5' |
| 58 | 7-15 | $22^s$,49 G | |
| | 9-10 | | $42''$,5 G |
| 63 | 6-17 | 22,57 G | |
| | 6-23 | 22,54 G | |
| | 6-24 | 22,72 G | |
| | 7-10 | 22,49 G | |
| | 7-13 | 22,56 G | |
| | 7-28 | 22,59 G | |
| | 7-30 | 22,53 G | |
| | 7-31 | 22,51 G | |
| | 8- 1 | 22,53 G | |
| | 8- 4 | 22,60 G | |
| | 8- 9 | 22,78 G | |
| | 8-13 | 22,56 G | |
| 64 | 6-13 | 22,63 G | |
| | 6-24 | 22,57 G | |
| | 7- 1 | 22,72 G | |
| | 7- 4 | 22,48 G | |
| | 7- 5 | 22,61 G | |
| | 7- 6 | 22,59 G | |
| | 7- 8 | | 42,0 G |
| | 7-11 | 22,54 G | |
| | 7-13 | | 42,9 G |
| | 7-14 | 22,55 G | |
| | 7-15 | | 43,9 G |
| | 7-18 | | 42,8 G |
| | 7-27 | | 42,7 G |
| | 7-29 | 22,57 G | |
| | 7-30 | 22,49 G | |
| | 8- 2 | 22,67 G | |
| | 8- 3 | 22,66 G | |
| | 8- 8 | 22,62 G | |
| | 8-10 | 22,58 G | |
| | 8-11 | 22,66 G | |
| | 8-16 | 22,49 G | |
| 65 | 7-15 | | 43,8 G |
| | | III. | |
| | | $18^h15^m$ | 68°5' |
| 72 | 7- 1 | $0^s$,61 G | |
| | 7- 4 | 0,51 G | |
| | 7- 9 | 0,51 G | |
| | 7-20 | 0,56 G | |
| | 7-21 | 0,55 G | |
| | 8-17 | 0,67 G | |
| | 8-20 | 0,57 G | |

### 23795 P. — 33842 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | $18^h15^m$ | 64°31' |
| 73 | 7-25 | $1^s$,90 G | |
| 75 | 7-31 | 2,09 G | $18''$,2 G |

### 23796 P. — 33853 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | $18^h13^m$ | 60°23' |
| 46 | 7- 3 | $53^s$,07 G | |
| 47 | 8-30 | 53,39 G | |
| 48 | 7-13 | 53,37 G | |
| | 7-14 | 53,28 G | |
| 51 | 8-20 | 53,32 G | |

### 23797 P. — 33839 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | $18^h14^m$ | 76°14' |
| 56 | 8-14 | $38^s$,22 G | |
| 57 | 7-30 | 38,25 G | $35''$,2 G |
| | | III. | |
| | | $18^h15^m$ | 76°14' |
| 71 | 8-28 | $19^s$,36 G | |
| 75 | 8- 9 | 19,49 M | $16''$,1 M |

### 23798 P. — 33827 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | $18^h14^m$ | 84°37' |
| 56 | 7- 1 | $35^s$,79 G | $29''$,9 G |
| 58 | 8-15 | | 30,9 G |
| 59 | 6-14 | 35,62 G | |
| | 8-24 | 35,82 G | |

### 23799 P. — 18118 A.O.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | $18^h13^m$ | 118°28' |
| 49 | 7- 7 | $26^s$,64 G | |

### 23800 P. — 33815 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | $18^h14^m$ | 97°33' |
| 56 | 6-29 | | $38''$,4 G |
| 59 | 6-24 | $36^s$,02 G | |
| | | III. | |
| | | $18^h15^m$ | 97°33' |
| 74 | 8-22 | $24^s$,71 G | $19''$,2 G |

### 23801 P. — 33879 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | $18^h14^m$ | 54°0' |
| 37 | 6-19 | | $6''$,6 F |
| | 8-22 | | 6,1 F |
| 39 | 7-11 [1] | | 5,9 F |
| | | II. | |
| | | $18^h14^m$ | 53°59' |
| 58 | 8- 2 | $57^s$,26 G | $45''$,9 G |
| 60 | 7- 5 | 57,15 G | |

[1] 𝒟 augmentée de 1" : erreur de réduct.

Dates 1800 + — Positions moyennes pour les époques du Catal.

**23802 P. — 33838 et 66 L.**

| | A. M. J. | Æ | ℘ |
|---|---|---|---|
| | I. | 18h14m | 61°4' |
| 48 | 7- 7 | 23s,36 G | |
| 49 | 8-28 | 23,20 G | |
| 52 | 8-18 | 23,40 G | |
| | II. | 18h14m | 61°4' |
| 59 | 9-17 | | 34",5 G |
| | III. | 18h15m | 61°4' |
| 71 | 8-26 | 32s,97 G | |
| 76 | 7-21 | 33,28 M | 14",4 M |

**23803 P. — 4073 R1.**

| | A. M. J. | Æ | ℘ |
|---|---|---|---|
| | I. | 18h43m | 1°17' |
| 38 | 9-27[1] | 46s,68 G | 19",6 F |
| | 10- 3 | 43,13 G | 19,7 F |

[1] ℘ diminuée de 5",5 : l'observation a été faite 13m,85 après le passage au méridien et non pas 18m,85 comme on l'a inscrit au t. II.

**23804 P. — 33812 L.**

| | A. M. J. | Æ | ℘ |
|---|---|---|---|
| | III. | 18h15m | 106°58' |
| 70 | 7-25 | 34s,94 M | 58",8 M |
| 75 | 8-11 | 34,90 M | 59,4 M |

**23805 P. — 319 W1.**

| | A. M. J. | Æ | ℘ |
|---|---|---|---|
| | II. | 18h14m | 82°59' |
| 58 | 7- 3 | 54s,51 G | 55",0 G |

**23806 P. — 33852 L.**

| | A. M. J. | Æ | ℘ |
|---|---|---|---|
| | III. | 18h15m | 81°1' |
| 72 | 7-16 | 42s,47 G | |
| 81 | 7-13 | 42,30 M | 35",1 M |

**23807 P. — 33865 L.**

| | A. M. J. | Æ | ℘ |
|---|---|---|---|
| | II. | 18h15m | 70°8' |
| 58 | 9-12 | | 22",7 G |
| | III. | 18h15m | 70°8' |
| 71 | 8- 7 | | 3",3 G |
| 75 | 7-26 | 42s,80 M | 2,4 M |

**23808 P. — 33859 L.**

| | A. M. J. | Æ | ℘ |
|---|---|---|---|
| | II. | 18h15m | 76°45' |
| 58 | 7-25 | 1s,48 G | |

**23808 P. (suite).**

| | A. M. J. | Æ | ℘ |
|---|---|---|---|
| | III. | 18h15m | 76°44' |
| 71 | 8- 9 | 42s,87 G | 57",5 G |
| | 8-16 | 43,11 G | |

**23809 P. — 33920 L.**

| | A. M. J. | Æ | ℘ |
|---|---|---|---|
| | I. | 18h14m | 41°30' |
| 40 | 8-12 | 56s,64 G | |

**23810 P. — 33840 L.**

| | A. M. J. | Æ | ℘ |
|---|---|---|---|
| | II. | 18h14m | 89°54' |
| 57 | 6-28 | | 19",4 G |
| | 7-18 | 58s,77 G | 19,7 G |
| | 7-27 | 58,69 G | 19,0 G |
| | 8-18 | 58,78 G | |
| 58 | 8-28 | 58,74 G | |
| 59 | 7- 2 | 58,70 G | |

**23811 P. — 33908 L.**

| | A. M. J. | Æ | ℘ |
|---|---|---|---|
| | III. | 18h15m | 46°11' |
| 80 | 8- 9 | 45s,69 G | |

**23812 P. — 33806 L.**

| | A. M. J. | Æ | ℘ |
|---|---|---|---|
| | II. | 18h15m | 116°14 |
| 59 | 9- 5 | | 6",4 G |
| | III. | 18h15m | 116°13' |
| 79 | 7-19 | 47s,24 J | 47",8 J |
| | 8- 4 | 47,10 J | 50,3 J |

**23813 P. — 33856 L.**

| | A. M. J. | Æ | ℘ |
|---|---|---|---|
| | II. | 18h15m | 80°53' |
| 58 | 7- 2 | 6s,68 G | 56",7 G |
| 59 | 8-25 | 6,90 G | |

**23814 P. — 33886 L.**

| | A. M. J. | Æ | ℘ |
|---|---|---|---|
| | III. | 18h15m | 58°59' |
| 81 | 7- 6 | 50s,80 J | 16",2 J |

**23815 P. — 33880-81 L**

| | A. M. J. | Æ | ℘ |
|---|---|---|---|
| | II. | 18h15m | 62°32' |
| 58 | 7-17[1] | 15s,38 G | 3",2 G |

[1] ℘ diminuée de 1° : erreur de transcr.

**23816 P.**

20 ε Sagittaire.

Étoile fondamentale.

**23817 P. — 33846-47 L.**

| | A. M. J. | Æ | ℘ |
|---|---|---|---|
| | II. | 18h15m | 91°15' |
| 57 | 7-12 | | 56",7 G |
| | 8-10 | 9s,33 G | 56,3 G |
| | 8-11 | | 57,1 G |
| | 8-22 | | 57,3 G |
| 59 | 7-12 | 9,51 G | 56,7 G |
| | III. | 18h15m | 91°15' |
| 78 | 7-30 | 55s,97 G | 37",2 G |
| | 7-31 | 55,95 G | 35,3 G |

**23818 P. — 33892 L.**

| | A. M. J. | Æ | ℘ |
|---|---|---|---|
| | I. | 18h14m | 60°12' |
| 46 | 6-11 | 58s,89 G | 39",0 G |
| | 7- 2 | | 37,3 G |
| | 7-28 | 59,06 G | |
| | 8-29 | 59,08 G | |
| | 9- 2 | 58,95 G | 39,5 G |
| | 9- 3 | 59,07 G | |
| | 9- 4 | 59,09 G | |
| | 9- 6 | 58,97 G | |
| | 9- 7 | 58,99 G | |
| | 9-10 | 58,99 G | |
| | 9-11 | 59,11 G | |
| 48 | 7-11 | 59,15 G | 38,1 G |
| 49 | 7- 5 | 59,15 G | |
| 50 | 7-22 | | 39,6 G |

**23819 P. — 33889-90 L.**

| | A. M. J. | Æ | ℘ |
|---|---|---|---|
| | I. | 18h14m | 61°11 |
| 39 | 7-28 | 58s,37 G | |
| | 8-21 | 58,17 G | 59",4 F |
| 52 | 8-11 | | 58,1 F |
| | II. | 18h15m | 61°11' |
| 58 | 7-12 | | 37",8 G |

**23820 P. — 33845 L.**

| | A. M. J. | Æ | ℘ |
|---|---|---|---|
| | II. | 18h15m | 102°4' |
| 54 | 9- 4 | 22s,01 G | |
| 56 | 7-23 | | 46",8 G |
| 58 | 6-12 | | 43,4 G |
| | III. | 18h16m | 102°4' |
| 79 | 6-18 | 12s,49 J | 25",3 J |

**23821 P. — 33876 L.**

| | A. M. J. | Æ | ℘ |
|---|---|---|---|
| | II. | 18h15m | 74°25' |
| 56 | 6-25 | | 52",0 G |
| 57 | 6- 6 | | 52,9 G |
| 58 | 8-16 | 32s,58 G | 53,1 G |
| 59 | 7-10 | 32,36 G | 52,7 G |

**23822 P. — 33932 et 34.**

| | A. M. J. | Æ | ℘ |
|---|---|---|---|
| | III. | 18h16m | 48°3' |
| 69 | 7-15 | 13s,98 M | 7",0 M |
| | 7-15 | | 4,9 G |

**23823 P. — 3750 A + 20°.**

| | A. M. J. | Æ | ℘ |
|---|---|---|---|
| | II. | 18h15m | 69°33' |
| 61 | 7-18 | 36s,58 G | |

**23824 P. — 33850 L.**

| | A. M. J. | Æ | ℘ |
|---|---|---|---|
| | II. | 18h15m | 102°21' |
| 58 | 7- 4 | 28s,08 G | 56",5 G |
| 59 | 8-23 | 27,82 G | 58,0 G |
| | III. | 18h16m | 102°21' |
| 68 | 7-10 | 18s,60 M | 36",2 M |

**23825 P. — 33896 L.**

| | A. M. J. | Æ | ℘ |
|---|---|---|---|
| | II. | 18h15m | 65°0' |
| 57 | 5-16 | 44s,56 G | |
| 60 | 7-15 | 44,26 G | |
| | 8-16 | 44,30 G | 23",1 F |

**23826 P. — 33874 L.**

| | A. M. J. | Æ | ℘ |
|---|---|---|---|
| | II. | 18h15m | 82°50' |
| 57 | 8-28 | | 16",9 G |
| 58 | 4-24 | 40s,28 G | |
| | 7- 1 | 40,20 G | 17,8 G |
| 59 | 7-21 | 40,43 G | 20,7 G |
| 61 | 6-30 | 40,23 G | |

**23827 P. — 5025 Sf. — 14°.**

| | A. M. J. | Æ | ℘ |
|---|---|---|---|
| | I. | 18h14m | 104°58' |
| 49 | 8-15 | 45s,53 G | |

**23828 P. — 3401 A + 21°.**

| | A. M. J. | Æ | ℘ |
|---|---|---|---|
| | II. | 18h15m | 68°3' |
| 58 | 7-15 | 53s,65 G | |

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### 23829 P. — 33899 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | II. | 18h 15m | 70° 20' |
| 58 | 6- 3 | 56s,18 G | |

### 23830 P. — 33927 et 29 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | II. | 18h 16m | 57° 10' |
| 67 | 8-12 | 2s,28 G | 57",9 G |
| | III. | 18h 16m | 57° 10' |
| 68 | 7-25 | | 34",8 G |
| | 8-13 | | 34,6 G |
| 75 | 7-12 | 35s,36 M | 37,2 M |
| 76 | 8- 5 | 35,11 M | 37,3 M |

### 23831 P. — 33906 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | I. | 18h 15m | 68° 48' |
| 45 | 5-23 | | 3",3 F |
| | II. | 18h 16m | 68° 47' |
| 58 | 6-30 | 3s,40 G | |
| | III. | 18h 16m | 68° 47' |
| 73 | 7-22 | 41s,96 G | 22",8 G |
| 80 | 7-15 | 41,98 M | 23,9 M |

### 23832 P. — 33936-37 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | III. | 18h 16m | 57° 7' |
| 81 | 7- 4 | 43s,46 J | 6",3 J |

### 23833 P. — 33888 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | II. | 18h 16m | 82° 51' |
| 57 | 8-27 | | 31",5 G |
| 58 | 4-24 | 2s,26 G | |
| | 7- 1 | 2,20 G | |
| 61 | 6-30 | 2,15 G | |
| | III. | 18h 16m | 82° 51' |
| 80 | 7- 5 | | 11",8 G |

### 23834 P. — 33895 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | II. | 18h 16m | 78° 2' |
| 56 | 7-16 | 4s,53 G | 10",0 G |
| 58 | 9-11 | | 11,8 G |
| | III. | 18h 16m | 78° 1' |
| 80 | 8- 1 | 46s,41 M | 49",7 M |

### 23835 P. — 351 W1.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | II. | 18h 16m | 80° 17' |
| 63 | 7-29 [1] | 5s,40 M | 14",3 M |

[1] En distance polaire, l'observation a été faite sur le même calage que celle de l'étoile suivante (33996 L.) avec une différence de 31oP,6 dans la lecture micrométrique : elle avait été réduite par erreur comme si elle avait été faite sur le même calage que celle de l'étoile précédente (δ Sagittaire).

### 23836 P. — 33944 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | III. | 18h 16m | 55° 10' |
| 81 | 7-30 | 51s,07 J | 46",6 J |

### 23837 P. — 33877-78 L[1].

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | II. | 18h 16m | 96° 19' |
| 56 | 8- 2 | 4s,45 G | 1",9 G |
| 60 | 7-30 | 4,56 G | |
| 61 | 6-27 | 4,31 G | 1,8 G |
| | III. | 18h 16m | 96° 18' |
| 74 | 8-21 | 52s,68 G | 41",1 G |

[1] La dist. pol. de 33878 L. doit être dim de 30".

### 23838 P. — 33926 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | I. | 18h 15m | 66° 47' |
| 40 | 6-24 [1] | 40s,83 G | |
| | 8-28 | 40,76 G | |
| 46 | 7- 7 | 40,99 G | |
| | 7-30 | 41,10 G | |
| | 8-14 | | 20",7 G |
| | 9-29 | 40,93 G | |
| 47 | 6-12 | 40,77 G | |
| 48 | 7- 5 [2] | 40,74 G | |
| 52 | 7-22 | 40,78 G | |
| | II. | 18h 16m | 66° 46' |
| 58 | 7-14 | 18s,30 G | 60",0 G |
| | 9-10 | | 58,8 G |
| 59 | 6-10 | 18,25 G | |

[1] Erreur de 2° dans la déclin. approchée inscrite au tome III (distance des fils).

[2] 𝒜 diminuée de 2m : erreur de transcr.

### 23839 P. — 33873 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | II. | 18h 16m | 102° 39' |
| 56 | 8- 1 | | 11",1 G |
| 60 | 6-29 | 7s,43 G | |
| | III. | 18h 16m | 102° 38' |
| 78 | 8- 3 | 58s,38 G | 49",8 G |
| | 8- 6 | 58,19 G | 50,4 G |

### 23840 P. — 52 Piazzi.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | I. | 18h 15m | 120° 49' |
| 39 | 9- 9 | 3s,74 G | |
| 40 | 8- 4 | | 43",0 F |

### 23841 P. — 33986 à 88 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | I. | 18h 16m | 38° 43' |
| 40 | 7- 7 [1-2] | | 3",6 F |
| | 7- 9 [2] | | 3,7 F |
| | 8- 5 [2] | | 3,5 F |
| 41 | 7-10 [2] | | 3,1 F |
| | III. | 18h 17m | 38° 42' |
| 80 | 8-10 | 0s,30 G | 21",7 G |
| 81 | 7- 4 | 0,37 G | 24,2 G |

[1] 𝒫 diminuée de 30" : err. de moyenne.

[2] Observations faites près du zénith sans indication de la position de l'observateur : on n'a pas tenu compte de la valeur de l'équation personnelle dans le calcul de la distance polaire.

### 23842 P. — 24 Petite Ourse.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | I. | 18h 28m | 3° 1' |
| 39 | 1- 5 I | 3s,39 G | |
| | 7-28 | 5,93 G | |
| | 8- 1 | 5,76 G | |
| 40 | 8- 1 | 3,92 G | 46",1 F |
| | 8- 3 | 4,19 G | |
| | 8- 8 | 7,83 G | |
| | 8- 9 | 6,42 G | |
| | 8-20 | | 47,9 F |
| | 8-27 | 5,62 G | |
| | 8-28 | 6,29 G | |
| | 8-29 | | 47,7 F |
| | 8-30 | 5,06 G | |
| | 8-31 | | 47,9 F |
| 50 | 8-13 | 4,31 G | |
| 51 | 7-24 | 5,77 G | |
| 53 | 1-15 I | 4,48 G | |
| | 1-28 I | 5,25 G | |
| | 2-25 I | 6,30 G | |
| | 6- 5 | 4,26 G | |
| | 7-28 | 9,38 G | |
| | 8- 8 | 4,88 G | |
| | 8- 9 | 4,93 G | |
| | 9- 3 | 2,01 G | |

### 23843 P. — 33893 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | II. | 18h 16m | 89° 43' |
| 57 | 5-19 | 18s,85 G | 24",6 G |
| | 6- 4 | 18,67 G | |
| | III. | 18h 17m | 89° 43' |
| 73 | 8- 4 | 4s,95 M | 7",5 M |

### 23844 P. — 33919 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | II. | 18h 16m | 74° 10' |
| 58 | 7-19 | 25s,88 G | 32",5 G |
| | III. | 18h 17m | 74° 10' |
| 81 | 7-11 [1] | 6s,06 M | 10",0 M |

[1] 𝒫 diminuée de 5'.

### 23845 P. — 33921 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | II. | 18h 16m | 74° 16' |
| 60 | 8-12 | 27s,54 G | |

### 23846 P. — 33950 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | III. | 18h 17m | 60° 0' |
| 73 | 7-25 | 11s,15 G | |
| 75 | 7-15 | 11,24 M | 48",7 M |

### 23847 P. — 33909 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | II. | 18h 16m | 86° 58' |
| 57 | 8-21 | 31s,04 G | 28",1 G |
| 58 | 9-13 | | 29,3 G |
| | III. | 18h 17m | 86° 58' |
| 72 | 7-22 | 16s,09 M | 7",2 M |

### 23848 P. — 6449 Rümker.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | I. | 18h 15m | 72° 15' |
| 48 | 7-19 | 58s,19 G | |

### 23849 P. — 33905 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | II. | 18h 16m | 91° 12' |
| 57 | 7-10 | | 51",5 G |
| | III. | 18h 17m | 91° 12' |
| 76 | 6-26 | 21s,66 M | 30",0 G |
| | 8- 1 | 21,92 G | 30,0 G |
| | 8- 4 | 22,09 G | 30,6 G |

### 23850 P. — 33948 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | III. | 18h 17m | 66° 35' |
| 70 | 7-22 | 22s,70 G | 25",8 G |
| | 7-29 | 22,63 G | |
| 74 | 7-21 | 22,56 M | 27,8 M |

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**23851 P. — 33960 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| III. | | $18^h17^m$ | 57°8' |
| 74 | 8-22[1] | $23^s,67$ M | 41",3 M |
| 76 | 7-17 | 23,41 G | 40,4 G |

[1] 𝒜 dim. de $0^s,23$ : err. de réduct.

**23852 P. — 33946 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| III. | | $18^h17^m$ | 70°54' |
| 71 | 8-28 | $28^s,48$ G | |
| 75 | 7-31 | 28,60 M | 42",4 M |
| 76 | 8- 8 | 28,65 M | 41,0 M |

**23853 P. — 33941-42 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| II. | | $18^h16^m$ | 73°22' |
| 58 | 7-11 | $48^s,81$ G | 44",2 G |
| | 8- 3 | 48,57 G | 44,8 G |
| | 8-13 | 48,56 G | 44,6 G |
| 59 | 8-13 | 48,53 G | |
| III. | | $18^h17^m$ | 73°22' |
| 71 | 8-10 | $28^s,57$ G | |
| 75 | 7-28 | 28,83 G | 22",4 G |

**23854 P. — 33910 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| I. | | $18^h15^m$ | 93°39' |
| 41 | 8-13 | $54^s,32$ G | 22",7 F |
| | 8-14 | 54,41 G | |
| | 8-27 | 54,34 G | |
| | 8-28 | 54,43 G | |
| | 8-30 | 54,26 G | |
| | 9-11 | 54,22 G | |
| II. | | $18^h16^m$ | 93°39' |
| 58 | 6-11 | | 1",0 G |
| 60 | 7-19 | $41^s,73$ G | 2,9 G |
| III. | | $18^h17^m$ | 93°38' |
| 76 | 8- 8 | $28^s,95$ G | 39",1 G |
| 77 | 7-31 | 28,96 G | |
| | 8- 2 | 29,03 G | |

**23855 P. — 3624 A + 13°.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| II. | | $18^h16^m$ | 76°45' |
| 58 | 7-25 | $50^s,47$ G | 58",3 G |

**23856 P. — 33885 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| II. | | $18^h16^m$ | 113°3' |
| 55 | 8-17 | $38^s,97$ G | |
| III. | | $18^h17^m$ | 113°2' |
| 79 | 7-15 | $33^s,56$ M | 41",6 M |
| 81 | 7- 4 | 33,50 M | 41,7 M |
| | 7-21 | 33,68 M | 43,9 M |
| | 7-29 | 33,34 M | 41,3 M |

**23857 P. — 33955 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| II. | | $18^h16^m$ | 69°6' |
| 59 | 7-26 | $57^s,42$ G | |
| III. | | $18^h17^m$ | 69°5' |
| 70 | 7-12 | $36^s,09$ G | |
| | 7-20 | 36,09 G | 51",5 G |
| 75 | 7-28 | 36,08 M | 51,6 M |
| 76 | 8- 2 | 36,05 M | 52,3 M |

**23858 P. — 33947 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| II. | | $18^h16^m$ | 75°22' |
| 57 | 7-15 | $58^s,06$ G | 3",5 G |
| III. | | $18^h17^m$ | 75°21' |
| 81 | 7- 2 | $38^s,81$ M | 41",7 M |
| | 7- 5 | 38,84 M | 41,8 M |

**23859 P. — 33894 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| III. | | $18^h17^m$ | 108°36' |
| 70 | 6-21 | $39^s,79$ M | 10",5 M |
| 79 | 6-25 | 39,82 J | 9,3 J |
| | 7-15 | 39,91 J | 10,6 J |

**23860 P. — 33962 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| III. | | $18^h17^m$ | 63°50 |
| 73 | 7-21 | $39^s,88$ G | 6",0 G |
| 76 | 7-14 | 39,82 G | 4,9 G |

**23861 P. — 33903 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| II. | | $18^h16^m$ | 102°32' |
| 54 | 8-27 | $50^s,02$ G | |
| 57 | 9- 5 | | 44",0 G |
| III. | | $18^h17^m$ | 102°32' |
| 78 | 8- 2 | $40^s,70$ G | 22",0 G |

**23862 P. — 33915 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| I. | | $18^h16^m$ | 98°14' |
| 52 | 6-26 | $3^s,71$ G | |
| | 6-28 | 3,81 G | |

**23863 P. — 34126 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| I. | | $18^h17^m$ | 21°19' |
| 46 | 7- 4 | | 14",3 G |
| 47 | 6-28[1] | $53^s,01$ G | |

[1] 𝒜 augmentée de $47^s,47$ : erreur d'un rang dans l'ordre des fils observés.

**23864 P. — 4596 Sf. — 7°.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| II. | | $18^h16^m$ | 97°32' |
| 59 | 6-24 | $54^s,14$ G | |

**23865 P. — 33935 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| II. | | $18^h16^m$ | 88°34' |
| 58 | 8-15 | | 9",7 G |
| III. | | $18^h17^m$ | 88°33' |
| 73 | 8- 1 | $44^s,10$ M | 47",9 M |
| 75 | 7-23 | 44,25 M | 46,5 M |
| 76 | 8- 1 | 44,19 M | 45,8 M |

**23866 P. — 25106 Gould.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| I. | | $18^h15^m$ | 121°49' |
| 39 | 8-24 | $50^s,64$ G | |
| 45 | 7- 9[1] | | 58",2 F |

[1] 𝒫 diminuée de 1" : erreur de réduction.

**23867 P. — 5035 Sf. — 14°.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| II. | | $18^h17^m$ | 104°10' |
| 67 | 7-30 | $2^s,12$ M | 58",2 M |

**23868 P. — 34001-02 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| III. | | $18^h17^m$ | 48°50' |
| 80 | 7-31 | $53^s,63$ G | 46",7 G |
| 81 | 6-29 | 53,72 G | 45,0 G |
| | 7- 2 | 53,67 G | 45,7 G |

**23869 P. — 33971 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| III. | | $18^h17^m$ | 62°32' |
| 81 | 7- 3 | $53^s,75$ J | 36",3 J |

**23870 P. — 33904 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| I. | | $18^h16^m$ | 110°37' |
| 40 | 8- 1 | | 6",8 F |
| | 8- 2 | $7^s,18$ G | |
| 46 | 7- 3 | 6,81 G | 9,6 G |
| 47 | 5- 4[1] | 7,26 G | |
| | 8-16 | 7,22 G | |
| | 8-21 | 7,15 G | |
| | 8-25 | 7,03 G | |
| 48 | 7-10 | 7,14 G | |
| 50 | 7-30[2] | 7,15 G | |
| II. | | $18^h17^m$ | 110°36' |
| 55 | 8-16 | $0^s,66$ G | |
| 59 | 8- 3 | | 43",5 G |

**23870 P. (suite).**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| III. | | $18^h17^m$ | 110°36' |
| 68 | 6- 6 | $54^s,30$ M | 21",7 M |
| | 7-31 | 54,11 M | 21,4 M |
| | 7-31 | 54,42 G | 22,2 G |
| | 8-26 | 54,30 M | 21,9 M |
| | 8-27 | 54,40 M | 21,7 M |
| 69 | 7-21 | 54,23 M | 21,2 M |
| 75 | 7-31 | 54,27 G | 22,5 G |
| | 8-10 | 54,22 G | 24,0 G |

[1] 𝒜 diminuée de $1^m$.
[2] 𝒜 augmentée de $1^m$.

**23871 P. — 33933 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| II. | | $18^h17^m$ | 97°8' |
| 56 | 8- 1 | $7^s,19$ G | |
| 61 | 8- 1 | 7,39 G | 45",4 G |
| III. | | $18^h17^m$ | 97°8' |
| 74 | 7-18 | $56^s,04$ G | 22",7 G |

**23872 P. — 33923 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| III. | | $18^h17^m$ | 91°7' |
| 76 | 7-26 | $56^s,35$ G | 29",6 G |
| | 8- 5 | 56,37 G | 30,6 G |
| 78 | 7-18 | 56,45 G | 30,2 G |

**23873 P. — 33938-39 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| II. | | $18^h17^m$ | 96°40' |
| 57 | 7-11 | $11^s,64$ G | 23",0 G |
| | 8-13 | | 24,1 G |
| 58 | 5-26 | 11,77 G | |
| | 9-11 | | 23,6 F |
| III. | | $18^h17^m$ | 96°40' |
| 74 | 7-13[1] | $59^s,99$ G | 0",8 G |

[1] 𝒜 augmentée de $1^s$ : erreur de moyenne.

**23874 P. — 2553 Gr.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| I. | | $18^h17^m$ | 40°20' |
| 40 | 8- 8[1] | $14^s,16$ G | 50",2 F |
| | 8-12 | 14,22 G | |

[1] Observation de distance polaire faite près du zénith sans indication de la position de l'observateur : on n'a pas tenu compte de la valeur de l'équation personnelle dans le calcul de la distance polaire.

| Dates 1800+ A. | M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|---|

### 23875 P. — 33949 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h 17^m$ | 86°25′ |
| 56 | 5-23 | | 45″,0 G |
| | 7- 2 | $17^s,41$ G | |
| | | III. | |
| | | $18^h 18^m$ | 86°25′ |
| 79 | 8- 2 | $2^s,14$ M | 19″,3 M |

### 23876 P. — 33997 et 99 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h 17^m$ | 53°9′ |
| 67 | 8-10 | $34^s,28$ G | 55″,2 G |
| | | III. | |
| | | $18^h 18^m$ | 53°9′ |
| 68 | 8- 1 | $5^s,36$ G | 32″,8 G |
| | 8- 7 | 5,27 G | 32,3 G |
| 74 | 8-21 | 5,39 M | 33,0 M |

### 23877 P. — 33964 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h 17^m$ | 75°9′ |
| 67 | 8- 7 | $24^s,95$ M | 38″,6 M |
| | | III. | |
| | | $18^h 18^m$ | 75°9′ |
| 71 | 8- 1 | $6^s,02$ G | |

### 23878 P. — 33928 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h 17^m$ | 105°11′ |
| 54 | 8-28 | $14^s,31$ G | 42″,3 G |
| 60 | 8- 6 | 14,65 G | |
| 62 | 6-23 | 14,73 G | 41,1 G |

### 23879 P. — 34011-12 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $18^h 17^m$ | 47°47′ |
| 40 | 8- 9 | $10^s,65$ G | |
| | 8-14 | 10,48 G | |
| | 8-15 | 10,39 G | |
| | 8-31 | | 7″,5 F |
| | | III. | |
| | | $18^h 18^m$ | 47°46′ |
| 80 | 8-26 | $6^s,59$ G | 21″,2 G |

### 23880 P. — 18164 A.O.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $18^h 17^m$ | 40°28′ |
| 40 | 8- 8 | $22^s,27$ G | |

### 23881 P. — 33991 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $18^h 18^m$ | 59°56′ |
| 81 | 7-13[1] | $12^s,49$ J | 25″,0 J |
| | 7-17 | 12,35 J | 26,5 J |

[1] 𝒜 diminuée de $0^s,18$ : erreur de réduct.

### 23882 P. — 33951 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h 17^m$ | 91°56′ |
| 57 | 7-13 | $26^s,47$ G | |
| | | III. | |
| | | $18^h 18^m$ | 91°56′ |
| 68 | 8- 7 | $13^s,33$ M | 11″,0 M |
| 75 | 7-29 | 13,49 M | 10,3 M |
| 76 | 7-26 | 13,35 M | 11,3 M |

### 23883 P. — 33979 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h 17^m$ | 66°36′ |
| 63 | 6-24[1] | $36^s,11$ M | 53″,8 M |
| | | III. | |
| | | $18^h 18^m$ | 66°36′ |
| 80 | 8- 8[2] | $13^s,65$ M | 31″,2 M |
| 81 | 7-19 | 13,47 M | 33,0 M |
| | 7-28 | 13,59 M | 31,3 M |
| | 7-30 | 13,30 M | 31,4 M |

[1] 𝒫 diminuée de 1′ : err. de transcript.
[2] 𝒜 diminuée de $1^m$.

### 23884 P. — 4865 Sf. — 16°.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $18^h 18^m$ | 106°15′ |
| 70 | 7-14 | $14^s,88$ M | 54″,1 M |

### 23885 P. — 33968 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $18^h 18^m$ | 75°27′ |
| 71 | 8- 9 | $16^s,67$ G | 45″,5 G |
| 75 | 8-11 | 16,59 G | 47,4 G |

### 23886 P. — 33990 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h 17^m$ | 64°4′ |
| 59 | 6-13 | $43^s,82$ G | 22″,2 G |
| | | III. | |
| | | $18^h 18^m$ | 64°3′ |
| 70 | 7-15 | $20^s,04$ G | 58″,2 G |
| 71 | 8-26 | 19,74 G | |

### 23887 P. — 34016 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $18^h 18^m$ | 49°41′ |
| 81 | 6-14 | $20^s,05$ G | 10″,4 G |
| | 7-21 | 19,92 G | 11,3 G |
| | 7-26 | 20,24 G | 10,6 G |
| | 7-28 | | 8,0 G |

### 23888 P. — 34041 à 43 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $18^h 17^m$ | 40°57′ |
| 40 | 8- 8[1] | | 17″,2 F |
| 41 | 8-24[1] | | 14,8 F |
| | | II. | |
| | | $18^h 17^m$ | 40°56′ |
| 64 | 7- 8 | | 50″,4 G |
| | 7-13 | | 50,9 G |
| | 7-15 | | 51,7 G |
| | 7-18 | | 50,9 G |
| | 7-27 | | 49,1 G |
| 65 | 7-15 | | 51,3 G |

[1] Observations faites près du zénith sans indication de la position de l'observateur : on n'a pas tenu compte de la valeur de l'équation personnelle dans le calcul de la distance polaire.

### 23889 P. — 33982 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $18^h 17^m$ | 68°17′ |
| 37 | 8- 7 | $5^s,42$ G | |
| 39 | 8-13 | 5,52 G | |
| 42 | 6-21 | 5,64 G | |
| | 6-23 | 5,69 G | |
| 46 | 7-21 | 5,72 G | |
| | 7-22 | 5,70 G | |
| | 7-27 | 5,73 G | |
| | 7-28 | 5,69 G | |
| 47 | 8-30 | 5,78 G | |
| | | II. | |
| | | $18^h 17^m$ | 68°17′ |
| 57 | 5-16 | $43^s,89$ G | |
| 58 | 7-13 | 43,83 G | 27″,4 G |
| | 9-10 | | 27,3 G |
| 63 | 6-23 | 44,03 G | |
| | 6-24 | 43,96 G | |
| | 7-13 | 43,97 G | |
| | 7-28 | 43,92 G | |
| | 7-30 | 43,91 G | |
| | 8- 9 | 44,06 G | |
| | 8-10 | 43,91 G | |
| | 8-13 | 43,93 G | |
| 64 | 7- 6 | 43,99 G | |
| | | III. | |
| | | $18^h 18^m$ | 68°17′ |
| 72 | 7- 4 | $22^s,12$ G | |
| | 7- 9 | 22,37 G | |
| | 7-20 | 22,31 G | |
| | 7-21 | 22,25 G | |
| | 8-17 | 22,24 G | |
| | 8-18 | 22,27 G | |
| | 8-19 | 22,23 G | |
| | 8-20 | 22,15 G | |

### 23890 P. — 33992 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $18^h 18^m$ | 63°38′ |
| 74 | 8-13 | $22^s,39$ M | 24″,7 M |
| 75 | 7-20 | 22,58 M | 24,2 M |
| | 7-26 | 22,50 M | 25,1 M |

### 23891 P. — 33959 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h 17^m$ | 91°39′ |
| 56 | 6-28 | $41^s,70$ G | 5″,7 G |
| | | III. | |
| | | $18^h 18^m$ | 91°38′ |
| 68 | 9- 7 | $28^s,34$ M | 42″,2 M |
| | 9- 9 | 28,27 M | 43,3 M |

### 23892 P. — 33945 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h 17^m$ | 105°13′ |
| 54 | 8-29 | $36^s,63$ G | |
| 58 | 6-12 | | 35″,2 G |
| 60 | 8- 6 | 36,94 G | 35,3 G |
| 67 | 7-29 | 36,62 M | 34,4 M |
| | | III. | |
| | | $18^h 18^m$ | 105°13′ |
| 78 | 8- 7 | $28^s,44$ G | 11″,2 G |
| | 8-14 | 28,18 G | 9,8 G |

### 23893 P. — 34003-04 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h 17^m$ | 62°33′ |
| 67 | 7- 8 | | 42″,1 G |
| | | III. | |
| | | $18^h 18^m$ | 62°33′ |
| 79 | 6-28 | $31^s,08$ G | 18″,6 G |
| | 7- 4 | 30,95 G | 18,5 G |
| | 7-10 | 30,97 G | 17,8 G |
| 81 | 7- 2 | 31,00 J | 17,7 J |

### 23894 P. — 3234 A + 26°.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $18^h 18^m$ | 63°42′ |
| 75 | 8-16 | $31^s,74$ M | 3″,7 M |

### 23895 P. — 34022 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $18^h 18^m$ | 50°48′ |
| 81 | 7-19 | $31^s,85$ J | 13″,3 J |
| | 7-21 | 31,94 J | 12,9 J |
| | 7-29 | 31,75 J | 13,2 J |

Columns in each table: Dates 1800 + (A. M. J.) | Positions moyennes pour les époques du Catal.: AR, D.

**23896 P. — 33998 L.**

| Dates | AR | D |
|---|---|---|
| II. | 18h 17m | 66°23' |
| 59 9-17 | | 24",9 G |
| III. | 18h 18m | 66°22' |
| 79 7-13 | 35s,66 G | |
| 8-11 | 35,49 G | 58",2 G |
| 8-12 | 35,52 G | 59,0 G |

**23897 P. — 3738 A + 6°.**

| Dates | AR | D |
|---|---|---|
| III. | 18h 18m | 83°2' |
| 72 7-14 | 36s,97 M | 30",8 M |

**23898 P. — 33976 L.**

| Dates | AR | D |
|---|---|---|
| II. | 18h 17m | 82°50' |
| 58 6-7 | 58s,38 G | 28",7 G |
| 59 6-14 | 58,41 G | |
| 7-2 | 58,54 G | |
| 8-25 | 58,48 G | |
| 61 6-30 | 58,54 G | |
| 63 8-4 | 58,57 M | 29,8 M |

**23899 P. — 34000 L.**

| Dates | AR | D |
|---|---|---|
| II. | 18h 18m | 69°37' |
| 58 7-17 | 4s,77 G | 15",7 G |
| 60 9-12 | 4,83 G | |
| III. | 18h 18m | 69°36' |
| 73 7-22 | 43s,55 G | 51",7 G |

**23900 P. — 33994 L.**

| Dates | AR | D |
|---|---|---|
| II. | 18h 18m | 74°24' |
| 57 7-30 | 4s,41 G | 58",0 G |
| III. | 18h 18m | 74°24' |
| 71 8-7 | 44s,92 G | 35",2 G |

**23901 P. — 33985 L.**

| Dates | AR | D |
|---|---|---|
| II. | 18h 18m | 79°53' |
| 58 9-12 | | 21",0 G |
| 59 7-10 | 3s,27 G | 19,7 G |
| 63 8-8 | 3,16 M | 21,4 M |
| III. | 18h 18m | 79°52' |
| 79 7-15 | 45s,83 G | 56",5 G |

**23902 P. — 3456 A + 15°.**

| Dates | AR | D |
|---|---|---|
| II. | 18h 18m | 74°23' |
| 57 7-30 | 8s,67 G | |

**23903 P. — 33983 L.**

| Dates | AR | D |
|---|---|---|
| II. | 18h 18m | 83°2' |
| 57 7-23 | 6s,74 G | |
| III. | 18h 18m | 83°2' |
| 74 7-6 | 50s,52 M | 22",4 M |

**23904 P. — 18204-05 A.O.**

| Dates | AR | D |
|---|---|---|
| I. | 18h 17m | 108°37' |
| 49 8-15 | 6s,22 G | |

**23905 P. — 33981 L.**

| Dates | AR | D |
|---|---|---|
| II. | 18h 18m | 86°34' |
| 57 7-18 | 7s,64 G | 21",7 G |
| III. | 18h 18m | 86°33' |
| 72 7-16 | 52s,57 G | |
| 75 7-6 | 52,54 G | 56",8 G |
| 7-15 | 52,50 G | 57,6 G |

**23906 P. — 528 et 30 W2.**

| Dates | AR | D |
|---|---|---|
| III. | 18h 18m | 47°2' |
| 76 7-21 [1] | 54s,03 M | 36",3 M |
| 81 6-14 | 53,96 M | |

[1] AR augmentée de 1s, erreur de 2s sur les fils observés avant le passage au méridien.

**23907 P. — 33961 L.**

| Dates | AR | D |
|---|---|---|
| II. | 18h 18m | 106°0' |
| 54 9-7 | 4s,80 G | |
| III. | 18h 18m | 106°0' |
| 68 7-10 | 56s,45 M | 15",3 M |
| 75 8-11 | 56,53 M | 14,2 M |

**23908 P. — 34036 L.**

| Dates | AR | D |
|---|---|---|
| III. | 18h 18m | 84°58' |
| 79 6-29 | 59s,34 G | 57",6 G |

**23909 P. — 33996 L.**

| Dates | AR | D |
|---|---|---|
| II. | 18h 18m | 80°20' |
| 57 8-22 | | 14",4 G |
| 63 7-29 | 19s,41 M | 16,0 M |
| 8-11 | 19,32 M | 16,4 M |
| 8-12 | 19,33 M | 15,7 M |

**23910 P. — 11936 Bonn.**

| Dates | AR | D |
|---|---|---|
| I. | 18h 18m | 47°42' |
| 40 8-14 | 7s,15 G | |

**23911 P. — 33966 L.**

| Dates | AR | D |
|---|---|---|
| II. | 18h 18m | 108°9' |
| 55 8-11 | 15s,23 G | |
| III. | 18h 19m | 108°9' |
| 79 6-18 | 7s,88 J | 18",9 J |
| 7-20 | 7,87 J | 18,3 J |

**23912 P. — 34058 L.**

| Dates | AR | D |
|---|---|---|
| III. | 18h 19m | 46°7' |
| 68 7-25 | 7s,90 M | 54",4 M |

**23913 P. — 34049 L.**

| Dates | AR | D |
|---|---|---|
| III. | 18h 19m | 51°45' |
| 81 8-8 | 10s,32 J | 41",2 J |
| 8-14 [1] | 10,41 J | 41,0 J |

[1] AR augmentée de 0s,50 : erreur de 1s sur les trois derniers fils.

**23914 P. — 516 W2.**

| Dates | AR | D |
|---|---|---|
| II. | 18h 18m | 73°16' |
| 59 8-13 | 30s,07 G | |

**23915 P. — 34046 L.**

| Dates | AR | D |
|---|---|---|
| III. | 18h 19m | 59°37' |
| 81 7-6 | 10s,84 J | 22",6 J |
| 7-18 | 10,93 J | 22,1 J |

**23916 P. — 34028-29 L.**

| Dates | AR | D |
|---|---|---|
| II. | 18h 18m | 63°44' |
| 58 7-15 | 36s,59 G | 28",1 G |
| III. | 18h 19m | 63°44' |
| 70 7-19 | 12s,64 G | 4",1 G |
| 73 7-15 | 12,53 G | 4,2 G |
| 74 7-20 | 12,65 M | 4,4 M |

**23917 P. — 33970 L.**

| Dates | AR | D |
|---|---|---|
| II. | 18h 18m | 105°42' |
| 55 8-2 | 21s,26 G | |
| III. | 18h 19m | 105°41' |
| 78 8-9 | 12s,95 M | 57",3 G |
| 8-16 | 12,95 G | 58,1 G |

**23918 P. — 34038 L.**

| Dates | AR | D |
|---|---|---|
| III. | 18h 19m | 58°42' |
| 81 8-2 | 13s,14 J | 27",0 J |

**23919 P. — 415 W1.**

| Dates | AR | D |
|---|---|---|
| II. | 18h 18m | 84°40' |
| 57 8-21 [1] | 31s,00 G | |

[1] AR diminuée de 1m.

**23920 P. — 34094-95 L.**

| Dates | AR | D |
|---|---|---|
| III. | 18h 19m | 38°31' |
| 81 7-29 | 16s,43 G | |
| 8-17 | 16,33 G | 14",3 G |

**23921 P. — 33984 L.**

| Dates | AR | D |
|---|---|---|
| II. | 18h 18m | 98°13' |
| 57 7-12 | | 37",3 G |
| 7-31 | 30s,29 G | |
| III. | 18h 19m | 98°13' |
| 74 8-21 | 19s,27 G | 12",8 G |
| 8-22 | 19,24 G | 13,0 G |

**23922 P. — 34065 L.**

| Dates | AR | D |
|---|---|---|
| II. | 18h 18m | 59°30' |
| 67 8-13 | | 14",2 G |
| III. | 18h 19m | 59°29' |
| 79 6-27 | 19s,72 G | 49",3 G |
| 8-16 | 19,79 G | 48,0 G |

**23923 P. — 7386 Mn2.**

| Dates | AR | D |
|---|---|---|
| III. | 18h 19m | 78°58' |
| 81 7-13 | 20s,48 M | 0",4 M |

| Dates 1800+ A. | M. J. | Positions moyennes pour les époques du Catal. Æ. | D. |
|---|---|---|---|
| **23924 P. — 33974 L.** | | | |
| | | I. | |
| | | 18h 17m | 107° 44′ |
| 39 | 8-21 | 37s,93 G | 16″,8 F |
| | 9- 9 | 37,90 G | |
| | | III. | |
| | | 18h 19m | 107° 43′ |
| 70 | 7-21 | 22s,96 M | 28″,7 M |
| 76 | 7-12 | 22,69 M | 27,9 M |
| | 7-13 | 22,78 M | 27,7 M |
| | 7-14 | 22,84 M | 29,1 M |
| | 8- 4 | 22,91 M | 27,8 M |
| **23925 P. — 34024 L.** | | | |
| | | II. | |
| | | 18h 18m | 73° 22′ |
| 57 | 6- 6 | | 30″,7 G |
| 58 | 9-11 | | 31,7 G |
| 59 | 8-13 | 45s,08 G | |
| | | III. | |
| | | 18h 19m | 73° 22′ |
| 71 | 7-17 | 24s,76 G | |
| **23926 P. — 34017 L.** | | | |
| | | III. | |
| | | 18h 19m | 78° 58′ |
| 71 | 7-16 | 26s,80 G | |
| 75 | 7-23 | 26,87 G | 11″,4 G |
| 80 | 7-28 | | 10,9 G |
| | 7-31 | 26,64 M | 10,5 M |
| **23927 P. — 4602 Sf. — 7°.** | | | |
| | | I. | |
| | | 18h 17m | 97° 42 |
| 40 | 7-17 | | 1″,7 F |
| **23928 P. — 527 W2.** | | | |
| | | II. | |
| | | 18h 18m | 67° 57′ |
| 59 | 7-26 | 51s,13 G | |
| **23929 P. — 34013 L.** | | | |
| | | III. | |
| | | 18h 19m | 85° 26′ |
| 72 | 7-22 | 29s,25 M | 55″,3 M |
| 75 | 8- 9 | 29,23 M | 56,6 M |
| **23930 P. — 34088 L.** | | | |
| | | III. | |
| | | 18h 19m | 43° 42′ |
| 80 | 8- 5 | 29s,47 G | 16″,9 G |
| 81 | 7- 6 | 29,55 G | 15,5 G |
| | 9 17 | 29,54 G | |
| **23931 P. — 34064 L.** | | | |
| | | II. | |
| | | 18h 19m | 51° 43′ |
| 58 | 8- 2 | 1s,09 G | 41″,9 G |
| | | III. | |
| | | 18h 19m | 51° 43′ |
| 79 | 8- 9 | 31s,11 G | |
| **23932 P. — 34009 L.** | | | |
| | | II. | |
| | | 18h 18m | 91° 45′ |
| 57 | 8-28 | | 22″,5 G |
| 60 | 7-19 | 46s,36 G | 23,8 G |
| | | III. | |
| | | 18h 19m | 91° 44′ |
| 77 | 7-30 | 33s,21 G | |
| 78 | 7-13 | 32,93 M | 58″,8 M |
| | 7-29 | 33,33 G | 58,4 G |
| | 7-30 | 33,09 G | 59,0 G |
| **23933 P. — 34039 L.** | | | |
| | | I. | |
| | | 18h 18m | 68° 53′ |
| 42 | 6-21 | 18s,24 G | |
| | | III. | |
| | | 18h 19m | 68° 52′ |
| 70 | 7-22 | 35s,09 G | 10″,1 G |
| | 7-29 | 35,04 G | 9,8 G |
| | 8- 6 | 35,08 G | |
| 73 | 7-21 | 34,99 G | |
| | 7-25 | 35,00 G | |
| **23934 P. — 34021 L.** | | | |
| | | II. | |
| | | 18h 18m | 82° 2′ |
| 56 | 7-29 | 54s,72 G | 36″,6 G |
| | | III. | |
| | | 18h 19m | 82° 2′ |
| 80 | 7- 6 | 37s,76 G | 12″,1 G |
| **23935 P. — 34166 L.** | | | |
| | | III. | |
| | | 18h 19m | 25° 51′ |
| 80 | 7- 8 | 39s,33 G | 29″,6 G |
| 81 | 8- 7 | | 26,7 G |
| **23936 P. — 34060-61 L.** | | | |
| | | III. | |
| | | 18h 19m | 55° 34′ |
| 68 | 7-25 | | 18″,5 G |
| | 8-13 | | 17,8 G |
| 76 | 7-17 | 39s,41 G | 17,3 G |
| **23937 P. — 16251 Mn1.** | | | |
| | | II. | |
| | | 18h 18m | 107° 16′ |
| 59 | 6-24 | 48s,06 G | |
| **23938 P. — 34005 L.** | | | |
| | | III. | |
| | | 18h 19m | 98° 15′ |
| 74 | 7- 6 | 40s,11 G | 17″,0 G |
| | 7-13 | 40,05 G | 17,7 G |
| | 7-18 | 40,14 G | 19,8 G |
| **23939 P. — 34015 L.** | | | |
| | | II. | |
| | | 18h 18m | 89° 17′ |
| 58 | 4-24 | 55s,37 G | |
| | 7- 2 | 55,34 G | 45″,4 G |
| | 7- 3 | 55,31 G | 45,8 G |
| 60 | 7-15 | 55,34 G | |
| **23940 P. — 34062 L.** | | | |
| | | III. | |
| | | 18h 19m | 57° 56′ |
| 81 | 6-28 | 45s,94 J | 8″,9 J |
| | 7- 4 | 46,07 J | 10,1 J |
| **23941 P. — 34006 L.** | | | |
| | | II. | |
| | | 18h 19m | 103° 55′ |
| 58 | 7- 4 | 0s,86 G | 56″,4 G |
| | | III. | |
| | | 18h 19m | 103° 55′ |
| 70 | 7-22 | 51s,87 M | 32″,2 M |
| **23942 P. — 34090 L.** | | | |
| | | II. | |
| | | 18h 19m | 75° 19′ |
| 58 | 7-11 | | 29″,2 G |
| | 8-16 | 11s,39 G | 30,0 G |
| **23943 P. — 34076 et 78 L.** | | | |
| | | III. | |
| | | 18h 19m | 55° 48′ |
| 69 | 7-22 | 54s,52 M | 3″,1 M |
| 74 | 8-22 | 54,72 M | 1,1 M |
| **23944 P. — 33989 L.** | | | |
| | | II. | |
| | | 18h 19m | 116° 42′ |
| 55 | 8- 5 | 0s,04 G | |
| **23944 P. (suite).** | | | |
| | | III. | |
| | | 18h 19m | 116° 42′ |
| 79 | 8- 4 | 56s,12 J | 23″,3 J |
| | 8-11 | 56,01 J | 21,7 J |
| | 8-12 | 56,17 J | 23,2 J |
| **23945 P. — 34040 L.** | | | |
| | | II. | |
| | | 18h 19m | 80° 3′ |
| 58 | 7- 1 | 14s,06 G | 47″,8 G |
| 59 | 7-21 | 14,25 G | 46,3 G |
| 63 | 7-24 | 14,07 M | 47,5 M |
| | 8-10 | 13,99 M | 47,5 M |
| **23946 P. — 34067-68 L.** | | | |
| | | II. | |
| | | 18h 19m | 62° 40′ |
| 59 | 8-10 | 24s,55 G | |
| | | III. | |
| | | 18h 20m | 62° 40′ |
| 70 | 7-12 | 0s,21 G | |
| | 7-20 | 0,21 G | 23″,0 G |
| 75 | 7-15 | 0,28 M | 21,9 M |
| 76 | 8- 8 | 0,32 M | 22,3 M |
| **23947 P. — 34082 L.** | | | |
| | | III. | |
| | | 18h 20m | 56° 53′ |
| 68 | 7-31 | 4s,73 G | 19″,9 G |
| | 8- 1 | 4,77 G | 20,1 G |
| **23948 P. — 34103 L.** | | | |
| | | I. | |
| | | 18h 19m | 50° 34′ |
| 46 | 7- 7 | 7s,43 G | |
| | 7- 8 | 7,50 G | |
| | 7-10 | 7,41 G | |
| | 7-12 | 7,58 G | |
| | 7-13 | 7,51 G | |
| | 7-26 | | 25″,8 G |
| | 8-29 | 7,52 G | |
| 47 | 6-12 | 7,42 G | |
| | 7-11 | 7,65 G | |
| | 8-25 | 7,56 G | |
| 49 | 7- 5 | 7,51 G | |
| 51 | 8-20 | 7,55 G | |
| 52 | 8-18 | 7,67 G | |
| | | II. | |
| | | 18h 19m | 50° 34′ |
| 60 | 7- 5 | 37s,02 G | |
| | 7- 7[1] | 36,99 G | |
| 62 | 7-25 | 37,05 G | |
| | 7-26 | 37,15 G | |
| | 7-31 | 37,14 G | |
| 66 | 6-27[2] | 37,13 G | |
| 67 | 8-12 | 37,15 G | 1″,1 G |

Dates 1800+ — Positions moyennes pour les époques du Catal.

### 23948 P. (suite).

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | III. | 18h20m | 50°33' |
| 69 | 7-19 | 6s,76 M | 35",6 M |

[1] 𝒜 diminuée de 5m48s,96 : erreur de transcription, on a pris comme passage observé celui de l'étoile suivant Junon, dans la série, avec une correction de 10m.

[2] 𝒜 augmentée de 10s : correction indiquée comme probable par l'observateur.

### 23949 P. — 34037 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | II. | 18h19m | 90°15' |
| 58 | 9-11 | | 42",6 F |
| | III. | 18h20m | 90°15' |
| 76 | 6-26 | 10s,81 G | 19",6 G |
| | 6-27 | 10,90 G | 20,2 G |
| | 8-1 | 10,77 G | 20,4 G |

### 23950 P. — 34070 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | II. | 18h19m | 68°2' |
| 57 | 5-16 | 34s,10 G | |
| | III. | 18h20m | 68°2' |
| 70 | 7-25 | 12s,17 G | |
| 75 | 7-28 | 12,26 M | 8",6 M |

### 23951 P. — 34074 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | II. | 18h19m | 67°22' |
| 59 | 6-10 | 35s,17 G | |
| | III. | 18h20m | 67°21' |
| 79 | 7-29 | 13s,16 G | 42",9 G |
| 80 | 7-22 | 13,12 G | 45,5 G |

### 23952 P. — 34030-31 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | II. | 18h19m | 96°19' |
| 57 | 8-11 | | 4",2 G |
| 58 | 5-26 | 25s,50 G | |
| | III. | 18h20m | 96°18' |
| 79 | 6-25 | 13s,79 J | 37",0 J |
| | 7-15 | 13,82 J | 38,7 J |

### 22953 P. — 1255 Cordoba.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | III. | 18h20m | 115°31' |
| 81 | 7-29 | | 4",0 M |

### 23954 P. — 34122 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | III. | 18h20m | 46°9' |
| 80 | 7-8 | 15s,27 G | 33",6 G |
| | 8-9 | 15,37 G | 32,4 G |
| 81 | 7-7 | 15,73 G | 33,0 G |
| | 7-11 [1] | 15,24 G | 32,5 G |
| | 8-6 [2] | 15,23 G | 32,4 G |

[1] 𝒟 diminuée de 0",1 : err. de réduct. résultant d'une valeur erronée du tour de vis employé, pour toutes les observ. de la série faites au couple (a).

[2] 𝒜 diminuée de 0s,60 : la correction de 1s indiquée au Vol. des obs. de 1881 ne doit être appliquée qu'aux deux derniers fils.

### 23955 P. — 34114 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | II. | 18h19m | 75°6' |
| 67 | 8-7 | 34s,56 M | 36",9 M |

### 23956 P. — λ Sagittaire.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | I. | 18h18m | 115°30' |
| 37 | 6-5 | 24s,36 G | |
| | 6-12 | 24,44 G | 1",5 F |
| | 6-17 | 24,44 G | 3,3 F |
| | 6-21 | 24,25 G | 3,9 F |
| | 6-22 | 24,21 G | |
| | 6-23 | 24,16 G | |
| | 6-24 | 24,13 G | 1,4 F |
| | 8-22 | 24,20 G | |
| | 8-25 | 24,21 G | |
| | 8-27 | 24,25 G | |
| | 9-8 | 24,17 G | 1,9 F |
| | 9-9 | 24,37 G | 2,1 F |
| 39 | 6-26 | 24,34 G | |
| 41 | 6-30 | 24,42 G | |
| | 7-5 | 24,12 G | 2,9 F |
| | 8-13 | | 1,0 F |
| 44 | 7-26 | 24,58 G | 4,3 G |
| | 7-27 | 24,48 G | 3,3 G |
| 46 | 7-23 | 23,96 G | |
| | 7-29 | 24,15 G | |
| | 7-30 [1] | 24,31 G | |
| | 8-3 | 24,28 G | 5,6 G |
| | 8-10 | 24,28 G | |
| | 8-11 | 24,21 G | |
| | 8-12 | 24,26 G | 4,8 G |
| | 8-14 | 24,04 G | |
| | 8-17 | 24,32 G | |
| | 8-18 | 24,44 G | |
| | 8-21 | 24,30 G | |
| 47 | 9-18 | 24,25 G | 4,8 G |
| 48 | 7-13 | 24,31 G | 6,4 G |
| | 7-14 | 24,24 G | 4,4 G |
| | 7-14 | | 4,6 F |
| 49 | 6-7 | 24,22 G | |
| | 7-13 | 24,29 G | |
| | 7-31 | 24,28 G | |
| | 8-1 | 24,19 G | 6,6 G |
| | 8-28 | 24,34 G | |
| 50 | 9-2 | | 3,1 F |
| | 9-14 | 24,26 G | 3,1 F |
| 51 | 6-14 | 24,22 G | |
| 52 | 7-22 | 24,31 G | |
| | 7-28 | 24,42 G | 4,1 G |
| 53 | 6-21 | 24,20 G | |

### 23956 P. (suite).

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | II. | 18h19m | 115°29' |
| 54 | 6-10 | 19s,87 G | |
| 55 | 6-1 | 19,81 G | 39",0 G |
| 57 | 8-2 | 19,79 G | 40,9 G |
| 58 | 9-15 | 19,86 G | 43,3 G |
| | 9-16 | 19,79 G | 41,2 G |
| 59 | 7-12 | 19,87 G | 43,8 G |
| 61 | 6-27 | 19,66 G | 39,6 G |
| | III. | 18h20m | 115°29' |
| 70 | 6-14 | 15s,28 G | 16",7 M |
| 79 | 7-29 | 15,54 J | 20,3 J |
| 80 | 6-22 | 15,37 M | 17,9 M |
| | 7-19 | 15,21 M | 16,6 M |
| | 7-19 | 15,32 G | 16,3 G |
| 81 | 7-5 | 15,53 M | 19,9 M |

[1] 𝒜 augmentée de 1m

### 23957 P. — 34079-80 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | III. | 18h20m | 63°59' |
| 81 | 6-14 | 17s,61 J | 5",8 J |
| | 7-5 | 17,72 J | 4,3 J |

### 23958 P. — 34120-21 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | I. | 18h19m | 47°36' |
| 40 | 8-9 | 23s,05 G | |
| | 8-14 | 22,91 G | |
| | 8-15 | 22,83 G | |
| | 8-31 | | 50",5 F |
| | III. | 18h20m | 47°35' |
| 80 | 8-10 | 18s,74 G | 59",1 G |
| 81 | 6-29 | 18,71 G | 59,6 G |
| | 7-2 | 18,66 G | 59,6 G |
| | 7-3 | 18,74 G | 60,4 G |

### 23959 P. — 34023 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | II. | 18h19m | 105°27' |
| 54 | 9-4 | 29s,17 G | |
| | III. | 18h20m | 105°26' |
| 68 | 7-17 | 20s,86 M | 49",5 M |
| 70 | 6-21 | 20,89 M | 50,5 M |

### 23960 P. — 34034 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | II. | 18h19m | 98°7' |
| 57 | 6-14 | 32s,01 G | 9",9 G |
| 59 | 7-11 | | 11,9 G |
| | III. | 18h20m | 98°6' |
| 76 | 8-9 | 20s,97 M | 46",8 M |

### 23961 P. 34066 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | II. | 18h19m | 74°19' |
| 58 | 6-3 | 43s,08 G | 1",6 G |
| | III. | 18h20m | 74°18' |
| 71 | 8-10 | 23s,55 G | 35",9 G |

### 23962 P. — 34085-86 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | III. | 18h20m | 64°4' |
| 73 | 7-22 | 25s,17 G | 5",6 G |
| 76 | 7-14 | 24,95 G | 4,2 G |

### 23963 P. — 448 W1.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | II. | 18h19m | 82°23' |
| 63 | 7-28 | 42s,79 M | 32",9 M |
| | 7-31 | 42,57 M | 31,6 M |

### 23964 P. — 560 W2.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | II. | 18h19m | 68°0' |
| 57 | 5-16 | 53s,12 G | |

### 23965 P. — 34072 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | II. | 18h19m | 80°1' |
| 58 | 7-1 | 52s,84 G | |
| 63 | 8-6 | 52,78 M | 43",5 M |
| | III. | 18h20m | 80°1' |
| 71 | 8-8 | 35s,50 M | 17",4 M |

### 23966 P. — 34073 L

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | II. | 18h19m | 80°23 |
| 59 | 8-23 | 54s,10 G | |

### 23967 P. — 34104 et 06 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | II. | 18h20m | 62°23' |
| 58 | 7-12 | | 15",9 G |
| | 9-10 | | 16,7 G |
| | III. | 18h20m | 62°22' |
| 81 | 6-30 | 37s,31 M | 45",9 M |
| | 7-2 | 37,07 M | 46,2 M |

Colonnes : Dates 1800 + (A. M. J.) ; Positions moyennes pour les époques du Catal. (𝒜, 𝒟).

### 23968 P. — 34089 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | **I.** | |
| | | 18h19m | 68°28′ |
| 42 | 6-23 [1] | 21s,77 G | |
| | | **III.** | |
| | | 18h20m | 68°27′ |
| 70 | 7-15 | 38s,13 G | 55″,4 G |
| 80 | 8- 5 | 38,25 M | 55,7 M |

[1] Erreur de 30′ dans la déclinaison approchée inscrite au tome IV (distance des fils).

### 23969 P. — 34035 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | **I.** | |
| | | 18h18m | 107°53′ |
| 39 | 8-21 [1] | 53s,90 G | 18″,6 F |
| | 8-24 | 53,81 G | |
| | 9- 9 | 53,86 G | |
| 40 | 8- 1 | | 17,3 F |
| | | **II.** | |
| | | 18h19m | 107°52′ |
| 54 | 9- 2 | 46s,16 G | |
| 60 | 8-16 | 46,13 G | 52″,8 F |
| | | **III.** | |
| | | 18h20m | 107°52′ |
| 78 | 8- 3 | 38s,92 G | 27″,8 G |
| | 8- 6 | 38,99 G | 28,5 G |

[1] 𝒟 diminuée de 5′.

### 23970 P. — 34059 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | **II.** | |
| | | 18h19m | 86°9′ |
| 59 | 7- 2 | 55s,08 G | |
| 63 | 8- 1 | 55,02 M | 56″,8 M |
| | | **III.** | |
| | | 18h20m | 86°9′ |
| 79 | 8- 2 | 39s,84 J | |

### 23971 P. — 6745 à 47 Sj.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | **I.** | |
| | | 18h19m | 91°33′ |
| 48 | 7- 5 | 7s,85 G | |
| | 7- 7 | 7,93 G | |

### 23972 P. — 458 W1.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | **II.** | |
| | | 18h20m | 79°58′ |
| 63 | 8- 8 | 2s,65 M | 48″,0 M |

### 23973 P. — 34092-93 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | **II.** | |
| | | 18h20m | 71°12′ |
| 57 | 8-24 | | 33″,1 G |

### 23973 P. (suite).

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | **III.** | |
| | | 18h20m | 71°12′ |
| 71 | 8- 9 | 48s,07 M | 5″,5 M |
| | 8- 9 | 48,07 G | 7,0 G |
| | 8-27 | 48,06 G | |
| | 8-28 | 47,80 G | |

### 23974 P. — 34063 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | **I.** | |
| | | 18h19m | 89°53′ |
| 37 | 8- 7 | 16s,71 G | |
| 46 | 8-22 | 16,68 G | |
| | 9- 3 [1] | 16,82 G | |
| | 9- 4 [1] | 16,80 G | |
| | 9- 6 [1] | 16,67 G | |
| | 9- 7 | 16,73 G | |
| | 9-10 | 16,62 G | |
| | 9-11 | 16,68 G | |
| | 9-29 | 16,64 G | |
| 50 | 5-16 | 16,63 G | |
| | 7-24 | | 28″,3 G |
| | 7-29 | | 27,9 G |
| | 7-30 | 16,77 G | 28,1 G |
| | 8- 3 | 16,77 G | |
| | 8- 4 | 16,80 G | |
| | 8-11 | 16,72 G | |
| | 8-12 | 16,84 G | |
| | 8-13 | | 27,8 G |
| | 8-14 | | 27,5 G |
| | 8-16 | 16,74 G | 28,6 G |
| | 8-19 | | 27,2 G |
| | 8-29 | | 27,7 G |
| | 9- 2 | | 27,8 G |
| | 9- 3 | 16,87 G | |
| | 9- 5 | 16,90 G | |
| | 9- 7 | 16,69 G | |
| | 9-16 | | 26,2 G |
| | 9-18 | 16,69 G | |
| | 9-21 | 16,75 G | |
| | 9-27 | 16,72 G | |
| 52 | 8-22 | 16,78 G | |
| | | **II.** | |
| | | 18h20m | 89°52′ |
| 55 | 7-21 | | 60″,7 G |
| | 8- 1 | 2s,44 G | |
| | 8- 2 | | 61,6 G |
| | 8-13 | | 60,0 G |
| | 8-16 | | 62,2 G |
| | 8-17 | | 62,6 G |
| | 9-22 | | 62,4 G |
| | 9-26 | | 62,3 G |
| | 9-27 | | 61,3 G |
| 56 | 4-16 | 2,74 G | |
| | 4-17 | 2,82 G | 61,5 G |
| | 4-19 | 2,84 G | 61,4 G |
| | 4-20 | 2,85 G | 62,4 G |
| | 4-21 | 2,80 G | |
| | 4-22 | 2,79 G | 61,4 G |
| | 4-23 | 2,68 G | |
| | 4-24 | 2,70 G | |
| | 5- 4 | 2,83 G | 61,5 G |
| | 5-22 | 2,68 G | |
| | 5-25 | 2,55 G | 61,5 G |
| | 5-31 | 2,73 G | |
| | 6- 8 | 2,64 G | 61,3 G |
| | 6-10 | 2,61 G | |
| | 6-12 | 2,52 G | 61,7 G |
| | 6-23 | 2,75 G | 59,0 G |
| | 6-26 | 2,53 G | 60,9 G |
| | 6-27 | 2,73 G | 61,2 G |
| | 6-28 | 2,81 G | |

### 23974 P. (suite).

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | **II.** | |
| | | 18h20m | 89°52′ |
| 56 | 7- 6 | 2s,64 G | 62″,1 G |
| | 7-22 | 2,71 G | 61,1 G |
| | 7-23 | 2,70 G | |
| | 7-25 | 2,67 G | 61,0 G |
| | 7-30 | | 61,8 G |
| | 7-31 | | 61,9 G |
| | 8- 4 | 2,75 G | |
| | 8- 5 | 2,73 G | 62,0 G |
| | 8- 7 | | 60,2 G |
| | 8- 9 | 2,64 G | |
| | 8-10 | 2,86 G | |
| | 8-12 | 2,73 G | |
| | 8-13 | | 60,8 G |
| | 8-14 | | 62,2 G |
| | 8-22 | | 62,1 G |
| | 8-23 | 2,70 G | 62,0 G |
| | 8-29 | 2,70 G | |
| | 8-30 | 2,76 G | |
| | 8-31 | 2,77 G | 62,2 G |
| | 9- 2 [2] | 2,73 G | |
| | 9- 3 [2] | 2,66 G | |
| | 9- 4 [2] | 2,67 G | 62,3 G |
| | 9- 5 | 2,63 G | 62,3 G |
| | 9- 6 | | 62,3 G |
| | 9- 8 | 2,68 G | 63,4 G |
| | 9-14 | 2,95 G | 62,2 G |
| | 9-16 | 2,49 G | |
| | 9-19 | 2,59 G | 62,4 G |
| | 9-20 | 2,60 G | |
| | 9-26 | 2,73 G | |
| 57 | 3-25 | 2,75 G | |
| | 4-18 | 2,75 G | |
| | 4-19 | 2,75 G | |
| | 4-24 | 2,80 G | |
| | 5-14 | 2,64 G | |
| | 5-19 | 2,67 G | 59,2 G |
| | 6- 4 | 2,63 G | |
| | 6-23 | 2,78 G | 61,1 G |
| 58 | 6- 3 | | 61,6 F |
| | 6- 7 | 2,74 G | 60,3 G |
| | 6-11 | | 61,5 G |
| 59 | 8-24 | 2,68 G | |
| 63 | 7-30 | 2,69 M | 63,2 M |

[1] 𝒜 diminuée de 1m.
[2] 𝒜 augmentée de 1m : err. de transcr.

### 23975 P. — 34132 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | **III.** | |
| | | 18h20m | 59°1′ |
| 68 | 8- 7 | | 33″,1 G |
| 75 | 7-23 | 48s,87 M | 34,1 M |
| 76 | 8- 1 | 49,00 M | 34,1 M |
| | 8- 2 | 49,01 M | 33,8 M |

### 23976 P. — 34127 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | **III.** | |
| | | 18h20m | 55°50′ |
| 81 | 7-13 | 52s,81 J | 6″,3 J |
| | 7-30 | 52,26 J | 9,4 J |
| | 8- 4 | 52,38 J | 6,0 J |
| | 8- 5 | 52,63 J | 8,2 J |

### 23977 P. — 34105 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | **II.** | |
| | | 18h20m | 70°53′ |
| 58 | 7-19 | 16s,04 G | 51″,8 G |

### 23977 P. (suite).

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | **III.** | |
| | | 18h20m | 70°53′ |
| 71 | 8- 1 | 55s,33 G | |

### 23978 P. — 34087 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | **II.** | |
| | | 18h20m | 82°20′ |
| 56 | 7- 1 | | 51″,0 G |
| 57 | 8-18 | 16s,63 G | |
| 59 | 6-14 | 16,52 G | |
| | | **III.** | |
| | | 18h21m | 82°20′ |
| 80 | 6-29 | 0s,08 M | 24″,1 M |

### 23979 P. — 34075 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | **III.** | |
| | | 18h21m | 94°0′ |
| 76 | 7-26 | 2s,04 G | 21″,9 G |
| | 8- 2 | 2,08 G | 21,6 G |
| | 8- 8 | 2,23 G | 21,0 G |

### 23980 P. — 586 W1.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | **III.** | |
| | | 18h21m | 59°1′ |
| 69 | 7-21 | 3s,59 M | 58″,8 M |

### 23981 P. — 34293 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | **I.** | |
| | | 18h21m | 18°33′ |
| 47 | 6-28 | 29s,89 G | |

### 23982 P. — 18224 A.O.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | **II.** | |
| | | 18h20m | 42°49′ |
| 62 | 6-25 | | 46″,9 G |

### 23983 P. — 34148 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | **III.** | |
| | | 18h21m | 51°37′ |
| 81 | 7-21 [1] | 10,69 J | 45″,4 J |

[1] 𝒜 dim. de 0s,33 : err. de moyenne.

### 23984 P. — 34055 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | **III.** | |
| | | 18h21m | 106°46′ |
| 70 | 7-25 | 11s,11 M | 35″,3 M |
| 75 | 7-28 | 11,00 G | 35,0 G |
| 76 | 8- 4 | 11,00 G | 35,9 G |

Dates 1800+ A. M. J. — Positions moyennes pour les époques du Catal. 𝒜. 𝒫.

**23985 P. — 18225 A.O.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 18h20m | 42°52' |
| 62 6-25 | 51s,21 G | 55",1 G |
| 8-12 | 51,46 G | 52,2 G |
| 8-13 | 51,28 G | 50,3 G |

**23986 P. — 6502 Rümker.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 18h20m | 74°55' |
| 58 7-11[1] | 36s,17 G | |
| 59 7-10 | 35,83 G | |
| 60 6-29 | 35,71 G | |

[1] 𝒜 dim. de 0s,20 : err. de 1s sur un fil.

**23987 P. — 34129-30 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 18h20m | 63°51' |
| 58 7-13 | 40s,74 G | 6",5 G |
| 8- 7 | 40,94 G | |
| III. | 18h21m | 63°50' |
| 70 7-16 | 17s,18 G | 38",5 G |
| 73 7-15 | 17,13 G | 38,7 G |
| 7-17 | 17,11 G | 38,7 G |

**23988 P. — 34099 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 18h21m | 87°41' |
| 74 7- 6 | 20s,01 M | 32",6 M |
| 75 7-26 | 20,04 G | |
| 76 6-20 | 20,19 M | 33,7 M |
| 6-26 | 20,10 M | 32,5 M |
| 6-27 | 20,10 M | 33,2 M |

**23989 P. — 34151 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 18h20m | 54°44' |
| 67 8-10 | 48s,62 G | 7",4 G |
| III. | 18h21m | 54°43' |
| 79 6-28 | 20s,52 G | 39",0 G |

**23990 P. — 34184-85 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 18h21m | 38°32' |
| 81 7-19 | 22s,09 M | 10",5 M |
| 7-21 | 22,00 M | 10,6 M |

**23991 P. — 34145 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 18h21m | 56°55' |
| 81 7-17 | 23s,28 J | 18",1 J |
| 7-19 | 23,34 J | 17,6 J |

**23992 P. — 34133 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 18h20m | 65°42' |
| 59 6-13 | 48s,58 G | 35",7 G |
| III. | 18h21m | 65°42' |
| 70 7- 8 | 25s,58 G | |
| 73 7-25 | 25,53 G | |

**23993 P. — 5209 Sf. — 17°.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 18h20m | 107°16' |
| 59 6-24 | 33s,38 G | |

**23994 P. — 590 W2.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 18h20m | 63°45' |
| 58 7-13 | 50s,68 G | |

**23995 P. — 18271 A.O.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 18h19m | 108°35' |
| 49 8-15 | 42s,14 G | |

**23996 P. — 34137 et 39 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 18h20m | 63°37' |
| 58 7-17 | 51s,27 G | 9",2 G |
| 60 8- 6 | 51,50 G | |
| 9-12 | 51,61 G | |
| III. | 18h21m | 63°36' |
| 70 7-18 | 27s,59 G | |
| 7-19 | 27,59 G | |
| 75 7-26 | 27,62 M | 41",5 M |
| 8-10 | 27,59 G | 40,7 G |

**23997 P. — 34171 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 18h21m | 43°48' |
| 68 7-30 | 29s,56 M | 9",3 M |
| 76 7-12 | 29,74 M | 9,3 M |
| 8- 5 | 29,68 M | 9,6 M |

**23998 P. — 5210 Sf. — 17° (?).**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 18h20m | 107°17' |
| 59 6-24[1] | 38s,02 G | |

[1] Différence de 5s avec Sf.

**23999 P. — 34142 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 18h20m | 62°44' |
| 59 8-10 | 54s,68 G | |
| III. | 18h21m | 62°43' |
| 74 7-20 | 30s,81 M | 40",9 M |
| 79 6-23 | 30,46 G | |
| 6-24 | 30,75 G | |
| 7- 4 | 30,59 G | 41,3 G |
| 80 7- 5 | | 39,1 G |
| 8- 8 | 30,81 M | 39,9 M |
| 81 7- 4 | 30,65 M | 40,9 M |

**24000 P. — 34165 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 18h21m | 48°45' |
| 80 7-31 | 32s,67 G | |
| 81 7- 4 | 32,78 G | 25",1 G |
| 7-27 | 32,91 G | 23,4 G |
| 8- 2 | | 24,0 G |

**24001 P. — 34083 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 18h26m | 103°4' |
| 54 8-27 | 43s,16 G | |
| 67 7-30 | 43,28 M | 52",4 M |
| II. | 18h21m | 103°4' |
| 78 8- 2 | 33s,99 G | 21",6 G |
| 8- 7 | 34,24 G | 22,8 G |

**24002 P. — 598 W2.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 18h20m | 62°42' |
| 59 8-10 | 59s,22 G | |

**24003 P. — 34154 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 18h21m | 58°28' |
| 81 7-11 | 35s,83 J | 12",8 J |

**24004 P. — 34115 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 18h20m | 86°20' |
| 57 8-20 | 52s,09 G | |
| III. | 18h21m | 86°19' |
| 71 8-10 | 36s,85 M | 33",5 M |
| 8-11 | 37,09 M | 33,5 M |

**24005 P. — 34069 et 71 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 18h20m | 115°20' |
| 55 8-16 | 43s,65 G | |
| 59 9- 5 | | 29",0 G |
| III. | 18h21m | 115°20' |
| 79 7-19 | 39s,02 J | 2",5 J |

**24006 P. — 34141 et 47 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 18h21m | 63°37' |
| 58 6-30 | 2s,78 G | 54",0 G |
| 7-17 | 2,88 G | |
| 59 9-17 | | 54,2 G |
| 60 8- 6 | 3,12 G | 53,7 G |
| 9-12 | 3,11 G | 54,0 G |
| III. | 18h21m | 63°37' |
| 70 7-18 | | 24",7 G |
| 7-22 | 39s,27 G | 25,7 G |
| 7-29 | 39,25 G | 25,6 G |
| 8- 6 | 39,24 G | 24,5 G |
| 74 7-21 | 39,20 M | 25,8 M |
| 75 7- 6 | 39,26 G | 25,0 G |
| 7-29 | 39,35 M | 25,9 M |
| 8-16 | 39,14 G | 25,6 G |

**24007 P. — 34125 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 18h20m | 80°14' |
| 63 8-11 | 59s,01 M | 2",9 M |
| 8-12 | 59,17 M | 2,2 M |

**24008 P. — 483 W1.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 18h20m | 83°29' |
| 49 7-14 | 21s,98 G | |
| 7-20 | 21,99 G | |
| 7-22 | | 28",2 G |
| 8- 2 | | 27,1 G |

**24009 P. — 34118 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 18h21m | 93°56' |
| 56 6-29 | 3s,77 G | |
| 57 7-12 | | 51",8 G |
| III. | 18h21m | 93°56' |
| 77 7-31 | 50s,81 G | |
| 8- 2 | 50,71 G | |
| 78 7- 5 | 50,87 M | 29",5 M |

| Dates 1800+ A. | M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|---|

### 24010 P. — 34102 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 21m | 103° 2′ |
| 54 | 8-23 | | 41″,1 G |
| | 8-28 | 0s,20 G | 42,3 G |
| | | III. | |
| | | 18h 21m | 103° 2′ |
| 79 | 8- 2 | 50s,99 M | 13″,3 M |

### 24011 P. — 34128 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 21m | 83° 53′ |
| 57 | 8-22 | | 18″,2 G |
| 58 | 9-13 | | 18,3 G |
| 59 | 8-25 | 8s,55 G | |
| 63 | 8- 6 | 8,40 G | |
| | 8- 9 | 8,60 G | |
| | 8-10 | 8,50 G | |
| | 8-13 | 8,53 G | |
| 64 | 6-22 | 8,65 G | |
| | 7- 6 | 8,48 G | |
| | 8- 8 | 8,56 G | |
| | 8-10 | 8,49 G | |
| | | III. | |
| | | 18h 21m | 83° 52′ |
| 72 | 7- 1 | 52s,41 G | |
| | 7- 4 | 52,29 G | |
| | 7- 9 | 52,43 G | |
| | 7-20 | 52,48 G | |
| | 7-22 | 52,43 G | |
| | 8-17 | 52,48 G | |
| | 8-18 | 52,51 G | |
| | 8-19 | 52,47 G | |
| | 8-28 | 52,56 G | |

### 24012 P. — 34110 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 21m | 100° 18′ |
| 55 | 7-21 | 3s,10 G | |
| 61 | 8- 1 | 3,26 G | 34″,1 G |
| | | III. | |
| | | 18h 21m | 100° 18′ |
| 70 | 7-21 | 53s,09 M | 5″,8 M |

### 24013 P. — 34149 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h 21m | 71° 20′ |
| 71 | 7-16 | 56s,43 G | |
| 75 | 7-31 | 56,65 M | 2″,5 M |
| | 8-11 | 56,61 M | 2,0 M |
| 76 | 8- 7 | 56,68 M | 1,8 M |

### 24014 P. — 34113 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h 20m | 104° 39′ |
| 39 | 8-13 | 21s,92 G | |
| 40 | 8- 2 | 21,74 G | |
| | 7-16 | | 30″,1 F |
| 41 | 8-19 | 21,73 G | |

### 24014 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h 20m | 104° 39′ |
| 41 | 8-22 | 21s,75 G | |
| | 8-24 | 21,83 G | |
| | 8-27 | 21,83 G | |
| | 8-28 | 21,69 G | |
| | 8-30 | 21,63 G | |
| 44 | 6- 1 | 21,74 G | |
| 45 | 7- 9 | | 32″,4 F |
| 46 | 7- 3 | 21,58 G | |
| | 7-28 | 21,60 G | |
| | 8-18[1] | | 33,0 G |
| 47 | 5- 4 | 21,82 G | |
| | 5-31 | 21,57 G | |
| | 8-16 | 21,73 G | |
| | 8-30 | 21,63 G | |
| 48 | 7-10 | 21,71 G | |
| | 7-11 | 21,79 G | |
| 50 | 5-28 | | 34,2 G |
| | | II. | |
| | | 18h 21m | 104° 39′ |
| 54 | 8-29 | 12s,97 G | |
| 58 | 7- 4 | 13,11 G | 4″,9 G |
| | | III. | |
| | | 18h 22m | 104° 38 |
| 68 | 7-10 | 4s,29 M | 35″,6 M |
| 78 | 8-14 | 4,43 G | 36,1 G |

[1] 𝒫 augmentée de 40″ : erreur de réduct.

### 24015 P. — 34209 à 11 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h 22m | 40° 12′ |
| 80 | 7-15 | 4s,72 G | 16″,4 G |
| | 7-24 | 4,67 G | 18,6 G |
| | 8- 4 | 4,50 G | 16,2 G |
| 81 | 7- 6 | 4,95 G | 18,3 G |

### 24016 P. — 34241-42 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h 21m | 31° 17′ |
| 40 | 8- 2 | 38s,59 G | |
| 41 | 8-13 | 38,91 G | 17″,1 F |
| | 8-16 | 38,82 G | |
| 46 | 6-14 | | 15,1 G |
| | | II. | |
| | | 18h 22m | 31° 16′ |
| 64 | 7- 8 | | 46″,1 G |
| | 7-13 | | 45,9 G |
| | 7-15 | | 47,1 G |
| | 7-18 | | 45,9 G |
| | 7-27 | | 47,0 G |
| | | III. | |
| | | 18h 22m | 31° 16′ |
| 81 | 7-16 | 5s,13 G | |
| | 8- 7 | 4,83 G | |

### 24017 P. — 34168 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h 22m | 59° 6′ |
| 68 | 8-13 | | 24″,4 G |
| 76 | 7-17 | 6s,50 G | 22,8 G |
| 79 | 8- 5 | 6,56 G | 24,0 G |

### 24018 P. — 34170 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 21m | 86° 7′ |
| 58 | 7- 2 | 22s,47 G | 6″,0 G |
| | | III. | |
| | | 18h 22m | 86° 6′ |
| 74 | 7- 8 | 7s,42 M | 38″,4 M |
| 76 | 7-13 | 7,34 M | 38,2 M |
| | 7-26 | 7,36 M | 38,5 M |

### 24019 P. — 6477 Berlin B.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 21m | 67° 23′ |
| 63 | 7- 8 | 33s,03 M | |

### 24020 P. — 34155 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II | |
| | | 18h 21m | 75° 22′ |
| 57 | 6- 8 | 30s,60 G | |
| 62 | 6-23 | 30,70 G | 44″,3 G |
| | | III. | |
| | | 18h 22m | 75° 22′ |
| 79 | 8-11 | 11s,38 G | 14″,5 G |
| | 8-12 | 11,41 G | 16,9 G |

### 24021 P. — 16386 Mn$_1$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h 20m | 84° 58′ |
| 41 | 8-14 | 43s,91 G | |

### 24022 P. — 34135-36 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h 22m | 89° 16′ |
| 71 | 8- 7 | 13s,43 M | 43″,2 M |
| 72 | 7-22 | 13,32 M | 43,7 M |

### 24023 P. — 34182 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h 22m | 54° 21′ |
| 81 | 8-14 | 14s,17 J | 37″,3 J |

### 24024 P. — 34159 L (1re).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h 22m | 70° 46′ |
| 71 | 7-17 | 17s,27 G | |
| | 7-21[1] | 17,57 M | |

[1] 𝒜 dimin. de 0s,50 : err. de 1s sur les trois derniers fils

### 24025 P. — 34146 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II | |
| | | 18h 21m | 83° 15′ |
| 57 | 7-23 | 33s,63 G | 3″,3 G |
| 58 | 4-24 | 33,42 G | |
| 60 | 8-12 | 33,74 G | |
| | | III. | |
| | | 18h 22m | 83° 14′ |
| 72 | 7-16 | 17s,53 G | |
| 75 | 8-16 | 17,35 M | 36″,6 M |
| 76 | 8- 4 | 17,60 M | 34,0 M |
| | 8- 8 | 17,38 M | 35,2 G |

### 24026 P. — 34159 (centre).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h 22m | 70° 46′ |
| 75 | 7-23 | 17s,85 G | 55″,9 G |
| | 7-31 | 17,53 G | 56,1 G |

### 24027 P. — 6763 Sj.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h 20m | 83° 40′ |
| 48 | 7-19 | 49s,61 G | |

### 24028 P. — 34163 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 21m | 68° 37′ |
| 58 | 7-15 | 43s,05 G | 23″,5 G |
| | 9-10 | | 24,6 G |
| | | III. | |
| | | 18h 22m | 68° 36′ |
| 70 | 7-12 | 21s,45 G | |
| | 7-20 | 21,39 G | 56″,4 G |
| | 7-25 | 21,43 G | 56,3 G |
| 73 | 7-22 | 21,47 G | 57,5 G |

### 24029 P. — 11986 Bonn.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h 22m | 44° 14′ |
| 81 | 7- 9 | 22s,34 M | 46″,7 M |

### 24030 P. — 34156 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 21m | 78° 52′ |
| 67 | 8-12 | 40s,88 M | 20″,1 M |
| | 8-13 | 40,89 M | 19,7 M |

### 24031 P. — 34123 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 21m | 106° 10′ |
| 55 | 7-27 | 31s,70 G | |
| 59 | 8- 7 | 31,35 G | 55″,6 G |
| | | III. | |
| | | 18h 22m | 106° 10′ |
| 70 | 7-16 | 23s,25 M | 22″,6 M |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜. 𝒫.)

### 24032 P. — 34124 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **III.** | |
| | | 18h22m | 106°43' |
| 70 | 7-19 | 23s,83 M | 13",0 M |
| | 7-20 | 23,99 M | 13,6 M |

### 24033 P. — 34191 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **III.** | |
| | | 18h22m | 55°23' |
| 81 | 8- 2 | 29s,04 J | 18",1 J |
| | 8- 8 | 28,77 J | 18,8 J |

### 24034 P. — 34177 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **II.** | |
| | | 18h21m | 62°35' |
| 59 | 8-22 | 55s,54 G | |
| 60 | 7-11 | 55,33 G | 8",9 G |
| 63 | 6-17 | 55,53 G | |
| | 6-21 | 55,60 M | |
| | 6-23 | 55,50 G | |
| | 6-24 | 55,24 G | |
| | | **III.** | |
| | | 18h22m | 62°34' |
| 80 | 7- 4 | 31s,14 M | 38",4 M |

### 24035 P. — 502 W₁.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **II.** | |
| | | 18h21m | 80°23' |
| 59 | 8-23 | 49s,46 G | |

### 24036 P. — 34343-44 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **I.** | |
| | | 18h22m | 18°44' |
| 41 | 8-13 | | 46",8 F |
| 46 | 7-23 | 58s,31 G | |
| | 7-29 | 58,43 G | |
| | 7-30 | 58,71 G | |
| | 9- 2 | | 46,2 G |
| 50 | 7-22 | | 46,8 G |

### 24037 P. — 34200 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **III.** | |
| | | 18h22m | 52°38' |
| 81 | 6-30[1] | 36s,18 J | 1",7 J |
| | 7-29 | 34,87 J | 1,6 J |

[1] 𝒜 non comprise dans la moy. : erreur probable de 1s. 𝒫 diminuée de 6",7 : erreur de moy.

### 24038 P. — 16409 Mn₁.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **II.** | |
| | | 18h21m | 80°5' |
| 59 | 8-23[1] | 52s,46 G | |
| 63 | 7-24 | 53,55 M | 56",1 M |

[1] 𝒜 non comprise dans la moyenne : erreur probable de 1s.

### 24039 P. — 34180 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **II.** | |
| | | 18h22m | 65°23' |
| 58 | 6- 1 | 0s,88 G | |
| 67 | 7- 8 | | 14",4 G |
| | | **III.** | |
| | | 18h22m | 65°22' |
| 70 | 7-15 | 37s,96 G | |
| 76 | 8- 5 | 37,91 G | 44",4 G |

### 24040 P. — 34134 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **I.** | |
| | | 18h20m | 104°40' |
| 39 | 8-21 | | 42",3 F |
| | 9- 9 | 56s,45 G | |
| 40 | 7-16 | | 43,3 F |
| | 8-28 | 56,42 G | |
| 41 | 8-22 | 56,47 G | |
| | 8-24 | 56,61 G | |
| | 8-27 | 56,46 G | |
| | 8-28 | 56,47 G | |
| | 8-30 | 56,36 G | |
| | 9-11 | 56,31 G | |
| 45 | 5-23 | | 41,7 F |
| 46 | 7-27 | 56,56 G | |
| | 8-17 | | 41,1 G |
| 47 | 6-12 | 56,39 G | |
| | 8-21 | 56,37 G | |
| | 9-18[1] | 56,44 G | |
| | | **II.** | |
| | | 18h21m | 104°40' |
| 56 | 8- 1 | 47s,75 G | 13",2 G |
| | | **III.** | |
| | | 18h22m | 104°39' |
| 70 | 7-15 | 39s,00 M | 42",6 M |
| 78 | 8-16 | 39,04 G | 43,0 G |

[1] 𝒜 augmentée de 0s,40 ; les deux premiers fils ont été diminués arbitrairement de 1s par l'observateur.

### 24041 P. — 34138 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **II.** | |
| | | 18h21m | 108°48' |
| 54 | 9- 2 | 58s,04 G | |
| 60 | 7-30 | 58,18 G | 49",1 G |
| 61 | 7-18 | 57,83 G | |
| | | **III.** | |
| | | 18h22m | 108°48' |
| 79 | 6-25 | 50s,96 J | 22",2 J |
| | 6-26 | 51,06 J | 20,8 J |

### 24042 P. — 79 Piazzi.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **I.** | |
| | | 18h20m | 123°5' |
| 39 | 8-24 | 54s,71 G | |

### 24043 P. — 34160 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **II.** | |
| | | 18h22m | 89°45' |
| 57 | 7-18 | 7s,18 G | 48",1 G |
| 63 | 7-30 | 6,87 M | 48,8 M |

### 24044 P. — 34213 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **III.** | |
| | | 18h22m | 54°33' |
| 74 | 8-21 | 53s,66 M | 18",0 M |
| | 8-22 | 53,76 M | 18,1 M |

### 24045 P. — 34144 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **II.** | |
| | | 18h22m | 106°16' |
| 55 | 6-23 | 3s,17 G | |
| 58 | 6-12 | | 44",6 G |
| | | **III.** | |
| | | 18h22m | 106°16' |
| 79 | 7-15 | 55s,27 J | 15",1 J |
| | 8-12 | 55,08 J | 16,6 J |

### 24046 P. — 624 W₂.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **II.** | |
| | | 18h22m | 72°0' |
| 58 | 7-25 | 17s,11 G | |

### 24047 P. — 16425 Mn₁.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **II.** | |
| | | 18h22m | 79°52' |
| 63 | 8- 8 | 17s,90 M | 53",5 M |

### 24048 P. — 7462 Mn₂.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **II.** | |
| | | 18h22m | 71°58' |
| 58 | 7-25 | 21s,26 G | |

### 24049 P. — 34176 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **II.** | |
| | | 18h22m | 79°6' |
| 58 | 9-12 | | 23",5 G |
| | | **III.** | |
| | | 18h23m | 79°5' |
| 71 | 8- 7 | 2s,49 G | 55",2 G |
| | 8-10 | 2,53 G | 55,1 G |
| | 8-28 | 2,48 G | |

### 24050 P. — 34212 et 14 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **II.** | |
| | | 18h22m | 58°53' |
| 66 | 6-27 | 30s,14 G | |
| | 7-11[1] | 30,00 G | 10",6 G |
| 67 | 8-12 | 29,85 G | 10,6 G |
| | | **III.** | |
| | | 18h23m | 58°52' |
| 68 | 7-30 | 4s,08 G | 39",0 G |
| | 8- 7 | 4,03 G | 40,7 G |
| 69 | 7-19 | 4,10 M | 40,7 M |
| | 7-19 | | 41,5 G |

[1] 𝒫 diminuée de 7" : erreur de 30" sur l'un des deux microscopes lus, et erreur de 8" dans la réduction.

### 24051 P. — 34181 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **II.** | |
| | | 18h22m | 80°24' |
| 63 | 7-29 | 25s,25 M | 16",0 M |
| | | **III.** | |
| | | 18h23m | 80°23' |
| 73 | 8- 1 | 7s,82 M | 45",7 M |
| 75 | 7-15 | 8,05 M | 45,3 M |
| 76 | 8-12 | 7,99 M | 44,3 M |

### 24052 P. — 34247 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **III.** | |
| | | 18h23m | 43°59' |
| 69 | 7-15[1] | 10s,08 M | 56",4 M |
| 80 | 8-10 | 9,71 G | 52,8 G |
| 81 | 6-14 | 9,65 G | 54,1 G |

[1] 𝒫 diminuée de 15".

### 24053 P. — 34167 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **I.** | |
| | | 18h21m | 92°4' |
| 46 | 7- 7 | 36s,97 G | |
| 48 | 7- 5 | 36,99 G | |
| | 7- 7 | 37,19 G | |
| | 7-12 | 36,88 G | |
| 52 | 7-22 | 37,05 G | |
| | | **II.** | |
| | | 18h22m | 92°4' |
| 58 | 9-11 | | 20",2 F |
| | | **III.** | |
| | | 18h23m | 92°3' |
| 76 | 6-26 | 10s,50 G | 50",9 G |
| | 6-27 | 10,73 G | 50,5 G |
| | 6-30 | 10,70 G | 50,4 G |

### 24054 P. — 34196 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **II.** | |
| | | 18h22m | 75°5' |
| 67 | 8- 7 | 31s,87 M | 51",5 M |
| | | **III.** | |
| | | 18h23m | 75°5' |
| 71 | 8-16 | 12s,90 G | |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (Æ, D)

### 24055 P. — 34392 à 94 L.

| A. M. J. | Æ | D |
|---|---|---|
| I. | 18h23m | 17°20' |
| 46 8-21 | 50s,61 G | |
| 9-29 | 50,63 G | |
| 53 1-24I | 51,45 G | |
| 3-19I | 51,99 G | |
| 3-22I | 52,03 G | |
| 7-20 | 51,88 G | |
| II. | 18h23m | 17°19' |
| 54 1-16I | 33s,39 G | |
| III. | 18h23m | 17°19' |
| 80 8-8 | | 21",3 G |

### 24056 P. — 18312-13 A.O.

| A. M. J. | Æ | D |
|---|---|---|
| III. | 18h23m | 106°42' |
| 70 7-25 | 18s,37 M | 58",7 M |
| 80 8-5 | 18,46 M | 58,6 M |
| 8-10 | 18,53 M | 58,3 M |
| 81 6-30 | 18,40 M | 59,6 M |

### 24057 P. — 34169 L.

| A. M. J. | Æ | D |
|---|---|---|
| III. | 18h23m | 94°3' |
| 68 8-7 | 19s,26 M | 60",5 M |
| 69 7-29 | 18,96 M | 59,7 M |
| 75 8-11 | 19,15 G | 60,0 G |
| 76 8-1 | 19,04 G | 59,3 G |
| 78 7-13 | 19,11 M | 60,2 M |
| 7-18 | 19,09 G | 59,1 G |

### 24058 P. — 34175 L.

| A. M. J. | Æ | D |
|---|---|---|
| II. | 18h22m | 91°53' |
| 57 7-13 | 34s,41 G | |
| 7-20 | | 56",8 G |
| 58 7-30 | 34,66 G | 57,7 G |
| 59 6-3 | 34,36 G | |
| III. | 18h23m | 91°53' |
| 76 8-8 | 21s,28 G | 30",3 G |
| 77 7-26 | 21,33 G | |
| 7-30 | 21,54 G | |
| 78 7-29 | 21,66 G | 32,2 G |
| 7-30[1] | 21,30 G | 31,7 G |
| 7-31 | 21,42 G | 32,5 G |

[1] D diminuée de 1°.

### 24059 P. — 34197 L.

| A. M. J. | Æ | D |
|---|---|---|
| II. | 18h22m | 79°11' |
| 58 9-11 | | 45",6 G |
| III. | 18h23m | 79°11' |
| 79 6-27 | 21s,57 G | 14",6 G |
| 7-10 | 21,57 G | 15,9 G |

### 24060 P. — 12000 Bonn.

| A. M. J. | Æ | D |
|---|---|---|
| III. | 18h23m | 44°12' |
| 81 7-11 | 23s,07 M | 17",5 M |

### 24061 P. — 34193 L.

| A. M. J. | Æ | D |
|---|---|---|
| II. | 18h22m | 82°43' |
| 58 8-1 | | 49",6 G |
| III. | 18h23m | 82°43' |
| 73 8-4 | 24s,86 M | 18",6 M |
| 75 7-19 | 25,21 M | 18,5 M |

### 24062 P. — 639-640 $W_2$.

| A. M. J. | Æ | D |
|---|---|---|
| II. | 18h22m | 66°55' |
| 63 7-1 | 51s,05 M | 18",2 M |

### 24063 P. — 34204 L.

| A. M. J. | Æ | D |
|---|---|---|
| II. | 18h22m | 76°28' |
| 57 6-2 | | 7",7 G |
| III. | 18h23m | 76°27' |
| 71 8-9 | 31s,48 M | 33",9 M |
| 8-9 | 31,59 G | 35,3 G |

### 24064 P. — 7534 Brux.

| A. M. J. | Æ | D |
|---|---|---|
| III. | 18h23m | 60°3' |
| 81 6-28 | 33s,22 J | 5",5 J |

### 24065 P. — 34178-79 L.

| A. M. J. | Æ | D |
|---|---|---|
| II. | 18h22m | 95°48' |
| 56 6-28 | 45s,28 G | 47",4 G |
| 57 6-14 | 45,20 G | 47,2 G |
| 58 5-26 | 45,18 G | |
| III. | 18h23m | 95°48' |
| 74 7-6 | 33s,25 G | 15",6 G |
| 7-13 | 33,38 G | 17,4 G |
| 7-18 | 33,40 G | 19,0 G |

### 24066 P. — 34174 L.

| A. M. J. | Æ | D |
|---|---|---|
| I. | 18h21m | 100°57' |
| 40 8-8 | 56s,27 G | |
| 8-9 | 56,25 G | |

### 24066 P. (suite).

| A. M. J. | Æ | D |
|---|---|---|
| II. | 18h22m | 100°57' |
| 54 9-7 | 46s,21 G | |
| 60 7-15 | 46,27 G | |
| III. | 18h23m | 100°56' |
| 70 6-21 | 36s,30 M | 47",5 M |
| 7-14[1] | 36,23 M | 47,2 M |
| 76 7-14 | 36,12 G | 46,9 G |
| 7-21 | 36,17 M | 47,9 M |
| 78 9-3 | 36,05 M | 46,7 M |
| 80 7-10 | 35,91 M | 44,8 M |
| 7-31 | 35,92 M | 46,4 M |
| 8-1 | 35,91 M | 46,4 M |

[1] D augmentée de 1'.

### 24067 P. — 5220 Sf. — 17°.

| A. M. J. | Æ | D |
|---|---|---|
| II. | 18h22m | 107°21' |
| 59 6-24 | 44s,04 G | |

### 24068 P. — 34282-83 L.

| A. M. J. | Æ | D |
|---|---|---|
| III. | 18h23m | 38°4' |
| 81 6-29 | 41s,43 G | 39",6 G |
| 7-2 | 41,45 G | 40,6 G |

### 24069 P. — 34217 L.

| A. M. J. | Æ | D |
|---|---|---|
| II. | 18h23m | 76°13' |
| 57 6-6 | | 52",5 G |
| 8-24 | | 53,6 G |
| III. | 18h23m | 76°13' |
| 79 7-13 | | 22",6 G |
| 7-15 | 43s,50 G | 24,4 G |
| 7-29 | 43,31 G | 23,2 G |

### 24070 P. — 34205 L.

| A. M. J. | Æ | D |
|---|---|---|
| I. | 18h22m | 83°20' |
| 49 7-14 | 16s,79 G | |
| 7-20 | 16,75 G | |
| 8-2 | | 6",8 G |
| III. | 18h23m | 83°19' |
| 71 8-10 | 44s,44 M | 4",9 M |
| 75 7-23 | 44,41 M | 4,0 M |
| 76 8-1 | 44,35 M | 4,6 M |
| 8-2 | 44,29 M | 4,4 M |

### 24071 P. — 34164 L.

| A. M. J. | Æ | D |
|---|---|---|
| II. | 18h22m | 113°24' |
| 55 8-5 | 49s,80 G | |
| 58 8-4 | | 27",9 G |
| III. | 18h23m | 113°23' |
| 79 7-20 | 44s,58 J | 57",7 J |

### 24072 P. — 34172 L.

| A. M. J. | Æ | D |
|---|---|---|
| III. | 18h23m | 106°39' |
| 70 7-20 | 45s,02 M | 22",7 M |
| 75 7-26 | 45,04 G | |
| 79 8-5 | 45,07 M | 21,8 M |

### 24073 P. — 34226 L.

| A. M. J. | Æ | D |
|---|---|---|
| II. | 18h23m | 72°6' |
| 57 7-30 | 10s,66 G | 16",6 G |
| 58 7-25 | 10,83 G | 17,3 G |
| 59 7-10 | 11,21 G | 17,0 G |
| III. | 18h23m | 72°5' |
| 71 8-1 | 50s,47 G | |

### 24074 P. — 34208 L.

| A. M. J. | Æ | D |
|---|---|---|
| II. | 18h23m | 86°1' |
| 56 7-29 | | 30",3 G |
| 57 8-3 | 8s,03 G | |
| 8-7 | 7,82 G | 29,4 G |
| 8-20 | 7,75 G | 29,1 G |
| 58 6-7 | 7,80 G | |
| 7-2 | 7,89 G | 27,9 G |
| 59 6-14 | 7,81 G | |

### 24075 P. — 34219 L.

| A. M. J. | Æ | D |
|---|---|---|
| II. | 18h23m | 80°52' |
| 58 6-7 | | 60",4 G |
| 59 7-21 | 13s,64 G | 59,0 G |
| III. | 18h23m | 80°52' |
| 74 7-6 | 56s,27 M | 32",3 M |
| 76 6-20 | 56,22 M | 33,0 M |
| 6-26 | 56,32 M | 32,8 M |
| 6-27 | 56,18 M | 33,0 M |
| 6-30 | 56,41 M | 33,8 M |

Dates 1800 + — Positions moyennes pour les époques du Catal.

### 24076 P. — 25282 Gould.

| A. | M. J. | AR. | D. |
|---|---|---|---|
| | | I. | |
| | | 18h22m | 118°36' |
| 52 | 7- 1 | 4s,29 G | |
| | 7- 3 | 4,38 G | |
| | 7- 4 | 4,26 G | |
| | 7- 5 | | 39",6 G |
| | 7- 7 | | 39,4 G |
| | 7- 8 | | 41,3 G |
| | 7-21 | | 39,7 G |
| | 7-23 | | 38,6 G |
| | 7-28 | 4,45 G | |

### 24077 P. — 34183 L.

| A. | M. J. | AR. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h23m | 109°0' |
| 59 | 7-10[1] | 6s,07 G | |

[1] La décl. approchée donnée au t. XV est erronée (dist. des fils).

### 24078 P. — 34206 L.

| A. | M. J. | AR. | D. |
|---|---|---|---|
| | | III. | |
| | | 18h23m | 91°58' |
| 69 | 8- 4 | 59s,72 M | 5",7 M |
| 75 | 7-28 | 60,19 M | 6,2 M |

### 24079 P. — 6833 Berlin A.

| A. | M. J. | AR. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h23m | 72°31' |
| 60 | 7-25 | 22s,40 G | |

### 24080 P. — 34224 L.

| A. | M. J. | AR. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h23m | 80°15' |
| 57 | 8-22 | | 20",8 G |
| 59 | 8-24 | 20s,70 G | |
| 63 | 8-11 | 20,46 M | 20,6 M |
| | 8-12 | 20,39 M | 20,2 M |

### 24081 P. — 34231 L.

| A. | M. J. | AR. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h23m | 72°4' |
| 57 | 7-30 | 26s,44 G | |
| | | III. | |
| | | 18h24m | 72°4' |
| 71 | 8- 1 | 6s,06 M | 4",3 M |

### 24082 P. — 34188 L.

| A. | M. J. | AR. | D. |
|---|---|---|---|
| | | I. | |
| | | 18h22m | 108°30' |
| 39 | 8-21 | 21s,29 G | 9",5 F |
| | 8-24 | 21,49 G | |
| 41 | 8-22 | 21,35 G | |
| | 8-27 | 21,35 G | |
| | 8-30 | 21,22 G | |
| | 9-11 | 21,17 G | |
| 49 | 8-15 | 21,50 G | |

### 24082 P. (suite).

| A. | M. J. | AR. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h23m | 108°29' |
| 58 | 6-12 | | 40",2 F |
| | | III. | |
| | | 18h24m | 108°29' |
| 78 | 8- 6 | 6s,85 G | 10",8 G |
| | 8- 7 | 6,74 G | 10,1 G |
| | 8- 9 | 6,64 G | 10,2 G |

### 24083 P. — 34225 L.

| A. | M. J. | AR. | D. |
|---|---|---|---|
| | | III. | |
| | | 18h24m | 81°52' |
| 72 | 7-22 | 7s,81 M | 2",4 M |
| 75 | 7- 6 | 7,70 G | 3,2 G |

### 24084 P. — 3276 A + 31°.

| A. | M. J. | AR. | D. |
|---|---|---|---|
| | | III. | |
| | | 18h24m | 58°57' |
| 81 | 7-30 | 10s,58 M | 45",7 M |
| | 8- 6 | 10,74 M | 45,6 M |

### 24085 P. — 5041 Sf. — 19°.

| A. | M. J. | AR. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h23m | 109°5' |
| 59 | 6-10[1] | 18s,25 G | |

[1] Erreur de 4° environ dans la décl. approchée inscrite au tome XV (dist. des fils). La déclinaison étant assez incertaine, l'étoile pourrait être 4989 Sf. — 18° ou 5040 Sf. — 19°.

### 24086 P. — 657 $W_2$.

| A. | M. J. | AR. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h23m | 72°3' |
| 59 | 7-10 | 31s,61 G | 14",2 G |

### 24087 P. — 1488 Cordoba.

| A. | M. J. | AR. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h23m | 121°13' |
| 58 | 8-19 | 14s,01 G | |

### 24088 P. — 34273 L.

| A. | M. J. | AR. | D. |
|---|---|---|---|
| | | III. | |
| | | 18h24m | 50°4' |
| 69 | 7-21 | 13s,63 M | 56",8 M |
| 75 | 7-26 | 13,62 M | 58,3 M |

### 24089 P. — 34220 L.

| A. | M. J. | AR. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h23m | 89°42' |
| 57 | 6- 4 | 27s,59 G | |
| 58 | 7- 1 | 27,99 G | 40",7 G |

### 24089 P. (suite).

| A. | M. J. | AR. | D. |
|---|---|---|---|
| | | III. | |
| | | 18h24m | 89°42' |
| 79 | 7-28 | 13s,78 J | 10",4 J |
| | 8- 2 | 13,85 J | |

### 24090 P. — 34236 L.

| A. | M. J. | AR. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h23m | 72°29' |
| 58 | 6- 3 | 34s,49 G | 26",0 G |
| 60 | 7-25 | 34,56 G | 25,5 G |
| | | III. | |
| | | 18h24m | 72°28' |
| 79 | 8-16 | 14s,36 G | |
| 80 | 7- 6 | 14,38 M | 54",9 M |
| 81 | 8-20 | 14,16 M | 53,7 M |

### 24091 P. — 34216 L.

| A. | M. J. | AR. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h23m | 95°6' |
| 59 | 7-11 | | 15",1 G |
| | | III. | |
| | | 18h24m | 95°5' |
| 69 | 8- 6 | 15s,00 M | 45",9 M |
| 74 | 7-20 | 14,94 G | 44,3 G |
| | 7-21 | 15,21 G | 45,5 G |
| | 7-27 | 14,96 G | |

### 24092 P. — 8956 Cambridge.

| A. | M. J. | AR. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h23m | 62°33' |
| 59 | 8-22 | 41s,59 G | |

### 24093 P. — 34295 L.

| A. | M. J. | AR. | D. |
|---|---|---|---|
| | | III. | |
| | | 18h24m | 44°0' |
| 69 | 7-12 | 18s,26 M | 44",2 M |
| 75 | 8- 9 | 18,23 M | 45,9 M |

### 24094 P. — 34202 L.

| A. | M. J. | AR. | D. |
|---|---|---|---|
| | | III. | |
| | | 18h24m | 106°3' |
| 70 | 7-23 | 19s,28 M | 39",5 M |
| 75 | 7-28 | 19,44 G | 40,8 G |
| 76 | 7-17 | 19,21 G | 39,5 G |

### 24095 P. — 34304 à 06 L.

| A. | M. J. | AR. | D. |
|---|---|---|---|
| | | III. | |
| | | 18h24m | 40°15' |
| 80 | 7-31 | 19s,22 G | 43",0 G |
| | 8- 3 | | 45,2 G |
| | 8- 5 | 19,35 G | 40,4 G |
| 81 | 7- 4 | 19,59 G | 42,2 G |
| | 7-21 | 19,18 G | 42,6 G |

### 24096 P. — 34267 L.

| A. | M. J. | AR. | D. |
|---|---|---|---|
| | | III. | |
| | | 18h24m | 57°8' |
| 68 | 7-31 | 19s,69 G | 49",1 G |
| | 8- 1 | 19,67 G | 49,5 G |

### 24097 P. — 34264 L.

| A. | M. J. | AR. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h23m | 60°32' |
| 59 | 7-26 | 46s,30 G | |
| | | III. | |
| | | 18h24m | 60°31' |
| 70 | 6-27[1] | 21s,21 G | 43",1 G |
| | 7- 5 | 21,30 G | |

[1] AR diminuée de 1s: correction indiquée comme probable par l'observateur.

### 24098 P. — 3277 A + 31°.

| A. | M. J. | AR. | D. |
|---|---|---|---|
| | | III. | |
| | | 18h24m | 58°56' |
| 81 | 8- 5 | 21s,50 M | 13",9 M |

### 24099 P. — 34243 L.

| A. | M. J. | AR. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h23m | 74°8' |
| 58 | 8-26 | | 47",6 G |
| 59 | 8-13 | 41s,96 G | 49,5 G |
| | | III. | |
| | | 18h24m | 74°8' |
| 71 | 7-20[1] | 22s,24 M | 16",2 M |
| | 7-20 | 22,41 G | 16,4 G |
| | 8-27 | 22,51 G | |

[1] D augm. de 3",3 : err. de 20" sur un microscope.

### 24100 P. — 665 $W_2$.

| A. | M. J. | AR. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h23m | 62°37' |
| 59 | 8-22 | 47s,27 M | |

### 24101 P. — 34277 L.

| A. | M. J. | AR. | D. |
|---|---|---|---|
| | | II. | |
| | | 18h23m | 52°50' |
| 66 | 7-21 | 53s,06 G | 11",0 G |
| | | III. | |
| | | 18h24m | 52°49' |
| 81 | 6-26 | 24s,07 J | 40",4 J |
| | 7- 2 | 24,16 J | 40,9 J |
| | 7- 3 | 24,28 J | 39,5 J |
| | 7-21 | 24,07 J | 39,5 J |
| | 8- 7 | 23,89 J | 38,7 J |

Dates 1800+ — Positions moyennes pour les époques du Catal.

**24102 P. — 34235 L.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $18^h23^m$ | 78°53′ |
| 67 | 8-12 | $42^s,57$ M | 42″,7 M |
| | 8-13 | 42,63 M | 42,6 M |

**24103 P. — 34258 L.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | $18^h23^m$ | 66°13′ |
| 39 | 8-13 | $10^s,29$ G | |
| | II. | $18^h23^m$ | 66°13′ |
| 58 | 8-7 | $47^s,41$ G | |
| | 9-10 | | 26″,9 G |
| 60 | 7-5 | 47,36 G | |
| 62 | 7-24 | 47,52 G | |
| | 7-25 | 47,45 G | |
| | 7-26 | 47,50 G | |
| | 7-27 | 47,47 G | |
| | 7-31 | 47,46 G | |
| | III. | $18^h24^m$ | 66°12′ |
| 70 | 7-8 | $24^s,78$ G | |
| | 7-16 | 24,80 G | 54″,4 G |
| | 7-22 | 24,74 G | 55,2 G |
| | 7-23 | 24,67 G | 55,6 G |

**24104 P. — 4991 Sf. —18°.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $18^h23^m$ | 108°50′ |
| 61 | 7-18 | $33^s,00$ G | |

**24105 P. — 34328 L.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | $18^h24^m$ | 46°9′ |
| 80 | 8-26 | $26^s,18$ G | 13″,3 G |
| 81 | 7-3 | 26,33 G | 13,4 G |
| | 9-17 | 26,59 G | |

**24106 P. — 34274 L.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | $18^h24^m$ | 54°17′ |
| 74 | 8-20 | $26^s,46$ M | 0″,4 M |
| 75 | 8-16 | 26,55 G | 1,7 G |

**24107 P. — 34215 L.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $18^h23^m$ | 102°6′ |
| 54 | 9-4[1] | $36^s,24$ G | 26″,0 G |
| | III. | $18^h24^m$ | 102°5′ |
| 78 | 8-3 | $26^s,85$ G | 58″,7 G |

[1] 𝒜 diminuée de $10^s$, err. de réduct.

**24108 P. — 34223 L.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $18^h23^m$ | 95°52′ |
| 58 | 9-8 | $39^s,39$ G | 54″,6 G |
| | III. | $18^h24^m$ | 95°52′ |
| 74 | 8-21 | $27^s,47$ G | 25″,4 G |
| | 8-22 | 27,59 G | 24,7 G |

**24109 P. — 34237 L.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $18^h23^m$ | 80°0′ |
| 59 | 8-23 | $45^s,62$ G | |
| 63 | 8-6 | 45,49 M | 26″,0 M |
| | 8-10 | 45,50 M | 26,0 M |

**24110 P. — 34262 L.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | $18^h24^m$ | 64°18′ |
| 70 | 7-29 | $29^s,75$ G | 52″,4 G |
| | 8-6 | 29,78 G | 51,2 G |
| 73 | 7-15 | 29,65 G | 50,5 G |
| | 7-17 | 29,72 G | 51,1 G |
| | 7-22 | 29,81 G | 52,3 G |
| 81 | 7-19 | 29,79 J | 51,4 J |

**24111 P. — 34232 L.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $18^h23^m$ | 85°34′ |
| 56 | 5-23 | | 52″,7 G |
| 57 | 7-21 | $45^s,52$ G | 52,5 G |
| | 7-27 | 45,51 G | |
| 58 | 7-3 | 45,60 G | 52,4 G |
| | 8-15 | | 54,2 G |
| 59 | 7-2 | 45,50 G | |

**24112 P. — 558 W₁.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $18^h23^m$ | 85°33′ |
| 57 | 7-21 | $46^s,26$ G | |

**24113 P. — 34207 L.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $18^h23^m$ | 109°13′ |
| 55 | 7-9 | | 7″,5 G |
| 57 | 8-12[1] | $38^s,45$ G | |
| | III. | $18^h24^m$ | 109°12′ |
| 70 | 7-21 | $31^s,59$ M | 38″,1 M |
| | 7-22 | 31,37 M | 37,8 M |

[1] Indiquée à tort au tome XIII comme se rapportant à 34215 L. (distance des fils).

**24114 P. — 2576 Gr.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | $18^h23^m$ | 45°58′ |
| 40 | 8-15 | $38^s,10$ G | |

**24115 P. — 34230 L.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $18^h23^m$ | 89°39′ |
| 58 | 7-1 | $45^s,94$ G | |
| | III. | $18^h24^m$ | 89°39′ |
| 74 | 7-8 | $32^s,15$ M | 17″,7 M |
| 75 | 7-29 | 32,23 M | 17,0 M |
| 76 | 8-8 | 32,08 M | 16,6 M |

**24116 P. — 34265 L.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $18^h23^m$ | 64°2′ |
| 59 | 6-13 | $55^s,82$ G | 7″,0 G |
| | III. | $18^h24^m$ | 64°1′ |
| 70 | 7-12 | $32^s,15$ G | 35″,4 G |
| | 7-25 | 32,24 G | 36,4 G |

**24117 P. — 34261 L.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | $18^h24^m$ | 68°4′ |
| 70 | 7-18 | $34^s,16$ G | 12″,7 G |
| | 7-19 | 34,19 G | 14,4 G |
| | 8-1 | 34,08 G | 14,0 G |
| 73 | 7-21 | 34,01 G | |
| 74 | 7-20 | 34,16 M | 14,5 M |
| | 7-27 | 34,09 M | 15,1 M |

**24118 P. — 671 W₂.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | $18^h24^m$ | 66°52′ |
| 81 | 7-10 | $35^s,81$ J | 40″,8 J |

**24119 P. — 2577 Gr.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | $18^h23^m$ | 45°50′ |
| 40 | 8-15 | $42^s,26$ G | |

**24120 P. — 34233 L (la 1re).**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | $18^h24^m$ | 88°41′ |
| 81 | 7-13 | $38^s,08$ M | 31″,5 M |

**24121 P. — 34233 L (le centre).**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $18^h23^m$ | 88°42′ |
| 61 | 6-30 | $52^s,52$ G | |
| | III. | $18^h24^m$ | 88°41′ |
| 79 | 8-11[1] | $38^s,22$ M | 32″,0 M |
| 80 | 6-29 | 38,04 M | 33,4 M |

[1] 𝒜 augmentée de $1^s$ erreur de réduct.

**24122 P. — 667 W₂.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $18^h23^m$ | 73°26′ |
| 56 | 8-14 | $58^s,51$ G | |

**24123 P. — 18344 A.O.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | $18^h22^m$ | 105°17′ |
| 46 | 7-3[1] | $58^s,03$ G | |
| | 8-29 | 58,11 G | |
| 47 | 8-16 | 58,11 G | |
| 48 | 7-10 | 58,16 G | |
| 50 | 7-30 | 58,04 G | |
| 51 | 8-20 | 58,07 G | |
| 52 | 8-11 | | 8″,3 F |
| | 8-18 | 58,28 G | |
| 53 | 6-21 | | 6,2 G |
| | II. | $18^h23^m$ | 105°16′ |
| 67 | 7-30 | $49^s,44$ M | 37″,1 M |

[1] Désignée à tort au t. VI comme 6307 B.A.C. (distance des fils).

**24124 P. — 34239 L.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $18^h24^m$ | 90°32′ |
| 64 | 7-29 | $1^s,49$ M | 13″,5 M |
| | III. | $18^h24^m$ | 90°31′ |
| 76 | 7-26 | $47^s,83$ G | 41″,6 G |
| | 8-2 | 47,91 G | 41,4 G |
| | 8-7 | 47,93 G | 39,9 G |

**24125 P. — 34251 L.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | $18^h24^m$ | 82°9′ |
| 71 | 8-7 | $48^s,12$ M | |
| 75 | 7-20 | 47,91 G | 57″,3 G |

**24126 P. — 34245 L.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $18^h24^m$ | 88°38′ |
| 61 | 6-30 | $3^s,24$ G | |
| | III. | $18^h24^m$ | 88°38′ |
| 81 | 7-19 | $48^s,99$ M | 6″,1 M |

Dates 1800+ A. M. J. — Positions moyennes pour les époques du Catal. 𝒜. 𝒫.

**24127 P. — 34285 à 87 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h24m | 57°7' |
| 58 8- 2 | 17s,62 G | 23",2 G |
| 66 7-25[1] | | 24,0 G |
| 67 8-10 | 17,55 G | 23,2 G |
| | III. | |
| | 18h24m | 57°6' |
| 68 8-13 | | 51",0 G |
| 75 7-15 | 50s,73 G | 50,1 G |
| 7-31 | 50,62 G | |

[1] 𝒫 diminuée de 1'.

**24128 P. — 34221 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h23m | 109°13' |
| 56 8- 1 | 58s,29 G | |
| 60 6-29 | 58,12 G | |
| | III. | |
| | 18h24m | 109°12' |
| 70 7-16 | 51s,16 M | 36",2 M |
| 75 8-11 | 51,23 M | 36,6 M |
| 76 8- 4 | 51,32 M | 37,8 M |
| 8- 7 | 51,33 M | 36,6 M |

**24129 P. — 34252 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h24m | 85°27' |
| 57 5-19 | 9s,10 G | 57",4 G |
| | III. | |
| | 18h24m | 85°27' |
| 71 8- 8 | 53s,72 M | 26",7 M |

**24130 P. — 34279 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 18h24m | 64°19' |
| 81 7- 4 | 53s,96 J | 3",0 J |
| 7- 5 | 53,81 J | 2,2 J |
| 7-13 | 53,97 J | 2,0 J |
| 7-17 | 53,86 J | 3,5 J |
| 7-18 | 53,99 J | 2,7 J |

**24131 P. — 34254 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h24m | 84°20' |
| 63 8- 3 | 9s,67 M | 26",8 M |
| | III. | |
| | 18h24m | 84°19' |
| 79 7- 4 | 53s,95 G | 55",8 G |

**24132 P. — 34248 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h24m | 90°34' |
| 56 6-29 | 10s,16 G | |
| 9-26 | 9,71 G | |
| 57 8-27 | | 33",8 G |

**24132 P. (suite).**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 18h24m | 90°34' |
| 76 7-19 | 56s,45 G | 3",2 G |
| 7-27 | 56,38 G | 1,1 G |
| 77 7-31 | 56,28 G | |
| 8- 2 | 56,24 G | |

**24133 P. — 34291 et 94 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h24m | 57°21' |
| 66 7-20[1] | 24s,54 G | 59",9 G |
| | III. | |
| | 18h24m | 57°21' |
| 68 7-25 | | 26",0 G |
| 69 7-22 | 57s,69 M | 27,2 M |
| 75 7-31 | 57,99 M | 27,6 M |
| 76 7-27 | 57,93 M | 26,2 M |

[1] 𝒜 diminuée de 1s : err. de réduction.

**24134 P. — 34275 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h24m | 68°13' |
| 58 7-12 | | 31",9 G |
| | III. | |
| | 18h24m | 68°12' |
| 79 8-12 | 58s,48 G | 60",5 G |
| 80 7- 5 | | 57,9 G |

**24135 P. — 34249 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 18h23m | 91°44' |
| 48 7- 5 | 26s,22 G | |
| 7- 7 | 26,29 G | |
| 7-12 | 26,29 G | |
| 52 7-22[1] | 26,27 G | |
| | II. | |
| | 18h24m | 91°43' |
| 57 8-13 | 12s,98 G | |
| 59 6- 3 | 13,00 G | |
| 60 7-30 | 13,09 G | 40",9 G |
| 9-12 | 13,06 G | 44,0 G |
| 64 6-22 | 12,98 M | 42,7 M |
| | III. | |
| | 18h24m | 91°43' |
| 68 9- 9 | 59s,52 M | 10",7 M |
| 78 7- 5 | 59,71 M | 10,2 M |

[1] Erreur de 10° dans la désignation Ⓟ approchée inscrite au t. X; le cahier-minute porte ★ $h = 39° 30'$.

**24136 P. — 34234 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h24m | 101°44' |
| 55 6- 9 | 11s,22 G | |
| 57 8-29 | | 40",4 G |

**24136 P. (suite).**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 18h25m | 101°44' |
| 81 7- 4 | 1s,55 M | 7",8 M |
| 7- 5 | 1,64 M | 6,0 M |

**24137 P. — 34332 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 18h25m | 39°2' |
| 80 7- 8 | 2s,24 G | 39",3 G |
| 81 7- 6 | 2,34 G | 38,9 G |
| 7-11[1] | 2,23 G | 38,5 G |
| 7-28 | 1,90 G | 38,9 G |

[1] 𝒫 augmentée de 0",4 : err. de réduct. (*Voir* 23951 P.).

**24138 P. — 34266 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h24m | 80°5' |
| 63 7-24 | 21s,83 M | 40",8 M |
| | III. | |
| | 18h25m | 80°5' |
| 80 7- 8 | 4s,49 M | 9",2 M |

**24139 P. — 34321 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 18h25m | 43°39' |
| 80 7-10 | 5s,65 G | 30",2 G |
| 8- 9 | 5,60 G | 29,7 G |
| 81 7- 9[1] | 5,17 G | 29,2 G |

[1] 𝒜 non comprise dans la moyenne: fils discordants.

**24140 P. — 34228 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h24m | 109°32' |
| 58 7- 4 | 12s,63 G | 53",8 G |
| | III. | |
| | 18h25m | 109°32' |
| 78 8-16 | 5s,80 M | 21",6 M |

**24141 P. — 3280 A + 31°.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 18h25m | 58°53' |
| 69 7-19 | 6s,78 M | 15",3 M |
| 81 7-21 | 7,18 M | 15,7 M |
| 7-27 | 6,86 M | 15,4 M |
| 7-29 | 6,65 M | 12,9 M |

**24142 P. — 95 Piazzi.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 18h23m | 109°4' |
| 39 9- 9[1] | 22s,04 G | |

[1] Erreur de 1° dans la déclinaison approchée inscrite au tome III (distance des fils).

**24143 P. — 34410 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 18h25m | 24°19' |
| 81 7-30 | | 4",0 G |

**24144 P. — 2320 Br.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 18h25m | 104°43' |
| 68 7-10 | 12s,84 M | 49",9 M |
| 80 7-15 | 12,66 M | 50,9 M |
| 81 7-16 | 13,06 M | 50,1 M |

**24145 P. — 34238 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h24m | 106°1' |
| 55 7-21 | 23s,83 G | |
| | III. | |
| | 18h25m | 106°1' |
| 78 8- 2 | 15s,88 G | 9",3 G |
| 79 7-15 | 15,74 J | 7,7 J |

**24146 P. — 34255 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h24m | 96°12' |
| 57 6-14 | 27s,71 G | |
| 64 7-27 | 27,74 M | 35",8 M |
| | III. | |
| | 18h25m | 96°12' |
| 76 8- 9 | 16s,14 M | 4",9 M |

**24147 P. — 34365 L[1].**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 18h25m | 46°8' |
| 81 8- 9 | 18s,49 G | 50",8 G |

[1] 𝒜 Lalande doit être diminuée de 1m.

**24148 P. — 34296 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 18h25m | 66°49' |
| 81 7- 7 | 19s,56 J | |
| 7-30 | 19,40 J | |
| 8- 2 | 19,54 J | 54",4 J |

**24149 P. — 34288 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h24m | 69°16' |
| 58 7-13 | 41s,55 G | 6",8 G |
| 59 7-15 | 41,60 G | |
| | III. | |
| | 18h25m | 69°15' |
| 70 7-15 | 20s,22 G | 37",1 G |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (A. — P.)

### 24150 P. — 34270 L.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | III. | 18$^h$25$^m$ | 83°37′ |
| 80 | 7-22 | 20$^s$,93 G | 32″,2 G |
| | 7-27 | 20,94 G | 31,2 G |
| | 8- 8 | 20,88 M | 30,9 M |
| 81 | 8-17 | 21,02 M | 33,7 M |

### 24151 P. — 34259 L.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | II. | 18$^h$24$^m$ | 97°55′ |
| 57 | 7-24 | 36$^s$,75 G | |
| 58 | 7-30 | 36,95 G | 18″,8 G |
| | III. | 18$^h$25$^m$ | 97°54′ |
| 68 | 9- 7 | 25$^s$,93 M | 46″,9 M |
| 74 | 7- 6 | 25,71 G | 47,5 G |
| | 7-13 | 25,81 G | 46,2 G |
| | 7-18[1] | 25,63 G | 46,1 G |

[1] P augmentée de 5″ : err. de moyenne.

### 24152 P. — 34250 L.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | II. | 18$^h$24$^m$ | 105°47′ |
| 55 | 7-19 | 35$^s$,16 G | |
| 60 | 8- 6 | 35,04 G | 54″,8 G |
| | III. | 18$^h$25$^m$ | 105°47′ |
| 79 | 7-19 | 26$^s$,87 J | 21″,4 J |

### 24153 P. — 34284 L.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | II. | 18$^h$24$^m$ | 76°54′ |
| 58 | 7-11 | 46$^s$,38 G | 42″,8 G |
| | 7-19 | 45,86 G | |
| | III. | 18$^h$25$^m$ | 76°54′ |
| 71 | 7- 5 | 27$^s$,24 G | 9″,1 G |
| | 7-16 | 27,26 G | |
| | 7-21 | 27,64 M | 10,1 M |

### 24154 P. — *e* Serpent.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | I. | 18$^h$23$^m$ | 91°6′ |
| 46 | 7-21 | 56$^s$,73 G | |
| | 7-22 | 56,89 G | |
| | 8-22[1] | 56,80 G | |
| | 9- 3 | 56,75 G | |
| | 9- 4 | 56,75 G | |
| | 9- 6 | 56,64 G | |
| | 9-10 | 56,66 G | |
| | 9-11 | 56,69 G | |
| 47 | 6-12 | 56,75 G | |
| 50 | 8-11 | 56,76 G | |
| | 8-12 | 56,79 G | |

[1] A diminuée de 1$^m$ : err. de transcr.

### 24155 P. — 34325 L.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | III. | 18$^h$25$^m$ | 48°37′ |
| 68 | 7-25 | 30$^s$,13 M | 43″,4 M |
| 75 | 8-10 | 30,26 G | |

### 24156 P. — 34292 L.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | II. | 18$^h$24$^m$ | 73°9′ |
| 56 | 7-24 | 50$^s$,70 G | |
| | III. | 18$^h$25$^m$ | 73°9′ |
| 71 | 8-28 | 30$^s$,67 G | |
| 76 | 7-12 | 30,89 M | 22″,9 M |
| | 7-19 | 30,88 M | 23,3 M |

### 24157 P. — 34257 L.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | I. | 18$^h$23$^m$ | 104°58′ |
| 49 | 7-13 | 52$^s$,05 G | |
| 50 | 5-28 | | 20″,4 G |
| | II. | 18$^h$24$^m$ | 104°57′ |
| 54 | 8-27 | 43$^s$,45 G | 47″,6 G |
| | 10- 1 | 43,49 G | |
| 58 | 6-12 | | 46,3 G |

### 24158 P. — 34244 L.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | I. | 18$^h$23$^m$ | 114°13′ |
| 47 | 8-21 | 45$^s$,75 G | |
| | 8-30 | 45,78 G | |
| | 9-18 | 45,85 G | |
| | II. | 18$^h$24$^m$ | 114°12′ |
| 58 | 8- 4 | 40$^s$,91 G | 27″,1 G |
| | III. | 18$^h$25$^m$ | 114°11′ |
| 79 | 7-29[1] | 35$^s$,88 J | 55″,2 J |

[1] P diminuée de 12″ : erreur de réduct.

### 24159 P. — 34425-26 L.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | II. | 18$^h$25$^m$ | 24°31′ |
| 64 | 7- 8 | | 21″,9 G |
| | 7-13 | | 22,8 G |
| | 7-15 | | 24,1 G |
| | 7-18 | | 22,0 G |
| | 7-27 | | 23,3 G |
| 65 | 7- 4 | | 23,3 G |
| | 7- 8 | | 23,3 G |

### 24160 P. — 34317 L.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | III. | 18$^h$25$^m$ | 56°43′ |
| 74 | 8-22 | 40$^s$,01 M | 0″,9 M |
| 75 | 8-11 | 40,15 G | 1,5 G |

### 24161 P. — 34308 L.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | II. | 18$^h$25$^m$ | 68°26′ |
| 59 | 8-10 | 2$^s$,03 G | |
| | III. | 18$^h$25$^m$ | 68°25′ |
| 79 | 8-11 | 40$^s$,31 G | 47″,7 G |
| 81 | 6-14 | 40,33 M | |
| | 6-30 | 40,42 M | 49,5 M |

### 24162 P. — 588 W$_1$.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | II. | 18$^h$24$^m$ | 86°15′ |
| 63 | 8- 1 | 58$^s$,13 M | 16″,9 M |

### 24163 P. — 34324 L.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | III. | 18$^h$25$^m$ | 53°1′ |
| 81 | 7- 6 | 43$^s$,06 J | 39″,0 J |
| | 7- 9 | 42,81 J | 38,3 J |

### 24164 P. — 4922 Sf. — 16°.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | III. | 18$^h$25$^m$ | 106°38′ |
| 70 | 7-19 | 48$^s$,41 M | 57″,4 M |

### 24165 P. — 717 W$_2$.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | II. | 18$^h$25$^m$ | 66°14′ |
| 58 | 8- 7 | 12$^s$,12 G | |

### 24166 P. — 34367-68 L.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | III. | 18$^h$25$^m$ | 38°8′ |
| 81 | 7-29 | 49$^s$,78 G | 10″,8 G |
| | 8- 6 | 49,52 G | 12,9 G |

### 24167 P. — 34348 L.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | III. | 18$^h$25$^m$ | 44°6′ |
| 81 | 7- 7 | 50$^s$,53 G | 6″,3 G |
| | 8- 8 | 50,66 G | 6,5 G |

### 24168 P. — 34263 L.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | I. | 18$^h$24$^m$ | 108°28′ |
| 39 | 8-24 | 5$^s$,28 G | |
| | II. | 18$^h$24$^m$ | 108°28′ |
| 54 | 8-28 | 57$^s$,77 G | 2″,5 G |
| 61 | 8- 1 | 58,08 G | 1,5 G |

### 24168 P. (suite).

| A. | M. J. | A. | P. |
|---|---|---|---|
| | III. | 18$^h$25$^m$ | 108°27′ |
| 68 | 7-17 | 50$^s$,73 M | 25″,8 M |
| 70 | 7-15 | 50,67 M | 26,5 M |

### 24169 P. — 34289 L.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | II. | 18$^h$25$^m$ | 86°26′ |
| 57 | 6- 4 | 8$^s$,12 G | |
| | III. | 18$^h$25$^m$ | 86°25′ |
| 71 | 8- 5 | 53$^s$,10 M | 41″,6 M |
| 72 | 7- 6 | 53,06 M | 41,0 M |
| 74 | 7- 6 | 53,01 M | 42,0 M |
| | 7-31 | 53,00 M | 42,7 M |

### 24170 P. — 34323 L.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | II. | 18$^h$25$^m$ | 57°27′ |
| 66 | 7-11 | | 11″,2 G |
| 67 | 8-12 | 20$^s$,06 G | 12,3 G |
| | III. | 18$^h$25$^m$ | 57°26′ |
| 68 | 7-30 | | 38″,5 G |
| 79 | 6-23 | 53$^s$,12 G | |
| | 6-24 | 53,32 G | |
| | 6-28 | 53,45 G | 38,9 G |

### 24171 P. — 34335 L.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | II. | 18$^h$25$^m$ | 52°52′ |
| 67 | 8-13 | 22$^s$,52 G | 23″,4 G |
| | III. | 18$^h$25$^m$ | 52°51′ |
| 81 | 7-18 | 53$^s$,57 M | 49″,5 M |
| | 8- 8 | 53,56 M | 49,3 M |

### 24172 P. — 4995 Sf. — 18°.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | II. | 18$^h$25$^m$ | 108°47′ |
| 61 | 7-18 | 2$^s$,05 G | |

### 24173 P. — 8989 Cambridge.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | II. | 18$^h$25$^m$ | 64°57′ |
| 58 | 7-17[1] | 19$^s$,42 G | |

[1] A augmentée de 1$^m$ : erreur de transcr.

### 24174 P. — 34301 L.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | II. | 18$^h$25$^m$ | 83°18′ |
| 58 | 8- 1 | | 49″,0 G |
| 59 | 8-25 | 13$^s$,74 G | |
| 63 | 8- 4 | 13,76 M | 50,8 M |

Dates 1800 + — Positions moyennes pour les époques du Catal.

**24175 P. — 2497 A + 46°.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 18h25m | 43°3' |
| 62 6-25 | 35s,68 G | |
| 6-26 | 35,98 G | 11",9 G |

**24176 P. — 34260 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 18h25m | 115°32' |
| 59 8-3 | | 50",2 G |

**24177 P. — 34320 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 18h25m | 64°55' |
| 58 7-17 | 26s,28 G | 57",3 G |
| 9-10 | | 56,8 G |
| III. | 18h26m | 64°55' |
| 71 8-26 | 2s,69 G | 23",3 G |

**24178 P. — 34281 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 18h25m | 100°48' |
| 54 8-29 | 17s,83 G | |
| 62 6-23 | 18,05 G | 10",3 G |
| III. | 18h26m | 100°47' |
| 70 7-12 | 7s,86 M | 35",5 M |
| 7-14 | 7,90 M | 34,3 M |
| 7-18 | 7,78 M | 36,4 M |

**24179 P. — 34280 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 18h26m | 106°8' |
| 70 7-23 | 10s,44 M | 3",2 M |
| 75 7-23 | 10,69 G | 1,0 G |

**24180 P. — 34330-31 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 18h26m | 61°35' |
| 70 7-16 | 10s,93 G | 28",2 G |
| 8-6 | 10,80 G | 28,1 G |
| 73 7-25 | 10,75 G | |
| 8-4 | 10,81 G | |
| 75 7-15 | 10,94 M | 28,6 M |
| 76 8-12 | 10,90 M | 28,5 M |

**24181 P. — 34342 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 18h26m | 53°50' |
| 68 8-7 | 11s,58 G | 11",6 G |
| 76 7-14 | 11,56 G | 10,4 G |

**24182 P. — 34322 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 18h25m | 67°6' |
| 58 6-1 | 35s,55 G | |
| 6-30 | | 44",2 G |
| 60 7-11 | 35,35 G | 44,0 G |

**24183 P. — 34269 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 18h24m | 114°8' |
| 39 8-21 | 25s,28 G | 28",1 F |
| 46 7-12 | 25,27 G | |
| 7-28 [1] | 25,37 G | |
| 8-9 | 25,33 G | |
| 47 7-11 | 25,31 G | |
| II. | 18h25m | 114°7' |
| 59 9-5 | | 57",9 G |
| III. | 18h26m | 114°7' |
| 79 6-25 | 15s,18 J | 22",4 J |
| 8-9 | 15,23 J | 25,8 J |
| 8-10 | 15,31 J | 24,6 J |
| 8-11 | 15,18 J | 22,7 J |
| 8-12 | 15,22 J | 25,6 J |
| 80 6-22 [2] | 15,26 M | 23,0 M |

[1] 𝒜 augmentée de 1m : erreur de transcr.
[2] 𝒫 augmentée de 4",2 : erreur de réduct.

**24184 P. — 34316 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 18h25m | 80°44' |
| 57 8-7 | 41s,11 G | 22",4 G |
| III. | 18h26m | 80°43' |
| 71 8-10 | 24s,07 M | 49",8 M |

**24185 P. — 34319 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 18h25m | 76°21' |
| 57 5-7 | 44s,22 G | |
| 6-6 | | 58",3 G |
| 7-15 | 44,23 G | 59,1 G |
| 63 6-17 | 44,25 G | |
| 6-23 | 44,27 G | |
| 7-11 | 44,31 G | |
| 7-15 | 44,32 G | |
| 7-17 | 44,30 G | |
| 7-24 | 44,28 G | |
| 7-28 | 44,32 G | |
| 7-30 | 44,27 G | |
| 8-1 | 44,35 G | |
| 8-8 | 44,28 G | |
| 8-9 | 44,29 G | |
| 8-10 | 44,21 G | |
| 8-13 | 44,24 G | |
| 64 6-13 | 44,37 G | |
| 6-22 | 44,29 G | |
| 7-1 | 44,32 G | |
| 7-5 | 44,29 G | |
| 7-6 | 44,30 G | |
| 7-11 | 44,26 G | |

**24185 P. (suite.)**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 18h25m | 76°21' |
| 64 7-14 | 44s,20 G | |
| 7-29 | 44,17 G | |
| 7-30 | 44,27 G | |
| 8-2 | 44,29 G | |
| 8-3 | 44,38 G | |
| 8-8 | 44,34 G | |
| 8-10 | 44,24 G | |
| 8-11 | 44,20 G | |
| 8-16 | 44,30 G | |
| 8-24 | 44,45 G | |
| 8-28 | 44,35 G | |
| III. | 18h26m | 76°21' |
| 72 7-1 | 25s,61 G | |
| 7-3 [1] | 25,42 G | 22",8 G |
| 7-4 | 25,63 G | |
| 7-20 | 25,63 G | |
| 8-17 | 25,61 G | |
| 8-18 | 25,62 G | |
| 8-19 | 25,60 G | |
| 8-28 | 25,74 G | |

[1] 𝒫 diminuée de 5'.

**24186 P. — 34349 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 18h26m | 56°9' |
| 68 7-31 | | 33",6 G |
| 79 8-5 | 25s,76 G | 31,0 G |

**24187 P. — 605 W1.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 18h25m | 85°48' |
| 56 7-1 | 42s,02 G | 7",2 G |
| 59 7-26 | 41,94 G | |

**24188 P. — 34333 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 18h25m | 68°11' |
| 57 6-8 | 48s,88 G | 37",8 G |
| III. | 18h26m | 68°11' |
| 70 6-27 | 27s,19 G | 4",4 G |
| 7-5 | 27,24 G | 5,8 G |
| 7-8 | 27,22 G | |
| 7-22 | 27,18 G | 5,3 G |
| 73 7-15 | 27,12 G | 4,2 G |
| 7-17 | 27,16 G | 4,6 G |
| 7-18 | 27,08 G | 3,9 G |
| 7-21 | 27,09 G | |
| 7-22 | 27,20 G | 6,0 G |
| 74 7-21 | 27,15 M | 6,4 M |
| 8-19 | 27,13 M | 5,4 M |

**24189 P. — 12041 Bonn.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 18h26m | 46°4' |
| 80 7-15 | 27s,50 G | |
| 8-4 | 27,55 G | |

**24190 P. — 34307 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 18h25m | 95°15' |
| 56 7-5 | | 40",5 G |
| 57 7-13 | 39s,85 G | |
| 8-28 | | 42,5 G |
| 58 5-26 | 39,92 G | |
| III. | 18h26m | 95°15' |
| 69 7-29 | 27s,65 M | 9",6 M |
| 7-29 | | 7,4 G |
| 74 7-20 | 27,69 G | 8,9 G |
| 7-21 | 27,70 G | 7,9 G |
| 7-27 | 27,67 G | |

**24191 P. — 15696 T — 31°.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 18h25m | 121°21' |
| 58 8-19 | 29s,74 G | |

**24192 P. — 34297 et 99 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 18h24m | 104°57' |
| 47 8-25 | 47s,56 G | |
| 49 8-28 | 47,65 G | |
| 50 7-30 | 47,64 G | |
| 53 8-4 | 47,30 G | |
| II. | 18h25m | 104°57' |
| 55 6-30 | 39s,17 G | 14",1 G |
| III. | 18h26m | 104°56' |
| 78 8-16 | 30s,46 G | 39",8 G |

**24193 P. — 34303 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 18h25m | 98°40' |
| 64 7-28 | 42s,20 M | 1",1 M |
| III. | 18h26m | 98°39' |
| 79 8-2 | 31s,46 M | 25",7 M |

**24194 P. — 34334 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 18h25m | 70°12' |
| 58 5-29 | | 46",2 G |
| 59 7-23 | | 40,7 G |
| 60 8-12 [1] | 52s,75 G | |
| III. | 18h26m | 70°12' |
| 71 7-17 | 31s,79 M | 9",7 M |
| 7-17 [2] | | 10,8 G |
| 8-1 | 31,74 M | 10,5 M |
| 8-1 | 31,76 G | |
| 8-7 | 31,79 G | 11,3 G |

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|

### 24194 P. (suite).

| A. M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|
| III. | 18h 26m | 70° 12′ |
| 71 8- 9 | 31s,74 M | 10″,9 M |
| 8- 9 | 31,76 G | 10,0 G |
| 8-10 | 31,80 G | 10,8 G |

[1] $\mathcal{A}$ diminuée de 1m.
[2] $\mathcal{P}$ diminuée de 4″,4 : erreur de réduct. (Voir 23527 P.)

### 24195 P. — 34370 à 72 L.

| A. M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|
| III. | 18h 26m | 49° 6′ |
| 79 7-29 | 32s,51 G | 36″,3 G |
| 81 7-16 | 32,46 G | |

### 24196 P. — 5107 Sf. — 14°.

| A. M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|
| II. | 18h 25m | 104° 46′ |
| 54 8-30 | 45s,88 G | |

### 24197 P. — 34312 L.

| A. M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|
| III. | 18h 26m | 96° 8′ |
| 69 8- 4 | 38s,12 M | 18″,4 M |
| 76 8- 4 | 38,42 G | 19,3 G |

### 24198 P. — 34315 L.

| A. M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|
| II. | 18h 26m | 91° 33′ |
| 55 8-20 | | 44″,6 G |
| 56 7- 5 | 53s,64 G | |
| 7-31 | 53,62 G | |
| 57 7-20 | | 44,5 G |
| III. | 18h 26m | 91° 33′ |
| 76 6-30 | 40s,16 G | 9″,0 G |
| 8- 1 | 40,20 G | 9,3 G |
| 8- 5 | 40,25 G | 9,7 G |

### 24199 P. — 34318 L.

| A. M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|
| II. | 18h 25m | 85° 53′ |
| 59 7- 2 | 55s,88 G | |
| 7-26 [1] | 55,99 G | 10″,9 G |
| III. | 18h 26m | 85° 52′ |
| 72 7-22 | 40s,45 M | 36″,7 M |

[1] $\mathcal{A}$ diminuée de 1s : erreur de réduct.

### 24200 P. — 34358 et 60 L.

| A. M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|
| III. | 18h 26m | 56° 27′ |
| 74 8-21 | 40s,93 M | 19″,9 M |
| 75 7-19 | 41,12 M | 18,8 M |
| 76 8- 2 | 41,22 M | 19,0 M |
| 8- 8 | 41,13 M | 20,5 M |

### 24201 P. — 34313 L.

| A. M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|
| III. | 18h 26m | 96° 0′ |
| 74 8-22 [1] | 41s,30 G | 6″,3 G |

[1] $\mathcal{P}$ diminuée de 1°. Dans le vol. d'obs. de 1874, la lecture avait été corrigée à tort pour établir l'accord avec Lal. qui est en erreur de 1°.

### 24202 P. — 34363 L.

| A. M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|
| III. | 18h 26m | 55° 2′ |
| 69 7-21 | 43s,58 M | 31″,9 M |
| 74 8-20 | 43,66 M | 29,7 M |

### 24203 P. — 34373 et 76 L.

| A. M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|
| III. | 18h 26m | 49° 35′ |
| 81 6-29 | 45s,48 G | |
| 8- 7 | 45,33 G | 47″,9 G |

### 24204 P. — 3674 A + 19°.

| A. M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|
| II. | 18h 26m | 70° 38′ |
| 59 8-13 | 13s,85 G | |

### 24205 P. — 34300 L.

| A. M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|
| I. | 18h 25m | 114° 20′ |
| 46 7-27 | 3s,95 G | |
| 47 6-28 | 3,74 G | |

### 24206 P. — 34329 L.

| A. M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|
| II. | 18h 26m | 86° 8′ |
| 56 7- 2 | 9s,76 G | |
| 57 6-28 | | 39″,2 G |
| 8-27 | | 38,1 G |
| III. | 18h 26m | 86° 8′ |
| 74 7- 8 | 54s,31 M | 4″,2 M |

### 24207 P. — 34309 L.

| A. M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|
| II. | 18h 26m | 106° 36′ |
| 59 6-24 | 2s,57 G | 5″,9 G |

### 24208 P. — 34347 L.

| A. M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|
| II. | 18h 26m | 70° 38′ |
| 57 6- 2 | | 10″,8 G |
| 58 8-26 | | 10,1 G |
| 59 8-13 | 16s,73 G | |
| III. | 18h 26m | 70° 37′ |
| 79 8-16 | 55s,88 G | 34″,3 G |

### 24209 P. — 34326 L.

| A. M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|
| II. | 18h 26m | 88° 15′ |
| 57 7-23 | 10s,31 G | 10″,2 G |
| 8-18 | 10,57 G | |
| 8-21 | 10,48 G | 11,3 G |

### 24210 P. — 34352 L.

| A. M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|
| II. | 18h 26m | 65° 1′ |
| 58 7-12 | | 54″,1 G |
| III. | 18h 26m | 65° 1′ |
| 70 7-19 | 56s,01 G | 20″,0 G |
| 7-23 | 56,02 G | 20,7 G |

### 24211 P. — 34388 à 90 L.

| A. M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|
| III. | 18h 26m | 48° 58′ |
| 81 7-16 | | 53″,5 G |
| 7-27 | 58s,30 G | 54,9 G |

### 24212 P. — 34310 L.

| A. M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|
| II. | 18h 26m | 109° 53′ |
| 59 7-11 | 7s,52 G | 10″,9 G |
| 8- 7 | 7,85 G | |
| 67 7-29 | 7,76 M | 11,5 M |
| III. | 18h 27m | 109° 52′ |
| 78 8- 6 | 1s,21 G | 38″,1 G |
| 8- 7 | 1,25 G | 38,1 G |

### 24213 P. — 34346 L.

| A. M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|
| II. | 18h 26m | 76° 16′ |
| 56 7-16 | 24s,49 G | 55″,5 G |
| III. | 18h 27m | 76° 16′ |
| 71 8-16 | 6s,04 G | |
| 75 7- 6 | 5,67 G | 21″,5 G |
| 7-26 | 5,74 G | |

### 24214 P. — 6524 Berlin B.

| A. M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|
| II. | 18h 26m | 69° 14′ |
| 58 7-13 | 29s,05 G | 36″,9 G |
| 59 7-15 | 29,08 G | |

### 24215 P. — 34311 L.

| A. M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|
| I. | 18h 25m | 112° 39′ |
| 49 6-28 | 19s,30 G | |

### 24216 P. — 18405 A.O.

| A. M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|
| I. | 18h 25m | 108° 25′ |
| 49 8-15 [1] | 24s,74 G | |

[1] $\mathcal{A}$ diminuée de 0s,20 : err. de moy.

### 24217 P. — 34337 L.

| A. M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|
| II. | 18h 26m | 88° 11′ |
| 56 7- 3 | 27s,50 G | |
| 57 8-20 | 27,44 G | 52″,6 G |
| 8-21 | 27,58 G | 52,2 G |
| III. | 18h 27m | 88° 11′ |
| 71 8- 7 | 12s,95 M | 18″,7 M |
| 8- 8 | 13,05 M | 18,4 M |

### 24218 P. — 3205 A + 38°.

| A. M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|
| III. | 18h 27m | 51° 42′ |
| 81 7- 3 [1] | 14s,65 J | 31″,6 J |

[1] $\mathcal{A}$ augmentée de 4s,66 : erreur de moy.

### 24219 P. — 34385 et 87 L.

| A. M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|
| II. | 18h 26m | 56° 12′ |
| 66 7-21 | 42s,03 G | 46″,1 G |
| III. | 18h 27m | 56° 12′ |
| 68 8- 1 | 14s,89 G | 10″,5 G |
| 69 7-17 | 14,90 M | 11,3 M |

### 24220 P. — 34369 L.

| A. M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|
| II. | 18h 26m | 66° 58′ |
| 58 7-15 | 38s,25 G | |
| III. | 18h 27m | 66° 57′ |
| 74 7-20 | 15s,88 M | 33″,1 M |
| 75 7-23 | 15,85 M | 34,0 M |
| 76 8- 4 | 15,91 M | 32,7 M |
| 8- 5 | 15,83 M | 34,2 M |

### 24221 P. — 3556 A + 10°.

| A. M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|
| II. | 18h 26m | 79° 55′ |
| 63 8- 8 | | 39″,5 M |

### 24222 P. — 3539 A + 16°.

| A. M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|
| II. | 18h 26m | 73° 51′ |
| 63 7- 2 | | 12″,1 G |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜. 𝒫.)

**24223 P. — 4933 Sf. — 16°.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 26m | 106° 39′ |
| 59 | 6-24 | 30s,07 G | |

**24224 P. — 34350 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 26m | 81° 49′ |
| 56 | 7-29 | | 61″,1 G |
| 57 | 5-19 | 39s,66 G | 57,4 G |
| 59 | 6-14 | 39,72 G | |
| | 8-24 | 39,95 G | |
| 62 | 9- 5 | 39,75 G | 60,0 G |

**24225 P. — 16631 Mn₁.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h 25m | 97° 49′ |
| 41 | 8-27 | 47s,99 G | |
| | 8-28 | 48,02 G | |
| | 8-30 | 47,97 G | |
| | 8-31 | 47,94 G | |
| | 9-11 | 47,82 G | |

**24226 P. — 34327 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 26m | 104° 40′ |
| 55 | 7-17 | 34s,63 G | |
| | | III. | |
| | | 18h 27m | 104° 39′ |
| 70 | 7-16 | 25s,94 M | 39″,4 M |
| | 7-21 | 25,98 M | 41,5 M |

**24227 P. — 34355 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 26m | 81° 0′ |
| 58 | 6- 7 | 45s,48 G | 35″,2 G |
| | | III. | |
| | | 18h 27m | 81° 0′ |
| 79 | 7- 4 | 28s,68 G | 0″,9 G |

**24228 P. — 6810-11 Sj.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 26m | 85° 30′ |
| 57 | 6- 4 | 44s,81 G | |

**24229 P. — 34415-16 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h 27m | 49° 43′ |
| 80 | 7-24 | 30s,80 G | 14″,0 G |
| | 7-31 | 30,75 G | 14,5 G |
| 81 | 6-14 | 30,55 G | 12,7 G |
| | 7-19 | 30,69 G | 15,0 G |

**24230 P. — 34382 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h 26m | 66° 29′ |
| 39 | 8-24 | 19s,37 G | |
| 40 | 7-15 | | 39″,8 F |
| | | II. | |
| | | 18h 26m | 66° 29′ |
| 57 | 5-16 | 56s,44 G | |
| 58 | 9-10 | | 5″,2 G |
| 59 | 9-17 | | 4,9 G |
| | | III. | |
| | | 18h 27m | 66° 28′ |
| 70 | 7-15 | 34s,01 G | 28″,4 G |
| | 7-29 | 34,04 G | 29,3 G |

**24231 P. — 3727 A + 18°.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 26m | 71° 8′ |
| 59 | 7-10 | 58s,21 G | |

**24232 P. — 34345 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 26m | 94° 55′ |
| 57 | 8-10 | | 1″,4 G |
| 58 | 7-30 | 49s,84 G | 0,4 G |
| | | III. | |
| | | 18h 27m | 94° 54′ |
| 76 | 7-26 | 37s,57 G | |
| | 8- 2 | 37,50 G | 25″,6 G |
| | 8- 8 | 37,53 G | 25,3 G |

**24233 P. — 34340 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 26m | 100° 37′ |
| 54 | 9- 7 | 51s,32 G | |
| 60 | 9-12 | 51,39 G | 46″,0 G |
| | | III. | |
| | | 18h 27m | 100° 37′ |
| 79 | 7-28 | 41s,20 J | 11″,4 J |

**24234 P. — 18411 A.O.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 26m | 118° 25′ |
| 67 | 7-19 | 47s,37 M | 53″,4 M |

**24235 P. — 629 W₁.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 26m | 104° 48′ |
| 58 | 7- 4[1] | 55s,16 G | |

[1] 𝒜 diminuée de 0s,60 : erreur de 1s sur les trois derniers fils.

**24236 P. — 34386 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 27m | 71° 11′ |
| 58 | 6- 3 | 7s,81 G | 2″,5 G |
| 59 | 6- 4 | 7,59 G | |
| | 7-10 | 8,03 G | 1,5 G |

**24237 P. — 34338 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 26m | 104° 48′ |
| 55 | 6- 8 | 56s,02 G | |
| 57 | 8-29 | | 26″,2 G |
| 58 | 7- 4 | 56,30 G | |
| 59 | 8-16 | 56,15 G | |
| | | III. | |
| | | 18h 27m | 104° 47′ |
| 78 | 8- 3 | 47s,68 G | 52″,2 G |
| | 8- 9 | 47,44 G | 51,5 G |

**24238 P. — 16649 Mn₁.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 27m | 84° 26′ |
| 63 | 8- 3 | 5s,28 M | 12″,2 M |

**24239 P. — 34353 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 27m | 94° 48′ |
| 58 | 7-30 | 3s,71 G | |
| | | III. | |
| | | 18h 27m | 94° 48′ |
| 77 | 7-11 | 51s,25 G | |
| | 7-26 | 51,26 G | |
| | 7-30 | 51,38 G | |
| 78 | 7- 5 | 51,35 M | 11″,0 M |
| | 7-13 | 51,44 M | 12,4 M |
| | 7-31 | 51,43 G | 11,3 G |

**24240 P. — 34432 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h 26m | 46° 5′ |
| 40 | 8-15 | 57s,78 G | |
| | 8-16 | 57,84 G | |
| | | III. | |
| | | 18h 27m | 46° 4′ |
| 68 | 7-31 | 51s,67 M | 13″,9 M |
| 75 | 7-15 | 51,66 G | 12,4 G |
| | 7-31 | 51,66 G | 13,3 G |

**24241 P. — 34339 et 41 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 27m | 107° 5′ |
| 54 | 9- 2 | 0s,50 G | |
| 55 | 8- 2 | 0,69 G | |
| 56 | 7-23 | | 26″,8 G |
| 58 | 6-12 | | 26,0 F |

**24242 P. — 34435 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h 27m | 45° 5′ |
| 41 | 6-30 | | 5″,7 F |
| | | III. | |
| | | 18h 27m | 45° 4′ |
| 80 | 7-10 | | 7″,1 G |
| 81 | 7- 6 | 52s,66 G | 6,1 G |

**24243 P. — 34336 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 26m | 110° 56′ |
| 59 | 6-10 | 59s,87 G | |
| | 6-17 | | 43″,4 G |
| | | III. | |
| | | 18h 27m | 110° 56′ |
| 79 | 8- 2 | 53s,72 J | |
| 80 | 7- 5 | 53,67 M | 7″,9 M |

**24244 P. — 34364 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h 26m | 90° 47′ |
| 48 | 7- 5 | 21s,06 G | |
| | 7- 7 | 21,26 G | |
| | | II. | |
| | | 18h 27m | 90° 46′ |
| 57 | 8-13 | 7s,57 G | 39″,5 G |
| 58 | 9- 8 | 7,57 G | |
| 64 | 6-20 | 7,28 M | 38,8 M |
| | | III. | |
| | | 18h 27m | 90° 46′ |
| 78 | 7-29 | 54s,01 G | 4″,0 G |
| | 7-30 | 53,95 G | 4,3 G |

**24245 P. — 34421 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h 27m | 53° 39′ |
| 68 | 7-31 | 54s,77 G | 54″,7 G |
| | 8-13 | | 53,2 G |
| 69 | 7-19 | 54,64 M | 56,2 M |
| | 7-19 | | 55,8 G |

**24246 P. — 34379 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 27m | 79° 39′ |
| 58 | 8- 3 | 12s,99 G | 39″,8 G |

**24247 P. — 34398 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h 27m | 69° 6′ |
| 70 | 8- 1 | 58s,13 G | 54″,4 G |
| 73 | 7-25 | 58,06 G | |

| Dates 1800+ A. M. J. | | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|---|

### 24248 P. — 3168 A + 36°.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 18h 28m | 53° 5′ |
| 81 | 8-24 | 0s,80 M | 33″,1 M |

### 24249 P. — 112 Piazzi.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 18h 26m | 109° 23′ |
| 39 | 8-13 | 15s,08 G | |

### 24250 P. — 34397 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 18h 28m | 71° 37′ |
| 71 | 7- 5 | 1s,95 G | |
| 75 | 7-26 | 2,05 M | 5″,3 M |
| | 7-28 | 2,11 M | 4,5 M |
| | 8- 9 | 2,08 M | 5,3 M |
| | 8-11 | 2,02 M | 4,1 M |
| 76 | 8- 7 | 2,05 M | 4,3 M |

### 24251 P. — 34418-19 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18h 27m | 59° 32′ |
| 58 | 8-13 | 28s,74 G | 53″,7 G |
| | 9-25 | | 55,8 G |
| 66 | 7- 9 | 28,64 G | |
| 67 | 8-10 | 28,80 G | 54,7 G |
| | | III. | |
| | | 18h 28m | 59° 32′ |
| 68 | 7-30 [1] | 3s,10 G | 16″,7 G |
| 75 | 7-20 | 3,19 G | 17,7 G |
| | 7-28 | 3,40 G | 17,9 G |
| | 8-11 | 3,24 G | 17,4 G |

[1] 𝒟 augmentée de 5′ : erreur de transcr.

### 24252 P. — 34356-57 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 18h 26m | 101° 5′ |
| 39 | 8-21 | 25s,57 G | 29″,0 F |
| | 9- 9 | 25,35 G | |
| 46 | 7- 3 | 25,32 G | 32,2 G |
| | 8-29 | 25,56 G | |
| | 9- 3 | 25,52 G | |
| | 9- 4 | 25,44 G | |
| | 9- 6 | 25,49 G | |
| | 9-10 | 25,38 G | |
| | 9-11 | 25,37 G | |
| 47 | 8-16 | 25,52 G | |
| | 8-30 | 25,46 G | |
| 48 | 7-10 | 25,58 G | |
| | 7-11 | 25,56 G | |
| 50 | 7-12 | | 33,2 G |
| 51 | 8-20 | 25,57 G | |
| | | II. | |
| | | 18h 27m | 101° 4′ |
| 55 | 6- 9 | 15s,57 G | |
| 58 | 6-12 | | 56″,6 G |
| | | III. | |
| | | 18h 28m | 101° 4′ |
| 68 | 7-17 | 5s,40 M | 20″,1 M |

### 24253 P. — 34351 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18h 27m | 106° 14′ |
| 56 | 7-26 | 16s,58 G | |
| | | III. | |
| | | 18h 28m | 106° 14′ |
| 79 | 7-19 | 8s,32 J | 4″,3 J |
| 80 | 6-29 | 8,40 M | 4,0 M |

### 24254 P. — 34450 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 18h 28m | 44° 6′ |
| 81 | 7-17 | 12s,17 G | 8″,1 G |

### 24255 P. — 34384 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18h 27m | 86° 16′ |
| 57 | 7-19 | | 20″,7 G |
| 63 | 8- 1 | 28s,07 M | 21,7 M |
| | | III. | |
| | | 18h 28m | 86° 15′ |
| 79 | 7-29 | 12s,66 J | 46″,5 J |
| | 8-16 | 12,79 J | 46,4 J |

### 24256 P. — 34359 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18h 27m | 104° 47′ |
| 57 | 8-12 | 21s,93 G | |
| 58 | 7- 4 [1] | 21,86 G | 28″,4 G |
| 59 | 8-16 | 21,95 G | |

[1] 𝒜 diminuée de 0s,80 : erreur de 1s en passant du 1er au 2e fil.

### 24257 P. — 34396 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18h 27m | 79° 44′ |
| 58 | 9-12 | ′ | 31″,3 G |
| | | III. | |
| | | 18h 28m | 79° 43′ |
| 71 | 7-20 | 14s,62 M | 53″,7 M |
| | 7-20 | 14,39 G | 54,3 G |
| | 8-27 | 14,69 G | |
| | 8-28 | 14,60 G | |

### 24258 P. — 3476 A + 21°.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18h 27m | 68° 9′ |
| 59 | 6-13 | 37s,26 G | |

### 24259 P. — 34383 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 18h 28m | 88° 0′ |
| 71 | 8- 5 | 16s,12 M | 52″,0 M |
| 75 | 7-29 | 15,99 M | 52,6 M |
| | 8-16 | 16,12 M | 52,1 M |
| 76 | 7-12 | 16,04 M | 52,1 M |
| | 7-19 | 16,09 M | 52,0 M |

### 24260 P. — 34354 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18h 27m | 108° 39′ |
| 55 | 6- 5 [1] | | 25″,6 G |
| | 7-20 | 24s,13 G | |
| 56 | 8- 1 | | 27,8 G |
| | | III. | |
| | | 18h 28m | 108° 38′ |
| 79 | 7-15 | 16s,92 J | 50″,8 J |

[1] 𝒟 diminuée de 10″ : erreur de moy.

### 24261 P. — 34381 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 18h 26m | 90° 44′ |
| 48 | 7-11 [1] | | 25″,7 G |
| | | II. | |
| | | 18h 27m | 90° 43′ |
| 56 | 6-29 | | 47″,2 G |
| 64 | 7-29 | 30s,94 M | 50,3 M |
| | | III. | |
| | | 18h 28m | 90° 43′ |
| 80 | 8- 5 | 17s,20 M | 13″,6 M |

[1] Erreur de 2m environ dans l'asc. dr. approchée inscrite au tome VIII. Sur le cahier-minute, l'heure de l'obs. n'est pas indiquée.

### 24262 P. — 34391 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II | |
| | | 18h 27m | 86° 58′ |
| 58 | 7- 2 | 34s,82 G | 9″,2 G |
| 60 | 7-25 | 34,89 G | 11,5 G |
| | | III. | |
| | | 18h 28m | 86° 57′ |
| 74 | 7- 6 | 19s,93 M | 33″,1 M |
| | 7-31 | 20,04 M | 34,6 M |

### 24263 P. — 34411 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II | |
| | | 18h 27m | 74° 24′ |
| 58 | 7-11 | 43s,17 G | 27″,2 G |
| | | III. | |
| | | 18h 28m | 74° 23′ |
| 79 | 8-12 | 23s,43 G | |

### 24264 P. — 34374-75 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 18h 26m | 98° 20′ |
| 37 | 6-24 | | 43″,7 F |
| 38 | 8-13 | 46s,28 G | |
| 41 | 8-13 | 46,46 G | |
| | 8-16 | 46,28 G | |
| | 8-19 | 46,34 G | |
| | 8-22 [1] | 46,33 G | |
| | 8-24 | 46,34 G | |

### 24264 P. (suite).

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 18h 26m | 98° 20′ |
| 46 | 7- 7 | | 49″,2 G |
| | 7-10 | 46s,33 G | |
| | 7-21 | 46,33 G | |
| | 7-22 | 46,38 G | |
| | 7-23 | 46,33 G | |
| | 8-17 | 46,33 G | |
| | 8-18 | 46,30 G | |
| | 8-22 | 46,34 G | |
| | 8-24 | 46,14 G | |
| 47 | 5- 4 | 46,31 G | |
| 50 | 9- 2 | | 49,6 F |
| 52 | 7-22 | 46,36 G | |
| 53 | 6-21 | | 50,9 G |
| | | II. | |
| | | 18h 27m | 98° 20′ |
| 56 | 9-26 | 35s,18 G | |
| 57 | 6-14 | 35,22 G | 15″,2 G |
| | 9-18 | 35,44 G | |
| 59 | 6- 3 | 35,46 G | |
| 60 | 7- 5 | 35,31 G | |
| | | III. | |
| | | 18h 28m | 98° 19′ |
| 68 | 8- 7 | 24s,36 M | 44″,0 M |
| 74 | 7- 6 | 24,22 G | 45,8 G |
| | 7- 8 | 24,14 G | 45,2 G |
| | 7-13 | 24,31 G | 45,2 G |
| | 8-21 | 24,30 G | 46,4 G |

[1] 𝒜 diminuée de 2s : erreur de réduct.

### 24265 P. — 798 W.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18h 27m | 66° 47′ |
| 63 | 6-30 | | 47″,0 G |

### 24266 P. — 2503 A + 46°.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 18h 28m | 43° 3′ |
| 80 | 7-10 [1] | 25s,53 G | |

[1] Erreur de 2° dans la déclin. approchée inscrite (distance des fils).

### 24267 P. — 34400 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18h 27m | 83° 38′ |
| 57 | 7-21 | 41s,72 G | 34″,5 G |
| 58 | 7- 1 | 41,69 G | 35,6 G |
| 60 | 6-29 | 41,67 G | |
| | 7-19 | 41,63 G | 34,5 G |
| 61 | 6-30 | 41,68 G | |

### 24268 P. — 18351 A.O.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18h 28m | 42° 8′ |
| 62 | 8-12 | 3s,09 G | 23″,7 G |
| | 8-13 | 3,01 G | 23,6 G |

**24269 P. — 34362 L.**

| Dates 1800 + A. | M. J. | Positions moyennes pour les époques du Catal. Æ | 𝒫 |
|---|---|---|---|
| | II. | 18h27m | 109°39' |
| 55 | 7-21 | 34s,27 G | |
| 67 | 7-30 | 34,01 M | 37",8 M |
| | III. | 18h28m | 109°38' |
| 70 | 7-12 | 27s,29 M | 60",5 M |
| | 7-14 | 27,45 M | 59,0 M |

**24270 P. — 34451 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | I. | 18h27m | 46°1' |
| 40 | 8-15 | 34s,12 G | |
| | 8-16 | 34,20 G | |
| | III. | 18h28m | 46°0' |
| 69 | 7-15 | 27s,95 M | 37",3 M |
| 75 | 7-31 | 28,19 M | 37,2 M |
| 76 | 7-27 | 28,21 M | 35,8 M |

**24271 P. — 34406 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | III. | 18h28m | 79°4' |
| 71 | 7-16 | 27s,98 G | |
| 75 | 8-16 | 28,24 G | 41",5 G |
| 80 | 8- 1 | 28,16 M | 42,1 M |

**24272 P. — 16683 Mn1.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | III. | 18h28m | 90°42' |
| 69 | 8- 4 | 29s,42 M | 20",7 M |
| 81 | 6-30 | 29,95 M | 20,8 M |
| | 7- 4 | 29,64 M | 22,5 M |

**24273 P. — 126 Piazzi.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | I. | 18h27m | 51°14' |
| 40 | 8- 8 | 31s,93 G | |
| | 8- 9 | 31,95 G | |
| | 8-12 | 32,04 G | |
| | 8-17 | 32,07 G | |
| | II. | 18h28m | 51°14' |
| 59 | 8-21 | 2s,11 G | |

**24274 P. — 4628 Sf. — 7°.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | I. | 18h26m | 97°15' |
| 48 | 7-12 | 57s,35 G | |

**24275 P. — 34412 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | III. | 18h28m | 52°39' |
| 74 | 8-22 | 35s,41 M | 43",3 M |
| 75 | 8- 9 | 35,39 G | 42,4 G |
| | 8-10 | 35,46 G | 43,6 G |

**24276 P. — 34427 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | II. | 18h27m | 68°16' |
| 59 | 6-13 | 57s,61 G | 37",0 G |
| | III. | 18h28m | 68°16' |
| 70 | 6-27[1] | 36s,05 G | 0",3 G |
| | 7- 5 | 35,99 G | 0,3 G |
| | 7- 8 | 36,00 G | |
| | 7-22 | 35,88 G | 0,9 G |
| 81 | 7-11 | 36,04 J | 0,4 J |

[1] 𝒫 diminuée de 5" : erreur de 10" sur l'un des 2 microscopes lus.

**24277 P. — 34440 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | II. | 18h28m | 59°12' |
| 58 | 8- 2 | | 43",2 G |
| 60 | 8- 4 | 3s,29 G | 43,2 G |
| 66 | 6-27 | 3,55 G | |
| | 7-20[1] | 3,51 G | 44,4 G |
| | III. | 18h28m | 59°12' |
| 80 | 8- 8 | 37s,59 M | 4",2 M |
| | 8-10 | 37,60 M | 4,7 M |

[1] 𝒫 diminuée de 1'.

**24278 P. — 127 Piazzi.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | I. | 18h27m | 51°16' |
| 40 | 8- 8 | 40s,26 G | |
| | 8- 9 | 40,19 G | |
| | 8-12 | 40,34 G | |
| | 8-17 | 40,18 G | |
| | II. | 18h28m | 51°16' |
| 59 | 8-21 | 10s,19 G | |

**24279 P. — 3081 A + 41°.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | III. | 18h28m | 48°35' |
| 81 | 7-11 | 40s,52 M | 45",1 M |

**24280 P. — 806 W2.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | II. | 18h28m | 68°54' |
| 59 | 7-15 | 4s,85 G | |

**24281 P. — 34481 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | III. | 18h28m | 40°12' |
| 80 | 7-13 | 43s,40 G | 4",3 G |

**24282 P. — 34404 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | II. | 18h27m | 90°3' |
| 55 | 8-13 | 57s,73 G | |
| 59 | 8- 6 | 57,85 G | 49",4 G |
| 64 | 6-22 | 57,69 M | 49,1 M |
| | III. | 18h28m | 90°3' |
| 76 | 7-14 | 43s,84 G | 11",3 G |
| | 7-27 | 44,05 G | 12,8 G |
| | 8- 1 | 43,97 G | 11,6 G |

**24283 P. — 34472 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | III. | 18h28m | 44°19' |
| 80 | 8-26 | 46s,71 G | 7",2 G |
| 81 | 7 4 | 46,82 G | 5,8 G |

**24284 P. — 665 W1.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | II. | 18h28m | 85°52' |
| 57 | 7-13 | 2s,76 G | |

**24285 P. — 34431 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | II. | 18h28m | 71°24' |
| 58 | 7-25 | 12s,51 G | |
| 59 | 7-25 | 12,54 G | |
| 60 | 7-15 | 12,50 G | |
| | 7-30[1] | 12,54 G | 43",9 G |
| 67 | 8-13 | 12,44 M | 50,5 M |
| | 8-19 | 12,51 M | 50,7 M |

[1] 𝒫 non comprise dans la moyenne.

**24286 P. — 34395 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | II. | 18h28m | 104°10' |
| 54 | 9- 4 | 3s,02 G | |
| 60 | 8- 6[1] | 3,21 G | 26",4 G |
| | III. | 18h28m | 104°9' |
| 78 | 9- 2 | 54s,57 M | 47",3 M |
| | 9- 3 | 54,38 M | 48,5 M |

[1] 𝒫 diminuée de 5" : erreur de moy.

**24287 P. — 34424 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | II. | 18h28m | 79°12' |
| 56 | 7-24 | 12s,67 G | 53",2 G |
| | 8-15 | 12,56 G | |
| | III. | 18h28m | 79°12' |
| 79 | 6-24 | 55s,04 G | |

**24288 P. — 34430 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | II. | 18h28m | 74°52' |
| 58 | 7-19 | 14s,62 G | 37",6 G |
| | III. | 18h28m | 74°52' |
| 71 | 8- 9 | 55s,60 M | 0",5 M |
| | 8- 9 | 55,68 G | |

**24289 P. — 34436 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | I. | 18h27m | 69°39' |
| 41 | 8-20 | 39s,64 G | |
| | II. | 18h28m | 69°38' |
| 58 | 8-28 | 18s,18 G | 23",1 G |
| 59 | 8-10 | 18,11 G | |
| | III. | 18h28m | 69°37' |
| 70 | 7-16 | 56s,90 G | 43",8 G |
| | 7-19 | | 44,8 G |

**24290 P. — 34455 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | II. | 18h28m | 55°32' |
| 66 | 7-25 | 25s,90 G | 24",5 G |
| | III. | 18h28m | 55°31' |
| 68 | 8- 7 | 58s,06 G | 45",6 G |
| 69 | 7-21 | 58,30 M | 46,8 M |

**24291 P. — 3480 A + 21°.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | II. | 18h28m | 68°54' |
| 59 | 7-15 | 21s,31 G | |
| 61 | 7- 9 | | 31",9 G |

**24292 P. — 34378 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | II. | 18h28m | 116°23' |
| 59 | 8- 3 | | 51",9 G |
| | III. | 18h29m | 116°23' |
| 79 | 8-11 | 2s,46 M | 15",7 M |
| 81 | 7-21 | 2,60 M | 16,0 M |
| | 7-27 | 2,65 M | 17,8 M |

**24293 P. — 34480 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | I. | 18h28m | 46°1' |
| 40 | 8-15 | 10s,18 G | |
| | 8-16 | 10,04 G | |

### 24293 P. (suite).

| Dates 1800 + A. | M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h29m | 46°0' |
| 68 | 7-30 | 4s,08 M | 29",0 M |
| 75 | 7-15 | 4,23 M | 28,8 M |
| 76 | 8- 8 | 4,05 M | 28,5 M |
| | 8- 9 | 3,74 M | 30,1 M |
| | 8-12 | 3,96 M | 27,2 M |

### 24294 P. — 34474 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h28m | 49°34' |
| 67 | 8- 2 | 36s,03 M | 23",7 M |
| | | III. | |
| | | 18h29m | 49°33' |
| 81 | 7-16 | 5s,05 M | 43",4 M |
| | 7-18 | 5,17 M | 42,4 M |

### 24295 P. — 34487 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h29m | 44°0' |
| 80 | 8- 9 | 5s,18 G | 1",9 G |
| | 8-10 | 5,12 G | 3,5 G |

### 24296 P. — 664 W₁.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h28m | 104°13' |
| 60 | 8- 6 | 15s,59 G | |

### 24297 P. — 34403 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h27m | 103°57' |
| 40 | 8-30 | 25s,08 G | |
| | | II. | |
| | | 18h28m | 103°56' |
| 54 | 9-12 | | 34",8 G |
| | | III. | |
| | | 18h29m | 103°55' |
| 78 | 8-16 | 7s,24 M | 55",8 M |
| 79 | 8-10 | 7,11 J | |
| 80 | 7-10 | 7,25 M | 55,1 M |

### 24298 P. — 670 W₁.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h28m | 85°10' |
| 56 | 7-15 | 24s,19 G | |

### 24299 P. — 34380 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h28m | 118°37' |
| 58 | 8- 4 | 12s,02 G | 6",7 G |
| 59 | 9- 5 | | 5,8 G |

### 24300 P. — 34475 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h28m | 49°56' |
| 63 | 6-17 | 40s,97 G | |
| | 6-23 | 40,74 G | |
| | 7-11 | 40,81 G | |
| | 7-15 | 40,71 G | |
| | 7-17 | 40,73 G | |
| | 7-24 | 40,68 G | |
| | 7-30 | 40,78 G | |
| | 8- 1 | 40,64 G | |
| | 8- 6 | 40,67 G | |
| | 8- 8 | 40,67 G | |
| | 8- 9 | 40,95 G | |
| | 8-10 | 40,85 G | |
| | 8-13 | 40,89 G | |
| | 8-17 | 40,74 G | |
| 64 | 6-13 | 40,73 G | |
| | 6-22 | 40,80 G | |
| | 7- 1 | 40,62 G | |
| | 7- 6 | 40,69 G | |
| | 7-11 | 40,80 G | |
| | 7-14 | 40,75 G | |
| | 8- 2 | 40,73 G | |
| | 8- 3 | 40,74 G | |
| | 8- 7 | 40,63 G | |
| | 8- 8 | 40,63 G | |
| | 8-10 | 40,64 G | |
| | 8-11 | 40,74 G | |
| | 8-24 | 40,76 G | |
| | 8-28 | 40,81 G | |
| | | III. | |
| | | 18h29m | 49°56' |
| 72 | 7- 1 | 10s,11 G | |
| | 7- 3 | 10,10 G | 12",1 G |
| | 7- 4 | 10,24 G | |
| | 7-20 | 10,23 G | |
| | 8-17[1] | 10,22 G | |
| | 8-28 | 10,25 G | |

[1] 𝒜 augm. de 0s,50 : err. de 1s sur les quatre premiers fils.

### 24301 P. — 34439 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h28m | 75°22' |
| 67 | 8- 7[1] | 29s,38 M | 31",7 M |
| | | III. | |
| | | 18h29m | 75°21' |
| 71 | 8- 1 | 10s,36 M | 54",0 M |
| | 8- 1 | 10,38 G | |
| | 8-10 | 10,24 G | 54,6 G |
| | 9- 5 | 10,41 G | |

[1] 𝒫 augmentée de 3' : erreur de transcr. du micromètre.

### 24302 P. — 34446 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h28m | 68°55' |
| 59 | 7-15 | 33s,51 G | |
| | | III. | |
| | | 18h29m | 68°55' |
| 70 | 7-18 | 11s,71 G | 6",1 G |
| | 8- 6 | 11,74 G | 5,4 G |
| 73 | 7-15 | 11,76 G | 6,8 G |
| | 7-17 | 11,67 G | 5,4 G |
| | 7-21 | 11,69 | |

### 24303 P. — 34453-54 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h28m | 61°48' |
| 58 | 7-14 | 36s,69 G | |
| | | III. | |
| | | 18h29m | 61°48' |
| 73 | 7-22 | 12s,31 G | 0",5 G |
| | 8- 4 | 12,21 G | |
| 74 | 8-13 | 12,27 M | 4,0 M |
| | 8-19 | 12,13 M | 2,4 M |

### 24304 P. — 34409 L[1].

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h28m | 103°50' |
| 58 | 9- 9 | 21s,42 G | |
| | | III. | |
| | | 18h29m | 103°49' |
| 79 | 7-20 | 12s,37 J | |
| | 8-11 | 12,42 J | 58",3 J |
| | 8-12 | 12,63 J | 58,3 J |
| | 8-13 | 12,45 J | 57,9 J |

[1] La dist. pol. de Lal. doit être augm. de 2' : erreur de réduct. de Baily.

### 24305 P. — 34399 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h29m | 110°24' |
| 78 | 8- 2 | 13s,91 G | 48",6 G |
| | 8-14 | 13,73 G | 48,9 G |

### 24306 P. — 34511 et 13 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h28m | 37°59' |
| 64 | 7- 8 | | 18",6 G |
| | 7-13 | | 17,1 G |
| | 7-15 | | 18,6 G |
| | 7-18 | | 17,0 G |
| | 7-27 | | 18,2 G |
| 65 | 7- 8 | | 17,4 G |

### 24307 P. — 34423 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h27m | 96°51' |
| 41 | 8-27 | 46s,91 G | |
| | 8-28 | 47,05 G | |
| | 8-30 | 46,96 G | |
| | 8-31 | 46,89 G | |
| | | II. | |
| | | 18h28m | 96°51' |
| 56 | 6-27 | | 2",7 G |
| | 6-28 | 35s,43 G | 4,2 G |
| | 7- 5 | 35,56 G | 4,3 G |
| | 7-31 | 35,50 G | |
| 59 | 7-26 | 35,40 G | 5,7 G |
| | | III. | |
| | | 18h29m | 96°50' |
| 74 | 7-14 | 23s,82 G | 26",0 G |
| | 7-18 | 23,89 G | 26,0 G |
| | 7-20 | 23,79 G | 28,0 G |

### 24308 P. — 34437 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h28m | 84°20' |
| 56 | 5-23 | | 24",9 G |
| | 7- 1 | 39s,82 G | |
| 59 | 7-21 | 39,73 G | 24,9 G |

### 24309 P. — 34438 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h28m | 85°10' |
| 56 | 7- 3 | 41s,75 G | |
| 57 | 7-27 | 41,75 G | 18",3 G |
| | 8- 7 | 41,80 G | 18,9 G |
| | 8-22 | | 18,4 G |
| | 8-27 | | 18,8 G |
| 59 | 6-14 | 41,74 G | |
| | 7- 2 | 41,53 G | |
| | 8-25 | 41,69 G | |
| 62 | 9- 5 | 41,81 G | |
| | | III. | |
| | | 18h29m | 85°9' |
| 71 | 8- 8 | 26s,23 M | 41",2 M |

### 24310 P. — 34449 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h28m | 75°0' |
| 56 | 8-14 | 46s,38 G | |
| | | III. | |
| | | 18h29m | 74°59' |
| 71 | 7-17 | 27s,19 M | 32",0 M |
| | 7-17[1] | 26,93 G | 32,2 G |

[1] 𝒫 diminuée de 4",4 : erreur de réduct. (*Voir* 23527 P.)

### 24311 P. — 34456 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h28m | 68°37' |
| 58 | 9-10 | | 18",2 G |

### 24312 P. — 34465 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h28m | 60°21' |
| 58 | 8- 6 | 54s,48 G | |
| | 8- 7 | 54,54 G | |
| | | III. | |
| | | 18h29m | 60°21' |
| 70 | 7-29 | 29s,41 G | 5",8 G |
| 79 | 8-11 | 29,41 G | 6,2 G |

### 24313 P. — 34459 L.

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|
| III. | | |
| | 18h29m | 68°15' |
| 81 6-14 | 29s,57 J | 47",9 J |
| 6-26 | 29,52 J | 47,7 J |
| 7-13 | 29,86 J | 45,5 J |
| 7-17 | 29,93 J | 47,3 J |
| 7-18 | 29,78 J | 46,7 J |
| 7-19 | 29,58 J | 46,6 J |
| 7-21 [1] | 29,74 J | 46,6 J |
| 8-2 | 29,87 J | 47,2 J |
| 8-7 | 29,42 J | 46,4 J |

[1] 𝒜 augmentée de 1m.

### 24314 P. — 34422 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 18h28m | 102°5' |
| 54 8-28 | 40s,34 G | 29",5 G |
| III. | | |
| | 18h29m | 102°4' |
| 70 7-20 | 30s,85 M | 53",3 M |
| 80 7-31 | 30,79 M | 53,1 M |
| 81 7-19 | 30,91 M | 54,7 M |

### 24315 P. — 34462 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 18h28m | 66°37' |
| 59 8-12 | 53s,42 G | |
| III. | | |
| | 18h29m | 66°36' |
| 70 7-12 | 31s,03 G | 37",8 G |
| 7-15 | 30,98 G | 39,5 G |
| 73 7-18 | 30,74 G | 37,6 G |

### 24316 P. — 34420 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 18h28m | 106°3' |
| 54 8-27 | 44s,00 G | 24",5 G |
| III. | | |
| | 18h29m | 106°2' |
| 78 8-7 | 36s,16 G | 44",9 G |

### 24317 P. — 18448-49 A. O.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 18h28m | 109°14' |
| 59 6-10 | 43s,67 G | |

### 24318 P. — 18377 A. O.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 18h29m | 42°39' |
| 62 7-19 | 12s,57 G | 61",1 G |
| 8-6 | 12,27 G | 59,8 G |
| III. | | |
| | 18h29m | 42°39' |
| 81 6-29 | 36s,99 G | 21",3 G |

### 24319 P. — 34484-85 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 18h29m | 55°39' |
| 67 8-12 | 5s,37 G | 30",8 G |
| 8-13 | 5,28 G | 31,3 G |
| III. | | |
| | 18h29m | 55°38' |
| 74 8-20 | 37s,73 M | 51",7 M |

### 24320 P. — 34463 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 18h29m | 71°54' |
| 58 8-16 | 2s,63 G | 20",3 G |
| 9-11 | | 20,6 G |
| 59 6-4 | 2,75 G | |

### 24321 P. — 121 Piazzi.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | | |
| | 18h27m | 109°19' |
| 39 8-13 | 59s,22 G | |
| 40 8-28 | 59,10 G | |
| II. | | |
| | 18h28m | 109°19' |
| 59 6-10 | 52s,16 G | |

### 24322 P. — 34441 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 18h28m | 94°45' |
| 62 6-23 | | 10",7 G |
| III. | | |
| | 18h29m | 94°44' |
| 76 8-5 | 46s,70 G | 33",8 G |
| 8-8 | 46,76 G | 33,1 G |
| 78 7-18 | 46,60 G | 33,3 G |

### 24323 P. — 34442 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 18h29m | 94°40' |
| 57 8-28 | | 41",8 G |
| 58 5-26 | 1s,63 G | |
| 61 8-1 | 1,74 G | 42,5 G |
| 62 6-23 | 1,65 G | 44,2 G |
| III. | | |
| | 18h29m | 94°40' |
| 76 7-19 | 49s,45 G | 8",0 G |
| 7-26 | 49,37 G | 6,6 G |
| 8-4 | 49,44 G | 6,3 G |

### 24324 P. — 34428 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 18h28m | 109°31 |
| 54 8-29 | 57s,75 G | |
| 59 8-16 | | 0",3 G |

### 24324 P. (suite).

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | | |
| | 18h29m | 109°30' |
| 70 7-16 | 51s,23 M | 22",3 M |
| 7-21 | 51,22 M | 23,5 M |
| 81 7-29 | 51,23 M | 21,3 M |
| 8-6 [1] | 51,06 M | 21,3 M |

[1] 𝒫 diminuée de 7",5: erreur de réduct.

### 24325 P. — 34503 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | | |
| | 18h29m | 51°39' |
| 81 7-1 | 56s,10 J | 41",3 J |
| 7-3 | 56,08 J | 40,7 J |

### 24326 P. — 34496-97 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | | |
| | 18h29m | 55°41' |
| 81 7-30 | 57s,66 M | 16",4 M |

### 24327 P. — 3457 A + 24°.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | | |
| | 18h29m | 65°22' |
| 81 7-13 | 58s,07 M | 45",5 M |

### 24328 P. — 34429 L

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | | |
| | 18h28m | 111°37' |
| 50 8-11 | 10s,25 G | |
| 8-12 | 10,30 G | |
| 52 8-18 | 10,38 G | |

### 24329 P. — 12102 Bonn.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | | |
| | 18h29m | 48°42' |
| 81 7-9 | 58s,33 M | 50",4 M |

### 24330 P. — 34445 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 18h29m | 96°31' |
| 59 7-12 | | 56",4 G |
| III. | | |
| | 18h29m | 96°31' |
| 68 9-7 [1] | 59s,91 M | 19",9 M |
| 69 8-6 | 59,53 M | 20,4 M |
| 74 7-21 | 59,32 G | 19,2 G |
| 8-21 | 59,59 G | 20,1 G |
| 8-22 | 59,54 G | 19,5 G |

[1] 𝒜 non comprise dans la moyenne.

### 24331 P. — 34514 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | | |
| | 18h30m | 48°44' |
| 81 7-11 | 0s,54 G | 45",5 G |
| 7-21 | 0,69 G | 46,4 G |
| 7-26 | 0,75 G | 47,5 G |

### 24332 P. — 34433 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 18h29m | 109°32' |
| 54 8-30 | 11s,90 G | |
| 56 8-1 | 11,97 G | |
| III. | | |
| | 18h30m | 109°31' |
| 70 7-14 | 5s,34 M | 36",1 M |
| 75 7-20 | 5,19 G | 36,3 G |
| 7-23 | 5,31 G | 34,4 G |

### 24333 P. — 7794 Lacaille.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 18h29m | 122°47' |
| 58 8-19 | 10s,45 G | |

### 24334 P. — 16768 Mn₁.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 18h29m | 84°51' |
| 58 6-7 | 25s,85 G | |
| III. | | |
| | 18h30m | 84°50' |
| 71 8-10 | 10s,28 M | 27",1 M |

### 24335 P. — 702 W₁.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 18h29m | 78°49' |
| 59 7-10 | 30s,34 G | |
| III. | | |
| | 18h30m | 78°49' |
| 71 7-21 [1] | 12s,33 M | 8",6 M |

[1] 𝒫 augmentée de 10": erreur de moy.

### 24336 P. — 34434 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 18h29m | 113°30' |
| 55 8-30 | 19s,80 G | |

### 24337 P. — 34509 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | | |
| | 18h30m | 54°17' |
| 81 7-4 | 15s,07 J | 37",8 J |
| 7-5 | 14,93 J | 36,8 J |

Dates 1800 + — Positions moyennes pour les époques du Catal.

**24338 P. — 34493 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $18^h29^m$ | 66°14′ |
| 57 5-16 | $37^s,94$ G | |
| | III. | |
| | $18^h30^m$ | 66°13′ |
| 71 8-26 | $15^s,18$ G | $45'',6$ G |
| 73 7-25 | 15,58 G | |

**24339 P. — 34535 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $18^h29^m$ | 43°54′ |
| 40 7- 9 | | $1'',6$ F |
| | III. | |
| | $18^h30^m$ | 43°52′ |
| 80 7-31 | $15^s,72$ G | $41'',4$ G |
| 8- 3 | 15,72 G | 41,1 G |
| 81 8- 4 | 15,95 G | |
| 8- 7 | 15,77 G | 40,0 G |
| 9-13 | 15,95 G | |

**24340 P. — 34494 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $18^h29^m$ | 66°30′ |
| 57 6- 8 | $40^s,75$ G | |
| 62 7- 5 | 40,68 G | |
| 7-13 | 40,93 G | |
| 7-22 | 40,76 G | |
| 7-24 | 40,86 G | |
| 7-25 | 40,74 G | |
| 7-26 | 40,81 G | |
| 7-27 | 40,73 G | |
| 7-31[1] | 40,83 G | |
| | III. | |
| | $18^h30^m$ | 66°29′ |
| 70 8- 1 | $18^s,28$ G | $39'',5$ G |
| 74 7-20 | 18,30 M | 38,4 M |
| 7-21 | 18,22 M | 40,2 M |
| 7-27 | 18,07 M | 38,5 M |

[1] 𝒜 augmentée de $1^m$.

**24341 P. — 34468-69 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $18^h28^m$ | 85°10′ |
| 40 7-17 | | $1'',3$ F |
| | II. | |
| | $18^h29^m$ | 85°9′ |
| 56 7- 2 | $34^s,61$ G | |
| 57 5-27 | | $21'',7$ G |
| 61 6-30 | 34,45 G | |

**24342 P. — 34478 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $18^h29^m$ | 78°52′ |
| 59 7-10 | $38^s,16$ G | $4'',4$ G |
| | III. | |
| | $18^h30^m$ | 78°51′ |
| 71 8- 7 | $20^s,15$ G | $26'',4$ G |

**24343 P. — 34473 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $18^h29^m$ | 84°49′ |
| 58 6- 7 | $36^s,41$ G | |
| 9-13 | | $22'',1$ G |

**24344 P. — 5017 Sf. — 18°.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $18^h28^m$ | 108°25′ |
| 49 8-15[1] | $36^s,00$ G | |

[1] 𝒜 augmentée de $1^m$ : erreur de transcr.

**24345 P. — 34464 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $18^h29^m$ | 94°43′ |
| 57 7-31 | $37^s,04$ G | $46'',1$ G |
| 8-13 | 37,30 G | 44,9 G |
| 58 7-30 | 37,40 G | 44,6 G |
| | III. | |
| | $18^h30^m$ | 94°43′ |
| 68 9- 9 | $24^s,84$ M | $4'',4$ M |
| 76 8- 7 | 24,78 G | 4,8 G |
| 8-12 | 24,94 G | 4,8 G |
| 77 7-11 | 24,86 G | |
| 7-31 | 24,94 G | |

**24346 P. — 34566 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $18^h30^m$ | 33°2′ |
| 80 8- 8 | $25^s,17$ G | $57'',8$ G |

**24347 P. — 34444 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $18^h28^m$ | 111°31′ |
| 39 8-24 | $37^s,57$ G | |
| 9- 9 | 37,56 G | |
| 40 8- 2 | 37,66 G | |
| 8- 4 | | $9'',0$ F |
| 46 7- 7 | 37,32 G | |
| 7-12 | 37,61 G | |
| 7-27 | 37,72 G | |
| 7-28 | 37,56 G | |
| 7-29 | 37,46 G | |
| 7-30 | 37,46 G | |
| 8- 9 | 37,58 G | |
| 47 5-31 | 37,47 G | |
| 6-12 | 37,52 G | |
| 8-25 | 37,49 G | |
| 8-26 | 37,45 G | |
| 50 5-28 | | 11,0 G |
| | III. | |
| | $18^h30^m$ | 111°29′ |
| 81 7-10[1] | $25^s,34$ M | $55'',6$ M |
| 7-10 | 25,33 G | 56,1 G |

[1] 𝒜 augm. de $0^s,50$ ; err. de moy.

**24348 P. — 16786 Mn₁.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $18^h28^m$ | 98°47′ |
| 52 7-22[1] | $48^s,36$ G | |

[1] Erreur de 3° dans la déclinaison approchée inscrite au t. X. Le cahier-minute porte ✶ $h = 32°27'$.

**24349 P.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $18^h30^m$ | 64°43′ |
| 81 7- 6 | $27^s,01$ J | $4'',0$ J |

**24350 P. — 34448 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $18^h29^m$ | 109°42′ |
| 55 6-30 | $35^s,82$ G | $58'',7$ G |
| 59 7-11 | 35,80 G | 58,8 G |

**24351 P. — 34457 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $18^h29^m$ | 102°47′ |
| 55 7-17 | $40^s,04$ G | $46'',6$ G |
| 58 6-12 | | 45,2 G |
| | III. | |
| | $18^h30^m$ | 102°47′ |
| 79 8- 2 | $30^s,57$ M | $6'',0$ M |

**24352 P. — 18475-76 A. O.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $18^h29^m$ | 107°16′ |
| 59 6-24 | $38^s,54$ G | |

**24353 P. — 34460 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $18^h29^m$ | 102°27′ |
| 55 7-19 | $42^s,33$ G | |
| 60 9-12 | 42,25 G | $45'',1$ G |
| 67 7-29 | 42,32 M | 43,3 M |

**234354 P. — 34486 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $18^h29^m$ | 83°26′ |
| 56 7-29 | | $7'',8$ G |
| 57 8-20 | $50^s,52$ G | 6,2 G |
| 58 7- 3 | 50,64 G | 6,0 G |
| 59 7- 3 | 50,52 G | |

**24355 P. — 34452 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $18^h28^m$ | 107°21′ |
| 39 8-21 | $51^s,46$ G | $22'',5$ F |

**24355 P. (suite).**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $18^h29^m$ | 107°20′ |
| 55 6-24 | $43^s,53$ G | |
| 57 9- 5 | | $46'',3$ G |
| 59 6-24 | 43,92 G | 43,4 G |
| | III. | |
| | $18^h30^m$ | 107°20′ |
| 78 8- 6 | $36^s,06$ G | $4'',5$ G |
| 8-16 | 35,97 G | 5,7 G |

**34356 P. — 6557 Berlin B.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $18^h29^m$ | 69°38′ |
| 59 8-10 | $58^s,53$ G | |

**24357 P. — 34510 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $18^h30^m$ | 64°43′ |
| 81 7- 7[1] | $39^s,74$ J | $55'',3$ J |

[1] 𝒟 augmentée de 1′ : erreur de transcr.

**24358 P. — 34506 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $18^h30^m$ | 67°21 |
| 59 6-13 | $2^s,66$ G | |

**24359 P. — 16801 Mn₁.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $18^h29^m$ | 86°19′ |
| 63 8- 1 | $55^s,93$ M | $24'',9$ M |

**24360 P. — 34542-43 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $18^h30^m$ | 48°31′ |
| 81 7- 6 | $41^s,35$ G | $46'',6$ G |
| 7-18 | 41,11 G | 47,5 G |
| 7-19 | 41,04 G | 46,4 G |

**24361 P. — 34528-29 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $18^h30^m$ | 55°39′ |
| 58 8-13 | $9^s,99$ G | $10'',9$ G |
| 66 7-11 | 10,03 G | 10,6 G |
| | III. | |
| | $18^h30^m$ | 55°38′ |
| 79 7-10 | $42^s,39$ G | $30'',0$ G |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (A. — D.)

### 24362 P. — 34489 L.

II.

| A. | M. J. | 18h 30m | 89°9' |
|---|---|---|---|
| 57 | 7-19 | | 48″,0 G |

III.

| A. | M. J. | 18h 30m | 89°9' |
|---|---|---|---|
| 71 | 8-5 | 47s,57 M | 9″,3 M |
| | 8-11 | 47,72 M | 7,9 M |
| 72 | 7-16 | 47,95 G | |
| 73 | 8-1 | 47,62 M | 8,9 M |
| | 8-4 | 47,63 M | 8,1 M |

### 24363 P. — 34502 L.

II.

| A. | M. J. | 18h 30m | 75°10' |
|---|---|---|---|
| 57 | 7-15 [1] | 7s,22 G | 50″,4 G |
| 58 | 5-29 | | 49,9 G |

III.

| A. | M. J. | 18h 30m | 75°10' |
|---|---|---|---|
| 71 | 8-16 | 48s,17 G | |
| 80 | 7-6 | 48,14 M | 13″,6 M |
| | 7-22 [2] | 47,77 G | 13,3 G |
| | 7-27 [3] | 48,11 G | 7,7 G |

[1] Indiquée à tort au t. XIII à l'obs. d'asc. dr. comme étant 34501 Lal. (dist. des fils).
[2] A non comprise dans la moy. : fils très discordants.
[3] D non comprise dans la moyenne.

### 24364 P. — 34501 L.

III.

| A. | M. J. | 18h 30m | 77°6' |
|---|---|---|---|
| 75 | 7-19 | 50s,43 M | 53″,5 M |
| | 8-11 | 50,35 M | 53,2 M |
| 76 | 7-26 | 50,40 M | 53,3 M |
| | 8-2 | 50,49 M | 53,9 M |

### 24365 P. — 18401 A.O.

II.

| A. | M. J. | 18h 30m | 41°45' |
|---|---|---|---|
| 62 | 6-25 [1] | 26s,91 G | 34″,6 G |
| | 6-26 | 27,05 G | 34,2 G |

[1] A diminuée de 2m.

### 24366 P. — 34623 L.

III.

| A. | M. J. | 18h 30m | 24°39' |
|---|---|---|---|
| 80 | 8-5 | 52s,42 G | 36″,8 G |

### 24367 P. — 34521 L.

II.

| A. | M. J. | 18h 30m | 64°24' |
|---|---|---|---|
| 58 | 7-12 | | 21″,3 G |
| | 9-10 [1] | | 42,8 G |

### 24367 P. (suite).

III.

| A. | M. J. | 18h 30m | 64°23' |
|---|---|---|---|
| 70 | 7-19 | 52s,80 G | 42″,5 G |
| 73 | 7-15 | 52,83 G | 41,5 G |

[1] D non comprise dans la moyenne : erreur probable de 20″.

### 24368 P. — 34461 L.

I.

| A. | M. J. | 18h 29m | 113°37' |
|---|---|---|---|
| 43 | 7-18 | 4s,91 G | |
| 46 | 7-3 | 4,85 G | |
| 47 | 6-28 | 5,01 G | |
| | 7-11 | 4,99 G | |
| 50 | 7-22 | | 52″,8 G |

II.

| A. | M. J. | 18h 30m | 113°37' |
|---|---|---|---|
| 59 | 6-17 | | 11″,4 G |

III.

| A. | M. J. | 18h 30m | 113°36' |
|---|---|---|---|
| 79 | 7-15 | 54s,51 J | 33″,4 J |
| | 7-19 | 54,52 J | 32,6 J |
| 80 | 7-19 | 54,56 G | 30,0 G |

### 24369 P. — 34546 L.

III.

| A. | M. J. | 18h 30m | 50°34' |
|---|---|---|---|
| 68 | 7-31 | 55s,03 G | 8″,5 G |
| | 8-1 | 55,07 G | 9,5 G |

### 24370 P. — 16816 Mn₁.

II.

| A. | M. J. | 18h 30m | 84°48' |
|---|---|---|---|
| 58 | 7-13 | 11s,63 G | |

### 24371 P. — 34482 L.

II.

| A. | M. J. | 18h 30m | 97°26' |
|---|---|---|---|
| 57 | 7-11 | 7s,27 G | 53″,7 G |
| | 8-10 | | 55,6 G |

III.

| A. | M. J. | 18h 30m | 97°26' |
|---|---|---|---|
| 69 | 7-29 | 55s,94 M | 13″,8 M |
| | 8-4 | 55,93 M | 15,6 M |
| 74 | 7-6 | 56,17 G | 16,7 G |
| | 7-8 | 56,04 G | 14,5 G |
| | 7-13 | 56,14 G | 15,1 G |

### 24372 P. — 34517 L.

II.

| A. | M. J. | 18h 30m | 70°6' |
|---|---|---|---|
| 58 | 9-12 | | 22″,2 G |

III.

| A. | M. J. | 18h 30m | 70°5' |
|---|---|---|---|
| 71 | 7-20 | | 40″,9 M |
| | 7-20 | 56s,15 G | 42,0 G |
| | 8-27 | 56,24 G | |

### 24373 P. — 34495 L.

II.

| A. | M. J. | 18h 30m | 87°8' |
|---|---|---|---|
| 58 | 8-1 | | 13″,7 G |

III.

| A. | M. J. | 18h 30m | 87°7' |
|---|---|---|---|
| 74 | 7-8 | 56s,66 M | 34″,7 M |
| | 7-31 | 56,59 M | 34,8 M |

### 24374 P. — 34476 L.

II.

| A. | M. J. | 18h 30m | 104°7' |
|---|---|---|---|
| 54 | 9-6 | 7s,81 G | |
| 57 | 8-29 | | 12″,9 G |

III.

| A. | M. J. | 18h 30m | 104°6' |
|---|---|---|---|
| 68 | 7-17 | 58s,89 M | 29″,2 M |

### 24375 P. — 34515 L.

II.

| A. | M. J. | 18h 30m | 74°39' |
|---|---|---|---|
| 56 | 8-13 | 22s,83 G | |
| 57 | 6-2 | | 58″,6 G |
| | 6-6 | | 58,5 G |

III.

| A. | M. J. | 18h 31m | 74°39' |
|---|---|---|---|
| 71 | 7-16 | 3s,42 G | |

### 24376 P. — 34580 L.

III.

| A. | M. J. | 18h 31m | 37°44' |
|---|---|---|---|
| 81 | 7-7 | 6s,17 G | 41″,4 G |
| | 7-27 | 6,83 G | 41,8 G |
| | 7-28 | | 40,9 G |
| | 7-29 | 6,44 G | 41,1 G |
| | 8-6 | | 41,6 G |
| | 9-17 | 6,46 G | |

### 24377 P. — 724 W₁.

II.

| A. | M. J. | 18h 30m | 84°47' |
|---|---|---|---|
| 58 | 7-13 | 22s,49 G | 46″,9 G |

### 24378 P. — 16827 Mn₁.

II.

| A. | M. J. | 18h 30m | 84°18' |
|---|---|---|---|
| 63 | 8-3 | 22s,54 M | 43″,9 M |

### 24379 P. — 34491 L.

II.

| A. | M. J. | 18h 30m | 96°54' |
|---|---|---|---|
| 57 | 8-2 | 18s,57 G | |
| 59 | 6-3 | 18,66 G | |
| | 8-6 | 18,69 G | |

### 24379 P. (suite).

III.

| A. | M. J. | 18h 31m | 96°54' |
|---|---|---|---|
| 74 | 7-14 | 6s,88 G | 3″,7 G |
| | 7-20 | 6,94 G | 4,0 G |
| | 7-27 | 7,00 G | |

### 24380 P. — 34492 L.

II.

| A. | M. J. | 18h 30m | 94°55' |
|---|---|---|---|
| 58 | 9-8 | 19s,47 G | 26″,2 G |

III.

| A. | M. J. | 18h 31m | 94°54' |
|---|---|---|---|
| 76 | 8-2 | 7s,26 G | 45″,8 G |
| 78 | 7-13 | 7,31 M | 45,0 M |

### 24381 P. — 34500 L.

II.

| A. | M. J. | 18h 30m | 87°29' |
|---|---|---|---|
| 57 | 7-23 | 23s,48 G | 5″,5 G |
| 59 | 8-24 | 23,44 G | |

III.

| A. | M. J. | 18h 31m | 87°28' |
|---|---|---|---|
| 79 | 7-28 | 8s,50 J | 26″,2 J |

### 24382 P. — 34551 à 54 L.

I.

| A. | M. J. | 18h 30m | 51°13' |
|---|---|---|---|
| 37 | 6-17 | | 42″,5 F |
| | 6-19 | | 41,4 F |
| | 6-21 | | 41,5 F |
| | 6-22 | | 40,1 F |
| | 6-23 [1] | | 40,4 F |
| | 6-25 | 10s,63 G | 41,5 G |
| 39 | 8-24 [2] | | 40,6 F |
| 41 | 8-20 | 10,46 G | |
| 49 | 7-13 | 10,26 G | |
| 50 | 7-29 | 10,25 G | |
| | 7-30 | 10,31 G | |

II.

| A. | M. J. | 18h 30m | 51°13' |
|---|---|---|---|
| 59 | 8-21 | 40s,29 G | |

[1] D diminuée de 1′30″ (3 tours de vis des microscopes).
[2] D augmentée de 5″ : erreur de moy.

### 24383 P. — 34499 L.

III.

| A. | M. J. | 18h 31m | 90°24' |
|---|---|---|---|
| 69 | 7-26 | 10s,79 M | 46″,5 M |
| 78 | 7-31 | 10,69 G | 45,5 G |

Dates 1800+ — Positions moyennes pour les époques du Catal.

**24384 P. — 34498 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $18^h30^m$ | 96°54′ |
| 56 8- 3 | | 21″,7 G |
| 57 8- 2 | 27$^s$,53 G | |
| 59 6- 3 | 27,68 G | |
| 8- 6 | 27,63 G | 21,9 G |
| III. | $18^h31^m$ | 96°53′ |
| 79 8-12 | 15$^s$,77 M | 49″,1 M |

**24385 P. — 34559-60 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $18^h31^m$ | 48°31′ |
| 81 7-17 | | 18″,7 G |

**24386 P. — 34536 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $18^h31^m$ | 67°59′ |
| 70 7-18 | | 40″,2 G |
| 8- 6 | 19$^s$,89 G | 41,4 G |
| 75 7-23 | 19,81 M | 42,4 M |
| 7-26 | 19,83 M | 42,4 M |
| 7-28 | 19,87 M | 41,2 M |
| 7-31 | 19,88 M | 42,8 M |
| 76 7-15 | 20,05 M | 42,4 M |
| 7-19 | 19,86 M | 41,7 M |
| 7-27 | 19,96 M | 41,2 M |

**24387 P. — 34522 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $18^h31^m$ | 78°40′ |
| 71 8-28 | 21$^s$,64 G | |
| 75 7- 6 | 21,81 G | 54″,5 G |
| 7-15 | 21,76 G | 54,0 G |

**24388 P. — 34533 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $18^h31^m$ | 71°45′ |
| 71 8- 9 | 24$^s$,00 M | 57″,2 M |
| 8- 9 | 23,93 G | 58,2 G |

**24389 P. — 34490 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $18^h30^m$ | 106°25′ |
| 54 9- 2 | 32$^s$,04 G | |
| 67 7-30 | 32,06 M | 37″,0 M |
| III. | $18^h31^m$ | 106°24′ |
| 70 7-12 [1] | 24$^s$,16 M | 53″,6 M |
| 78 8- 3 | 23,91 G | 60,4 G |
| 8- 9 | 24,13 G | 59,4 G |

[1] 𝒫 non comprise dans la moyenne.

**24390 P. — 34505 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $18^h30^m$ | 92°42′ |
| 55 8-20 | | 19″,0 G |
| III. | $18^h31^m$ | 92°41′ |
| 76 7-14 | 25$^s$,15 G | 39″,4 G |
| 7-27 | 25,20 G | 40,9 G |
| 8- 1 | 25,11 G | 39,9 G |

**24391 P. — 34488 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $18^h29^m$ | 111°10′ |
| 40 8- 2 | 38$^s$,82 G | |
| 47 8-21 | 38,83 G | |
| 48 7- 5 | 38,70 G | |
| 51 8-20 | 38,72 G | |

**24392 P. — 34518 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $18^h31^m$ | 84°50′ |
| 72 7- 6 [1] | 26$^s$,61 M | 35″,8 M |

[1] 𝒫 diminuée de 1′.

**24393 P. — 34523 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $18^h30^m$ | 80°51′ |
| 57 8-18 | 45$^s$,21 G | |
| III. | $18^h31^m$ | 80°50′ |
| 79 8-12 | 27$^s$,85 G | 58″,5 G |
| 80 7- 4 | 27,75 M | 57,3 M |

**24394 P. — 34550 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $18^h31^m$ | 59°31′ |
| 81 7-27 | 28$^s$,28 J | 7″,0 J |
| 7-28 | 28,43 J | 5,7 J |
| 7-30 | 28,04 J | 7,1 J |
| 8- 6 | 28,34 J | 7,8 J |

**24395 P. — 34525 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $18^h30^m$ | 78°45′ |
| 59 7-10 | 47$^s$,34 G | 34″,9 G |
| III | $18^h31^m$ | 78°44′ |
| 79 7- 4 | 29$^s$,24 G | 54″,8 G |

**24396 P. — 34516 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $18^h31^m$ | 90°29′ |
| 78 7-30 | 31$^s$,11 G | 27″,1 G |
| 79 7-29 | 31,14 J | 26,1 J |
| 8- 2 | 31,08 J | |

**24397 P. — 34558 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $18^h31^m$ | 59°39′ |
| 81 8- 8 | 46$^s$,33 J | 36″,6 J |
| 8-14 | 46,36 J | 36,8 J |

**24398 P. — 34537 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $18^h31^m$ | 82°1′ |
| 57 8-21 [1] | | 58″,4 G |
| III. | $18^h31^m$ | 82°1′ |
| 79 7-29 | 46$^s$,77 G | 17″,1 G |
| 80 7- 5 | 46,75 M | 16,7 M |

[1] 𝒫 diminuée de 5′.

**24399 P. — 34507 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $18^h30^m$ | 103°53′ |
| 55 7-13 | 57$^s$,29 G | |
| III. | $18^h31^m$ | 103°53′ |
| 78 8-16 | 48$^s$,25 M | 0″,2 M |
| 79 8-16 [1] | 48,38 J | 1,6 J |
| 8-17 | 48,36 J | 0,4 J |

[1] 𝒜 dim. de 0$^s$,29 et 𝒫 diminuée de 2″,8 : erreur de réduct.

**24400 P. — 34524 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $18^h31^m$ | 93°18′ |
| 57 8-11 | | 45″,5 G |
| III. | $18^h31^m$ | 93°18′ |
| 79 8-11 | 50$^s$,13 J | 2″,8 J |

**24401 P. — 34527 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $18^h31^m$ | 91°13′ |
| 56 8- 2 | | 49″,1 G |
| III. | $18^h31^m$ | 91°13′ |
| 76 8- 8 | | 7″,3 G |
| 8- 9 | 51$^s$,90 G | 8,3 G |
| 78 7-18 | 51,58 G | 8,4 G |
| 79 8-12 | 51,64 J | 8,1 J |
| 8-13 | 51,64 J | 8,4 J |

**24402 P. — 34512 et 49 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $18^h31^m$ | 105°9′ |
| 57 8-12 | 2$^s$,64 G | 28″,8 G |
| III. | $18^h31^m$ | 105°8′ |
| 79 7-15 | 53$^s$,94 M | 46″,9 M |

**24403 P. — 34581 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $18^h31^m$ | 52°4′ |
| 81 7-19 | 57$^s$,28 J | 2″,7 J |
| 7-21 [1] | 57,05 J | 2,8 J |

[1] 𝒜 augm. de 0$^s$,17 : err. de moy.

**24404 P. — 34562 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $18^h32^m$ | 65°39′ |
| 73 7-17 | 1$^s$,52 G | 59″,5 G |
| 7-18 | 1,50 G | 60,0 G |
| 7-25 | 1,64 G | |

**24405 P. — 34573, 75 et 76 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $18^h31^m$ | 56°38′ |
| 66 7- 9 | 29$^s$,06 G | |
| III. | $18^h32^m$ | 56°38′ |
| 74 8-21 | 2$^s$,09 M | 5″,0 M |
| 75 7-26 | 2,01 G | |
| 7-28 | 2,33 G | 5,1 G |
| 7-31 | 2,10 G | 4,7 G |
| 8-10 | 2,17 G | 5,6 G |

**24406 P. — 34555 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $18^h31^m$ | 71°22′ |
| 67 8-13 | 24$^s$,09 M | 10″,1 M |
| 8-19 | 23,79 M | 8,2 M |

**24407 P. — 34545 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $18^h32^m$ | 85°8′ |
| 71 8- 7 | 7$^s$,39 M | 27″,8 M |
| 74 7-29 | 7,65 M | 27,1 M |

**24408 P. — 34592-93 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $18^h31^m$ | 48°50′ |
| 67 7- 9 | 43$^s$,56 M | 13″,6 M |
| III. | $18^h32^m$ | 48°49′ |
| 68 7-25 | 12$^s$,56 M | 31″,7 M |

**24409 P. — 34565 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $18^h31^m$ | 71°40′ |
| 57 8- 5 | 39$^s$,63 G | |
| III. | $18^h32^m$ | 71°39′ |
| 71 7-17 | 18$^s$,93 M | 53″,8 M |
| 7-17 [1] | 18,57 G | 53,4 G |
| 9- 5 | 18,92 G | |

[1] 𝒫 diminuée de 4″,4 : erreur de réduct. (*Voir* 23527 P.)

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜., 𝒟.)

**24410 P. — 34564 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 18h31m | 75°55′ |
| 56 6-25 | | 2",7 G |
| | III. | |
| | 18h32m | 75°54′ |
| 71 8- 1 | 25s,92 M | 19",2 M |
| 8- 1 | 26,18 G | |
| 9- 2 | 25,78 G | |

**24411 P. — 34540 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 18h31m | 102°22′ |
| 55 6-23 | 35s,84 G | |
| 60 6-29 | 35,61 G | |
| | III. | |
| | 18h32m | 102°21′ |
| 70 7-15 | | 21",7 M |
| 7-16 | 26s,38 M | 21,1 M |
| 78 8- 7 | 26,51 G | 23,5 G |

**24412 P. — 34556 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 18h31m | 85°15′ |
| 59 7- 2 | 45s,14 G | |
| 8-25 | 45,20 G | |
| | III. | |
| | 18h32m | 85°15′ |
| 71 8- 8 | 29s,67 M | 3",1 M |
| 8-10 | 29,63 M | 4,5 M |

**24413 P. — 3601 A + 14°.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 18h31m | 75°40′ |
| 58 8- 3 | 50s,19 G | |

**24414 P. — 34571 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 18h31m | 75°44′ |
| 58 8- 3 | 58s,61 G | 16",3 G |
| | III. | |
| | 18h32m | 75°43′ |
| 71 8-10 | 39s,56 G | 33",5 G |

**24415 P. — 34598 à 610 L.**

3 α Lyre (Véga).

Étoile fondamentale.

**24416 P. — 34557 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 18h32m | 93°15′ |
| 69 8- 6 | 43s,66 M | 35",7 M |
| 75 7-24 | 43,93 M | 34,2 M |
| 8- 9 | 44,07 M | 35,6 M |
| 76 8- 1 | 43,94 M | 35,5 M |
| 8- 4 | 43,88 M | 35,5 M |
| 8- 7 | 43,81 M | 35,0 M |
| 79 8-10 | 43,77 J | 35,9 J |

**24417 P. — 34561 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 18h32m | 90°0′ |
| 76 7-26 | 45s,55 G | 9",5 G |
| 8- 4 | 45,66 G | 10,4 G |
| 8- 5 | 45,63 G | 9,7 G |

**24418 P. — 18434-35 A. O.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 18h32m | 41°5′ |
| 80 8- 9 | 45s,97 G | |

**24419 P. — 34568 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 18h32m | 83°50′ |
| 58 9-13 | | 58",9 G |
| 59 6-14 | 4s,76 G | |
| 7-21 | 4,97 G | 62,3 G |

**24420 P. — 34585 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 18h32m | 75°1′ |
| 71 8- 7 | 54s,53 G | 29",6 G |
| 79 8-26[1] | 54,57 G | 30,1 G |
| 80 7- 6 | 54,45 M | 28,4 M |
| 81 7-13 | 54,49 M | 28,9 M |

[1] 𝒜 augmentée de 0s,80 : erreur de 1s sur les quatre derniers fils. (Correction indiquée comme probable par l'observateur.)

**24421 P. — 12150 Bonn.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 18h32m | 48°15′ |
| 81 6-14 | 58s,45 G | |

**24422 P. — 34597 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 18h32m | 61°29′ |
| 58 7-17 | 30s,38 G | 21",8 G |
| | III. | |
| | 18h33m | 61°28′ |
| 70 7-12 | 5s,56 G | 39",3 G |
| 8- 1 | 5,61 G | 39,9 G |
| 73 7-15 | | 38,6 G |
| 8- 4 | 5,62 G | |

**24423 P. — 34569 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 18h32m | 97°54′ |
| 55 8-13 | 24s,77 G | |
| 57 8-27 | | 42",7 G |
| 8-28 | | 42,9 G |
| | III. | |
| | 18h33m | 97°53′ |
| 72 7-16 | 13s,54 M | 59",3 M |
| 74 7- 6 | 13,66 G | 60,9 G |
| 7- 8 | 13,60 G | 60,0 G |
| 7-13 | 13,65 G | 59,8 G |

**24424 P. — 34588 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 18h32m | 79°5′ |
| 58 9-11 | 32s,05 G | 39",4 G |
| | III. | |
| | 18h33m | 79°4′ |
| 79 8-11 | 14s,39 G | 57",2 G |

**24425 P. — 34583 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 18h32m | 89°58′ |
| 57 8-13 | 30s,48 G | 25",0 G |
| 60 8- 6 | 30,39 G | 26,4 G |
| | III. | |
| | 18h33m | 89°57′ |
| 69 8- 4 | 16s,29 M | 42",6 M |

**24426 P. — 34649 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 18h33m | 41°15′ |
| 80 7-31 | 17s,96 G | 4",1 G |
| 8- 9 | | 4,4 G |
| 81 7- 1 | 18,26 G | 2,7 G |

**24427 P. — 34612 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 18h33m | 64°50′ |
| 74 7-20 | 19s,76 M | 27",0 M |
| 75 7-20 | 19,73 G | 27,2 G |
| 7-23 | 19,84 G | 26,8 G |
| 8- 9 | 19,66 G | 26,6 G |

**24428 P. — 34584 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 18h33m | 91°23′ |
| 76 8-10 | 22s,12 G | 60",5 G |
| 8-12 | 21,95 G | 59,3 G |
| 77 7-11 | 21,90 G | |
| 8- 2 | 21,93 G | |

**24429 P. — 34582 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 18h32m | 95°53′ |
| 56 8- 3 | 36s,92 G | |
| | III. | |
| | 18h33m | 95°52′ |
| 68 9- 8 | 25s,14 M | 57",4 M |
| 69 7-29 | | 57,3 M |
| 74 7-18 | 25,20 G | 58,7 G |
| 7-20 | 25,23 G | 57,1 G |
| 7-21 | 25,21 G | 58,2 G |

**24430 P. — 34590-91 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 18h32m | 84°51′ |
| 57 5-27 | | 29",0 G |
| 60 9-12 | 43s,40 G | 30,9 G |
| | III. | |
| | 18h33m | 84°50′ |
| 70 6-29 | 27s,56 M | 46",6 M |
| 71 8- 5 | 27,67 M | 43,8 M |

**24431 P. — 34618 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 18h32m | 61°25′ |
| 58 7-17 | 53s,27 G | |
| | III. | |
| | 18h33m | 61°24′ |
| 70 8- 6 | 28s,53 G | 38",7 G |
| 71 8-26 | 28,02 G | 39,2 G |

**24432 P. — 34615 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 18h33m | 65°27′ |
| 81 7- 1 | 32s,89 J | 39",8 J |
| 7- 6 | 33,07 G | 38,9 J |

**24433 P. — 34667 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 18h33m | 38°13′ |
| 81 7- 6 | 35s,77 G | 48",5 G |
| 7-17 | 35,97 G | 47,4 G |

**24434 P. — 34614 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 18h32m | 71°25′ |
| 58 9-12 | | 19",6 G |
| 67 8-13 | 56s,93 M | 19,8 M |
| 8-19 | 56,52 M | 19,6 M |

**24435 P. — 34620 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 18h33m | 65°48′ |
| 74 8-19 | 39s,77 M | 12",4 M |
| 75 7-15 | 39,81 M | 12,8 M |
| 8-16 | 39,73 M | 13,4 M |
| 76 7-26 | 39,93 M | 12,0 M |
| 8- 3 | 39,89 M | 11,7 M |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜, 𝒫)

**24436 P. — 34596 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | II. 18h32m | 81°23′ |
| 57 | 7-18 | 57s,62 G | 23″,1 G |
| | 8-22 | | 22,9 G |
| 62 | 9- 5 | 57,51 G | |

**24437 P. — 34595 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | II. 18h32m | 88°49′ |
| 57 | 7-19 | | 54″,5 G |
| | 7-27 | 58s,30 G | 54,6 G |
| | | III. 18h33m | 88°49′ |
| 71 | 8-11 | 43s,80 M | 11″,2 M |

**24438 P. — 34662 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | III. 18h33m | 41°3′ |
| 68 | 7-31 | 45s,80 M | 19″,6 M |

**24439 P. — 3241 A + 38°.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | II. 18h33m | 51°21′ |
| 60 | 8- 4 | | 19″,7 G |

**24440 P. — 34594 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | II. 18h33m | 95°49′ |
| 56 | 6-29 | | 54″,8 G |
| 59 | 7-12 | | 55,2 G |
| | | III. 18h33m | 95°49′ |
| 74 | 7-14 | 50s,91 G | 11″,7 G |
| | 7-27 | 50,95 G | |
| | 8-21 | 51,01 G | 11,7 G |

**24441 P. — 993 $W_2$.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | II. 18h33m | 63°41′ |
| 58 | 7-12 | | 50″,1 G |

**24442 P. — 34625 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | III. 18h33m | 69°36′ |
| 81 | 7-13 | 52s,53 J | 44″,7 J |
| | 7-18 | 52,23 J | 44,8 J |

**24443 P. — 34626 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | III. 18h33m | 69°10′ |
| 73 | 7-17 | 57s,81 G | 37″,6 G |
| | 7-18 | 57,73 G | |
| | 7-25 | 57,82 G | |

**24444 P. — 34654 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | III. 18h33m | 50°26′ |
| 68 | 7-31 | 58s,64 G | 26″,9 G |
| | 8- 1 | 58,73 G | |
| 75 | 8-11 | 58,73 G | 26,7 G |
| | 8-16 | 58,72 G | 26,9 G |

**24445 P. — 4069 $R_1$.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | I. 18h43m | 3°30′ |
| 43 | 9- 4[1] | 13s,24 G | 49″,7 F |

[1] 𝒫 diminuée de 100° : erreur de réduct.

**24446 P. — 34651 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | III. 18h34m | 54°3′ |
| 81 | 7-28 | 1s,15 J | 18″,3 J |
| | 8- 5 | 1,03 J | 18,7 J |
| | 8- 6 | 1,00 J | 19,0 J |
| | 8- 7 | 1,04 J | 17,0 J |

**24447 P. — 34670 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | III. 18h34m | 43°57′ |
| 80 | 7-13 | 2s,35 G | 35″,7 G |
| 81 | 7-18 | 2,34 G | |
| | 8- 7 | 2,37 G | 34,3 G |

**24448 P. — 34589 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | II. 18h33m | 107°12′ |
| 54 | 9-11 | 12s,80 G | |
| 57 | 8-29 | | 1″,7 G |
| 59 | 8-16 | | 1,9 G |
| 67 | 7-29 | 12,90 M | 2,8 M |
| | | III. 18h34m | 107°11′ |
| 68 | 7-17 | 5s,01 M | 16″,9 M |
| 70 | 7-12 | 5,07 M | 17,2 M |
| | 7-14 | 5,13 M | |

**24449 P. — 34631 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | III. 18h34m | 71°31′ |
| 71 | 8-27 | 5s,53 G | |
| 75 | 7-19 | 5,68 M | 14″,6 M |
| | 7-28 | 5,69 M | 13,8 M |
| | 7-29 | 5,68 M | 14,5 M |
| 76 | 7-27 | 5,62 M | 13,2 M |
| | 8- 8 | 5,69 M | 14,7 M |

**24450 P. — 34628 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | II. 18h33m | 75°2′ |
| 56 | 8-13 | 28s,64 G | |
| 57 | 6- 6 | | 7″,6 G |

**24450 P. (suite).**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | III. 18h34m | 75°1′ |
| 71 | 7-16 | 9s,06 G | |
| | 8-28 | 9,34 G | |
| 79 | 7-10 | 9,41 G | 24″,4 G |
| | 8-16 | 9,49 G | 23,0 G |

**24451 P. — 34613 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | II. 18h33m | 93°8′ |
| 59 | 8- 6 | 25s,64 G | 56″,2 G |
| | | III. 18h34m | 93°8′ |
| 68 | 8- 7 | 12s,98 M | 12″,2 M |
| 69 | 7-26 | 13,12 M | 12,9 M |
| | 7-30 | 12,80 M | 13,2 M |
| 75 | 7-23 | 12,79 M | 11,9 M |

**24452 P. — 2667 A + 47°.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | II. 18h33m | 42°8′ |
| 62 | 8- 3 | 49s,80 G | 26″,8 G |

**24453 P. — 34587 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | I. 18h32m | 113°58′ |
| 50 | 9- 4 | | 20″,6 F |
| | | II. 18h33m | 113°57′ |
| 59 | 6-17[1] | | 33″,1 G |
| | | III. 18h34m | 113°56′ |
| 79 | 7-15 | 14s,25 J | 51″,6 J |
| | 7-20 | 14,15 J | 51,0 J |

[1] 𝒫 diminuée de 5′.

**24454 P. — 34616 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | II. 18m33m | 87°26′ |
| 59 | 7- 5 | 29s,81 G | 25″,9 G |
| | | III. 18h34m | 87°25′ |
| 73 | 8- 6 | 14s,86 M | 41″,2 M |
| 74 | 7-31 | 14,92 M | |

**24455 P. — 34669 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | III. 18h34m | 50°40′ |
| 81 | 7- 4 | | 40″,0 J |
| | 7- 7 | 22s,30 J | 40,6 J |

**24456 P. — 34622 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | III. 18h34m | 89°4′ |
| 74 | 7- 8 | 23s,97 M | 31″,1 M |
| 75 | 7-31 | 23,94 M | 31,4 M |
| 76 | 8-10 | 23,86 M | 30,6 M |

**24457 P. — 34632 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | III. 18h34m | 81°14′ |
| 71 | 8- 7 | 24s,07 M | 41″,0 M |
| 75 | 7-15 | 23,98 G | 38,8 G |

**24458 P. — 34633 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | III. 18h34m | 80°24′ |
| 71 | 8- 8 | 24s,94 M | 57″,1 M |
| 75 | 7- 6 | 24,72 G | 55,5 G |
| | 7-19 | 24,84 G | 55,7 G |
| | 7-26 | 24,79 G | |

**24459 P. — 34636 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | II. 18h33m | 78°4′ |
| 59 | 7-10 | 47s,80 G | 14″,6 G |
| | | III. 18h34m | 78°3′ |
| 71 | 8-16 | 29s,67 G | |

**24460 P. — 34655 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | III. 18h34m | 63°31′ |
| 74 | 8-13 | 32s,41 M | 27″,5 M |
| 75 | 7-26 | 32,54 M | 28,2 M |
| 76 | 8-12 | 32,54 M | 27,0 M |

**24461 P. — 34657 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | III. 18h34m | 63°55′ |
| 74 | 7-21 | 34s,84 G | 24″,5 M |
| 76 | 7-14 | 34,76 G | 21,8 G |

**24462 P. — 34642 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | II. 18h33m | 76°45′ |
| 57 | 6- 2 | | 16″,5 G |
| | | III. 18h34m | 76°44′ |
| 71 | 7-20 | 36s,21 G | 32″,9 G |
| 75 | 8-11 | 36,49 M | 32,8 M |
| 76 | 8- 9 | 36,46 M | 33,6 M |

| Dates 1800 + A. | M. J. | Positions moyennes pour les époques du Catal. Æ. | P. |
|---|---|---|---|

### 24463 P. — 34660 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | III. | 18h34m | 65°6' |
| 70 | 7-25 | 42s,28G | 14",2G |
| 75 | 7-31 | 42,03G | 13,0G |

### 24464 P. — 34643 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | II. | 18h34m | 81°20' |
| 57 | 7-23 | 3s,92G | 8",0G |
| 59 | 8-24 | 3,97G | |
| | III. | 18h34m | 81°19' |
| 71 | 8-10 | 47s,04M | 22",3M |

### 24465 P. — 34708 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | III. | 18h34m | 38°9' |
| 80 | 7-15 | 47s,24G | 48",6G |
| | 8-3 | 47,04G | 47,9G |
| 81 | 7-11[1] | 47,02G | 48,2G |
| | 9-13 | 47,32G | |

[1] P augmentée de 1" : erreur de réduct. (Voir 23954 P.)

### 24466 P. — 34621 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | II. | 18h34m | 107°8' |
| 54 | 8-27 | 3s,01G | 25",4G |
| 55 | 6-24 | 3,27G | |
| 58 | 6-12 | | 23,7G |
| | III. | 18h34m | 107°7' |
| 70 | 7-15 | 55s,26M | 38",8M |
| 78 | 8-2 | 55,51G | 37,8G |
| | 8-6 | 55,46G | 39,4G |
| | 8-9 | 55,37G | 39,4G |
| | 8-14 | | 40,0G |

### 24467 P. — 34666 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | III. | 18h34m | 65°24' |
| 73 | 7-15 | 56s,54G | 37",4G |
| | 7-21 | 56,52G | |

### 24468 P. — 34619 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | II. | 18h34m | 110°26' |
| 55 | 7-7 | 6s,70G | |
| | III. | 18h35m | 110°25' |
| 79 | 6-25 | 0s,01J | 41",7J |
| | 7-28 | 0,01J | 44,6J |
| | 8-12 | 0,15J | 44,4J |

### 24469 P. — 34638-39 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | II. | 18h34m | 93°14' |
| 55 | 9-10 | | 51",0G |
| | III. | 18h35m | 93°14' |
| 69 | 8-6 | 0s,56M | 4",4M |
| 75 | 7-12 | 0,68G | 2,7G |
| 76 | 7-26 | 0,39G | 3,0G |
| | 7-27 | 0,67G | 2,6G |

### 24470 P. — 34656 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | III. | 18h35m | 77°53' |
| 71 | 8-1 | 0s,70M | 22",5M |
| | 8-1 | 0,69G | |
| | 9-5 | 0,79G | |

### 24471 P. — 34629 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | II. | 18h34m | 105°59' |
| 54 | 9-6 | 13s,58G | |
| 58 | 9-9 | 13,78G | 6",8G |
| 67 | 7-30 | 13,96M | 7,2M |
| | III. | 18h35m | 105°58' |
| 70 | 7-16 | 5s,51M | 21",7M |
| 78 | 8-16 | 5,40M | 21,9M |

### 24472 P. — 34653 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | II. | 18h34m | 85°34' |
| 57 | 5-19 | 23s,91G | |
| | 5-27 | | 6",3G |
| 59 | 7-2 | 24,22G | |
| | 7-3 | 23,97G | |
| | III. | 18h35m | 85°33' |
| 72 | 7-16 | 8s,71G | |
| 76 | 7-19 | 8,72M | 21",5M |
| | 8-4 | 8,69M | 21,3M |

### 24473 P. — 848 W1.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | III. | 18h35m | 77°5' |
| 71 | 7-17[1] | 11s,15G | 46",4G |

[1] P diminuée de 4",4. (Voir 23527 P.)

### 24474 P. — 34688 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | III. | 18h35m | 52°35' |
| 68 | 8-7 | 14s,85G | |
| 76 | 8-7 | 15,01M | 43",8M |

### 24475 P. — 34680 et 82 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | III. | 18h35m | 59°15' |
| 81 | 7-5 | 16s,01J | 54",5J |
| | 7-17 | 16,24J | 54,3J |
| | 7-19 | 16,08J | 55,4J |
| | 7-21 | 16,14J | 55,6J |
| | 7-30 | 15,91J | 55,0J |
| | 8-2 | 16,38J | 55,2J |
| | 8-14 | 15,90J | 55,3J |

### 24476 P. — 34635 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | II. | 18h34m | 106°2' |
| 54 | 9-20 | 25s,33G | |
| | III. | 18h35m | 106°1' |
| 78 | 9-3 | 17s,02M | 22",2M |
| 79 | 7-15 | 17,15M | 21,5M |

### 24477 P. — 34675 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | II. | 18h34m | 63°59' |
| 57 | 7-25 | | 46",4G |
| | III. | 18h35m | 63°59' |
| 70 | 7-12 | 18s,14G | 1",4G |
| | 8-1 | 18,14G | 0,6G |
| 73 | 8-4 | 18,09G | |

### 24478 P. — 34665 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | III. | 18h35m | 77°54' |
| 71 | 8-7 | 19s,09G | 19",7G |
| | 8-9 | 19,05M | 22,3M |
| | 8-9 | 19,01G | 20,1G |
| | 9-2 | 18,97G | |

### 24479 P. — 34627 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | II. | 18h34m | 114°5' |
| 57 | 8-12 | 25s,09G | 57",8G |
| | III. | 18h35m | 114°5' |
| 79 | 7-9 | 19s,97J | 9",3J |

### 24480 P. — 18483 à 85 A.O.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | III. | 18h35m | 41°1' |
| 76 | 8-5 | 24s,48M | 0",1M |

### 24481 P. — 34647-48 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | I. | 18h33m | 99°11' |
| 37 | 6-17 | 47s,42G | |
| 46 | 7-22 | 47,33G | |
| 47 | 8-30 | 47,24G | |
| 52 | 7-22 | 47,05G | |
| | II. | 18h34m | 99°10' |
| 57 | 7-11 | 36s,45G | 57",4G |
| | 7-31 | 36,44G | 58,9G |
| | 8-10 | | 58,1G |
| | 8-11 | | 58,5G |
| 61 | 8-4 | 36,55G | |
| | III. | 18h35m | 99°10' |
| 74 | 7-8 | 25s,73G | 9",9G |
| | 7-13 | 25,72G | |
| | 7-14 | 25,63G | 11,3G |

### 24482 P. — 34698 et 700 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | I. | 18h34m | 52°8' |
| 41 | 7-5[1] | | 53",5F |
| 43 | 7-18 | 25s,44G | |
| | II. | 18h34m | 52°8' |
| 67 | 8-13 | 56s,04G | 6",5G |
| | III. | 18h35m | 52°7' |
| 79 | 7-4 | 26s,39G | 19",1G |

[1] Erreur de 10m dans l'asc. dr. approchée inscrite.

### 24483 P. — 34644 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | II. | 18h34m | 105°39' |
| 54 | 9-2 | 37s,77G | |
| 60 | 8-12 | 37,98G | |
| | III. | 18h35m | 105°38' |
| 78 | 8-16 | | 19",5G |
| 79 | 7-29 | 29s,61J | 19,6J |
| | 8-2 | 29,60J | |
| | 8-11 | 29,62J | 19,3J |

### 24484 P. — 34710-11 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | I. | 18h34m | 49°12' |
| 40 | 8-17 | 33s,36G | |
| | II. | 18h35m | 49°11' |
| 62 | 7-25 | 2s,32G | |
| | 7-26 | 2,40G | |
| | 7-27 | 2,23G | |
| | 8-31 | 2,41G | |
| | 8-1 | 2,41G | |

Dates 1800+ — Positions moyennes pour les époques du Catal.

### 24484 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h 35m | 49° 10′ |
| 68 | 7-30 | 31s,49 M | 41″,0 M |
| 75 | 8-10 | 31,35 G | 42,3 G |

### 24485 P. — 34650 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 34m | 101° 14′ |
| 55 | 6-30 | 42s,02 G | |
| 57 | 9- 5 | | 30″,2 G |
| | | III. | |
| | | 18h 35m | 101° 13′ |
| 79 | 8- 2 | 31s,97 M | 42″,8 M |

### 24486 P. — 850 $W_1$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 34m | 91° 26′ |
| 60 | 8- 6 | 52s,04 G | |

### 24487 P. — 34674 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 34m | 77° 53′ |
| 57 | 5- 7 | 57s,78 G | |
| | 7-15 | | 33″,6 G |
| 58 | 7-26 | 57,82 G | |
| 60 | 7-25 | 58,15 G | |
| 67 | 8- 7 | 57,79 M | 35,0 M |

### 24488 P. — 34661 et 63 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 34m | 91° 7′ |
| 58 | 7-30 | 54s,61 G | 0″,2 G |
| | | III. | |
| | | 18h 35m | 91° 6′ |
| 76 | 8- 2 | 40s,83 G | 15″,4 G |
| | 8- 3 | 40,78 G | 14,8 G |
| | 8- 4 | 40,98 G | 16,2 G |

### 24489 P. — 34676 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 35m | 77° 9′ |
| 58 | 8- 3 | 2s,45 G | 14″,1 G |

### 24490 P. — 34706-07 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 35m | 56° 26′ |
| 66 | 7- 9 | 13s,21 G | |
| | 7-25 | 13,23 G | 27″,4 G |
| 67 | 8-10 | 13,23 G | 27,5 G |
| | | III. | |
| | | 18h 35m | 56° 25′ |
| 69 | 7-19 | 46s,02 M | 40″,8 M |

### 24491 P. — 34994 et 97 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h 37m | 12° 34′ |
| 53 | 7-10 | 12s,86 G | |
| | 7-20 | 12,37 G | |
| | 7-21 | 12,14 G | |
| | 7-31 | 12,27 G | |
| | 8-10 | 12,47 G | |
| | | II. | |
| | | 18h 36m | 12° 33′ |
| 54 | 1-20 I | 29s,06 G | |
| 64 | 7- 8 | | 53″,5 G |
| | 7-13 | | 52,7 G |
| | 7-15 | | 55,1 G |
| | 7-18 | | 53,3 G |
| | 7-27 | | 55,0 G |
| | | III. | |
| | | 13h 35m | 12° 33′ |
| 81 | 8- 9 | | 8″,9 G |

### 24492 P. — 34705 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 35m | 58° 29′ |
| 66 | 7-21 [1] | 12s,96 G | 4″,4 G |
| | | III. | |
| | | 18h 35m | 58° 28′ |
| 69 | 7-21 | 46s,93 M | 19″,0 M |
| 79 | 7-29 | 46,91 G | 18,1 G |
| | 8-12 | 46,97 G | 18,4 G |

[1] 𝒫 augm. de 1′ : erreur de transcript.

### 24493 P. — 34664 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 35m | 97° 12′ |
| 58 | 9- 8 | 2s,86 G | 17″,6 G |
| | | III. | |
| | | 18h 35m | 97° 11′ |
| 74 | 7-18 | 51s,28 G | 30″,8 G |
| | 7-20 | 51,21 G | 31,3 G |
| | 7-21 | 51,40 G | 31,3 G |

### 24494 P. — 34694 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 35m | 65° 18′ |
| 57 | 8-24 | 14s,38 G | |
| | | III. | |
| | | 18h 35m | 65° 17′ |
| 70 | 7- 5 | 51s,47 G | 28″,7 G |
| | 7-15 | 51,28 G | 28,7 G |
| 73 | 7-17 | 51,32 G | 29,0 G |

### 24495 P. — 34673 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 35m | 86° 5′ |
| 56 | 7- 3 | 8s,79 G | |
| 57 | 6- 4 | 8,53 G | |
| 58 | 9-13 | | 44″,6 G |
| | | III. | |
| | | 18h 35m | 86° 4′ |
| 71 | 8-11 | 53s,52 M | 58″,7 M |

### 24496 P. — 863 $W_1$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18m 35m | 84° 10′ |
| 70 | 6-29 | 55s,06 M | 16″,5 M |

### 24497 P. — 1054 $W_2$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 35m | 62° 14′ |
| 58 | 7-16 [1] | 21s,29 G | |

[1] 𝒜 diminuée de 0s,11 : erreur de réduct.

### 24498 P. — 34721-22 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h 34m | 51° 46′ |
| 40 | 8-20 | | 26″,3 F |
| | | II. | |
| | | 18h 35m | 51° 45′ |
| 58 | 10- 4 | 27s,21 G | |
| 63 | 6-17 | 27,72 G | |
| | 6-21 | 27,51 M | |
| | 7-11 [1] | 27,61 G | |
| | 7-13 | 27,41 G | |
| | 7-15 [1] | 27,46 G | |
| | 7-17 | 27,53 G | |
| | 7-24 | 27,47 G | |
| | 7-30 | 27,43 G | |
| | 7-31 | 27,61 G | |
| | 8- 1 | 27,57 G | |
| | 8- 6 | 27,47 G | |
| | 8- 8 | 27,48 G | |
| | 8- 9 | 27,55 G | |
| | 8-10 | 27,39 G | |
| | 8-17 | 27,21 G | |
| | 8-24 | 27,47 G | |
| 64 | 6-13 | 27,35 G | |
| | 6-22 | 27,39 G | |
| | 7- 1 | 27,35 G | |
| | 7- 6 | 27,30 G | |
| | 7-11 | 27,26 G | |
| | 7-29 | 27,48 G | |
| | 7-30 | 27,51 G | |
| | 8- 3 | 27,49 G | |
| | 8- 6 | 27,44 G | |
| | 8- 7 | 27,50 G | |
| | 8- 8 | 27,46 G | |
| | 8-10 | 27,37 G | |
| | 8-11 | 27,52 G | |
| | 8-16 | 27,44 G | |
| | 8-24 | 27,47 G | |
| | 8-28 | 27,46 G | |
| | 8-29 | 27,55 G | |
| 66 | 7-20 | 27,37 G | 39″,2 G |
| | | III. | |
| | | 18h 35m | 51° 44′ |
| 68 | 7-30 | 57s,79 G | 53″,1 G |
| 72 | 7- 3 | 57,93 G | 54,0 G |
| | 7- 4 | 57,91 G | |
| | 7-19 | 58,07 G | |
| | 7-21 | 57,94 G | |
| | 7-22 | 57,98 G | |
| | 8-16 | 58,09 G | |
| | 8-28 | 57,86 G | |
| 74 | 8-20 | 57,88 M | 52,1 M |
| | 8-21 | 57,93 M | 52,9 M |

[1] 𝒜 augmentée de 1m.

### 24499 P. — 4013 $R_1$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h 35m | 34° 41′ |
| 46 | 7- 3 [1] | 24s,51 G | |

[1] 𝒜 augm. de 0s,40 : erreur de moy.

### 24500 P. — 34671 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 35m | 97° 5′ |
| 57 | 8-13 | 10s,97 G | 25″,7 G |
| | | III. | |
| | | 18h 35m | 97° 4′ |
| 68 | 9- 7 | 59s,79 M | 40″,7 M |
| | 9- 9 | 59,30 M | 39,3 M |
| 74 | 8-21 | 59,38 G | 39,7 G |
| | 8-22 | 59,48 G | 39,9 G |
| | 8-26 | 59,59 G | |

### 24501 P. — 34762 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h 36m | 37° 46′ |
| 81 | 7- 2 | 0s,00 G | 9″,2 G |
| | 7- 7 | 0,10 G | 7,3 G |
| | 8- 6 | 0,12 G | 8,4 G |

### 24502 P. — 34684 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 35m | 77° 52′ |
| 58 | 6- 3 | 19s,04 G | |
| | 7-26 | 19,01 G | |
| 60 | 7-25 | 19,25 G | 29″,8 G |
| | 8-16 | 19,06 G | 31,9 F |
| | | III. | |
| | | 18h 36m | 77° 51′ |
| 71 | 8-10 | 0s,96 G | |

### 24503 P. — 34672 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 35m | 91° 26′ |
| 56 | 7-31 | 15s,17 G | |
| 60 | 8- 4 | 15,12 G | |
| | 8- 6 | 15,20 G | 16″,1 G |
| | 9-12 | 15,11 G | 16,8 G |
| | | III. | |
| | | 18h 36m | 91° 25′ |
| 69 | 8- 4 | 1s,55 M | 28″,0 M |
| 76 | 8- 7 | 1,60 G | 28,3 G |
| | 8- 8 | 1,67 G | 27,9 G |
| | 8- 9 | 1,78 G | 29,1 G |
| 77 | 7-11 | 1,63 G | |

Dates 1800+ | Positions moyennes pour les époques du Catal.

**24504 P. — 2348 Br.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h 35m | 34° 53′ |
| 46 | 7- 3[1] | | 46",3 G |
| | 8-21 | 29s,30 G | |
| 47 | 6-28[2] | 29,30 G | |
| 50 | 7-29 | 29,49 G | |

[1] Observation de distance polaire faite sans indication de la position de l'observateur. On n'a pas tenu compte de la valeur de l'équation personnelle dans la réduction de l'observation.

[2] 𝒜 augmentée de 1m : erreur de transcr.

**24505 P. — 34658-59 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h 34m | 111° 3′ |
| 39 | 9- 9 | 17s,94 G | |
| | | II. | |
| | | 18h 35m | 111° 3′ |
| 55 | 7-20 | 11s,60 G | 9",5 G |
| | | III. | |
| | | 18h 36m | 111° 2′ |
| 79 | 8-10 | 5s,24 J | 22",1 J |

**24506 P. — 34712 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h 36m | 63° 44′ |
| 70 | 8- 6 | 9s,13 G | 3",0 G |
| 73 | 7-18 | 9,07 G | 2,9 G |
| | 7-25 | 8,96 G | |

**24507 P. — 34668 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 35m | 106° 55′ |
| 54 | 9- 4 | 20s,09 G | |
| 59 | 7-11[1] | 20,20 G | 4",7 G |
| | | III. | |
| | | 18h 36m | 106° 54′ |
| 79 | 8-11 | 12s,57 M | 19",1 M |

[1] 𝒜 diminuée de 1m.

**24508 P. — 865 W₁.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 35m | 94° 56′ |
| 60 | 7- 6 | 25s,20 G | |
| | 7- 7 | 24,89 G | |

**24509 P. — 34748 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h 35m | 47° 3′ |
| 40 | 8-15 | 20s,02 G | |
| | 8-16 | 20,17 G | |
| | | III. | |
| | | 18h 36m | 47° 1′ |
| 80 | 7-29[1] | 15s,19 G | |
| | 8-10 | 15,42 G | |
| 81 | 7-19 | 15,06 G | 52",6 G |

[1] 𝒜 augmentée de 0s,30 : err. de réduct.

**24510 P. — 878 W₁.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 35m | 78° 8′ |
| 59 | 7-10 | | 46",4 G |

**24511 P. — 34719 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 35m | 62° 12′ |
| 58 | 7-16 | 46s,53 G | |
| | | III. | |
| | | 18h 36m | 62° 11′ |
| 70 | 7-16 | 22s,21 G | 30",7 G |
| | 7-29 | 22,08 G | 31,5 G |
| 74 | 7-20 | 22,28 M | 31,0 M |
| | 8-19 | 22,01 M | 30,4 M |

**24512 P. — 34696 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h 36m | 80° 3′ |
| 71 | 8- 5 | 22s,15 M | 19",7 M |
| 74 | 7-29 | 22,26 M | 19,1 M |
| | 7-30 | 22,22 M | |
| | 7-31 | 22,21 M | 19,8 M |

**24513 P. — 34678 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 35m | 97° 6′ |
| 57 | 7-13 | 36s,64 G | |
| | 8-13 | 36,78 G | |

**24514 P. — 34756 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h 35m | 47° 0′ |
| 40 | 8-15 | 34s,99 G | |
| | 8-16 | 35,04 G | |
| | | III. | |
| | | 18h 36m | 46° 59′ |
| 80 | 8- 9 | 30s,43 G | |
| | 8-10 | 30,25 G | 20",2 G |
| 81 | 7- 4 | 30,60 G | |
| | 7- 6 | 30,47 G | 24,1 G |

**24515 P. — 3547 A — 1°.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 35m | 91° 34′ |
| 62 | 6-23 | | 12",8 G |

**24516 P. — 34679 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 35m | 101° 28′ |
| 54 | 8-30 | 44s,05 G | |
| 57 | 8-29 | | 16",2 G |
| 59 | 6-24 | 44,20 G | 13,7 G |
| 67 | 7-19 | 44,15 M | 14,3 M |

**24516 L. (suite).**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h 36m | 101° 27′ |
| 70 | 7-12 | | 26",6 M |
| 78 | 8- 7 | 34s,23 G | 29,2 G |

**24517 P. — 17174 Mn₁.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 35m | 99° 10′ |
| 61 | 8- 4 | 47s,29 G | |

**24518 P. — 5047 Sf. — 18°.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h 34m | 108° 29′ |
| 49 | 8-15 | 51s,42 G | |

**24519 P. — 34677 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 35m | 107° 4′ |
| 54 | 8-31 | 44s,89 G | |
| 60 | 6-29 | 44,81 G | |
| 62 | 6-26 | 45,13 G | 27",1 G |
| | | III. | |
| | | 18h 36m | 107° 3′ |
| 70 | 7-14 | 37s,16 M | 43",0 M |
| | 7-15 | 36,99 M | |

**24520 P. — 34704 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 35m | 84° 26′ |
| 57 | 7-18[1] | 54s,09 G | 36",6 G |
| | 7-19 | 54,03 G | 34,7 G |
| | 7-21 | 54,08 G | 35,3 G |
| | 7-28 | 54,22 G | 34,1 G |
| | 8- 7 | 54,18 G | 36,6 G |
| | 8-20 | 54,06 G | 36,1 G |
| | 8-21 | 54,00 G | 36,3 G |
| 58 | 7- 3 | 54,21 G | 35,9 G |
| 59 | 7-21[2] | 54,12 G | 40,5 G |

[1] 𝒜 diminuée de 0s,60 : err. de 1s sur trois fils.

[2] 𝒫 non comprise dans la moyenne.

**24521 P. — 34683 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 35m | 101° 37′ |
| 54 | 9-18 | 50s,73 G | |
| 62 | 6-23 | 50,95 G | |
| | | III. | |
| | | 18h 36m | 101° 36′ |
| 68 | 7-17 | 40s,96 M | 58",6 M |
| 75 | 7-23 | 41,32 G | 59,2 G |

**24522 P. — 34687 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h 35m | 98° 25′ |
| 37 | 6-17 | 4s,91 G | |
| | 7- 5 | 4,65 G | |
| 38 | 8-16 | 4,62 G | |
| | 9-11 | 4,74 G | |
| 40 | 7-21 | 4,82 G | |
| | 7-22 | 4,71 G | |
| 41 | 8-20 | 4,64 G | |
| 46 | 7-23 | 4,70 G | |
| | 7-28 | 4,79 G | |
| | 8-18 | 4,71 G | |
| | 8-24 | 4,71 G | |
| | 8-29 | 4,68 G | |
| | 9- 3 | 4,72 G | |
| 48 | 7-12 | 4,53 G | |
| 52 | 8-18 | 4,90 G | |
| 53 | 6-27 | 4,76 G | |
| | 6-28 | 4,68 G | |
| | | II. | |
| | | 18h 35m | 98° 24′ |
| 55 | 8-13 | 53s,72 G | |
| 57 | 6-14 | 53,88 G | 34",0 G |
| | | III. | |
| | | 18h 36m | 98° 23′ |
| 74 | 7-15 | 42s,70 G | 46",5 G |
| | 9- 1 | 42,61 G | 47,1 G |

**24523 P. — 34695 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 35m | 93° 19′ |
| 59 | 8- 6 | 57s,18 G | 23",4 G |
| | | III. | |
| | | 18h 36m | 93° 18′ |
| 76 | 8-10 | 44s,57 G | 34",9 G |
| | 8-12 | 44,39 G | 36,1 G |
| 77 | 8- 2 | 44,45 G | |

**24524 P. — 893 W₁.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 36m | 84° 23′ |
| 57 | 7-21 | 1s,05 G | |
| | 7-28 | 1,38 G | |
| | 8- 7 | 1,23 G | |
| | 8-20 | 1,25 G | |
| | 8-21 | 1,34 G | |
| 58 | 7- 3 | 1,07 G | |
| | 9 15 | 1,53 G | |

**24525 P. — 34689 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 35m | 98° 30′ |
| 57 | 6-14 | 56s,52 G | |
| | 7-10 | | 5",9 G |
| | 8-27 | | 8,0 G |
| | 8-28 | | 8,7 G |
| | | III. | |
| | | 18h 36m | 98° 29′ |
| 79 | 7-17 | 45s,72 J | 21",0 J |

Dates 1800+ — Positions moyennes pour les époques du Catal.

**24526 P. — 34699 L.**

| A. M. J. | α | δ |
|---|---|---|
| III. | $18^h 36^m$ | 91°4' |
| 69 7-30 | $46^s,17$ M | $21'',1$ M |
| 75 8- 9 | 46,10 G | 20,7 G |
| 8-11 | 46,18 G | 20,6 G |
| 78 7-13 | 46,04 M | 21,0 M |
| 7-18 | 46,14 G | 20,7 G |

**24527 P. — 18604 A.O.**

| A. M. J. | α | δ |
|---|---|---|
| II. | $18^h 35^m$ | 109°27' |
| 57 8-30 | $53^s,95$ G | |

**24528 P. — 34701 L.**

| A. M. J. | α | δ |
|---|---|---|
| II. | $18^h 36^m$ | 91°46' |
| 56 8- 2 | | $46'',0$ G |
| 59 6- 3 | $2^s,23$ G | |
| III. | $18^h 36^m$ | 91°45' |
| 78 7-29[1] | $49^s,06$ G | $58'',5$ G |
| 7-30 | 48,90 G | 60,2 G |
| 7-31 | 48,93 G | 59,4 G |

δ augmentée de 5'.

**24529 P. — 34736 et 39 L.**

| A. M. J. | α | δ |
|---|---|---|
| II. | $18^h 36^m$ | 65°6' |
| 58 7-14 | $15^s,54$ G | $4'',4$ G |
| 7-15 | 15,73 G | 2,1 G |
| 8- 7 | 15,66 G | |
| 8-28 | | 2,4 G |
| III. | $18^h 36^m$ | 65°5' |
| 70 7-22 | $52^s,57$ G | $15'',0$ G |
| 73 7-15 | 52,63 G | 13,1 G |
| 7-21 | 52,47 G | |

**24530 P. — 34774 L.**

| A. M. J. | α | δ |
|---|---|---|
| III. | $18^h 36^m$ | 47°9' |
| 80 8- 5 | $53^s,01$ G | $17'',4$ G |
| 81 7-17 | 52,79 G | 19,0 G |

**24531 P. — 34725 L.**

| A. M. J. | α | δ |
|---|---|---|
| II. | $18^h 36^m$ | 74°56' |
| 56 7-24 | $16^s,64$ G | $0'',1$ G |
| 8-14 | 16,53 G | |
| 58 9-25 | | 2,4 G |

**24532 P. — 34754 L.**

| A. M. J. | α | δ |
|---|---|---|
| II. | $18^h 36^m$ | 58°30' |
| 67 7-30 | $24^s,35$ G | $52'',6$ G |
| III. | $18^h 36^m$ | 58°30' |
| 75 8- 9 | $58^s,03$ M | $4'',2$ M |

**24533 P. — 4563 Sf. — 4°.**

| A. M. J. | α | δ |
|---|---|---|
| II. | $18^h 36^m$ | 94°50' |
| 60 7- 5 | $11^s,53$ G | |

**24534 P. — 3839 A + 9°.**

| A. M. J. | α | δ |
|---|---|---|
| II. | $18^h 36^m$ | 80°11' |
| 59 8-23 | $17^s,56$ G | |

**24535 P. — 17203 $Mn_1$.**

| A. M. J. | α | δ |
|---|---|---|
| I. | $18^h 35^m$ | 99°4' |
| 52 7-22[1] | $22^s,11$ G | |
| 7-23 | 22,21 G | |
| II. | $18^h 36^m$ | 99°3' |
| 61 8- 4 | $11^s,39$ G | |

[1] La décl. approchée donnée dans le t. X est erronée : le cahier porte $h = 32°10'$.

**24536 P. — 34808 L.**

| A. M. J. | α | δ |
|---|---|---|
| III. | $18^h 37^m$ | 37°55' |
| 81 7-27 | $0^s,28$ G | $14'',9$ G |

**24537 P. — 34743 L.**

| A. M. J. | α | δ |
|---|---|---|
| II. | $18^h 36^m$ | 66°15' |
| 58 7-17 | $23^s,32$ G | |
| III. | $18^h 37^m$ | 66°14' |
| 70 7-25 | $0^s,65$ G | |
| 75 7-19 | 0,75 M | $56'',2$ M |
| 76 7-26 | 0,79 M | 55,8 M |
| 7-27 | 0,69 M | 55,1 M |

**24538 P. — 34720 L.**

| A. M. J. | α | δ |
|---|---|---|
| II. | $18^h 36^m$ | 82°51' |
| 57 7-27 | $19^s,09$ G | $35'',3$ G |
| 58 7-13 | 18,94 G | |
| 59 8-25 | 19,14 G | |
| III. | $18^h 37^m$ | 82°50' |
| 71 8- 7 | $2^s,74$ M | $49'',6$ M |

**24539 P. — 34780-81 L.**

| A. M. J. | α | δ |
|---|---|---|
| III. | $18^h 37^m$ | 48°12' |
| 80 8-30 | $2^s,80$ G | $3'',9$ G |
| 81 7-18 | 2,97 G | |
| 7-21 | 2,81 G | 5,5 G |
| 7-26 | 3,05 G | 3,3 G |

**24540 P. — 34730 L.**

| A. M. J. | α | δ |
|---|---|---|
| II. | $18^h 36^m$ | 75°17' |
| 58 7-25 | $22^s,92$ G | $31'',2$ G |
| 61 7-18 | 22,97 G | |
| III. | $18^h 37^m$ | 75°16' |
| 79 6-24 | $4^s,14$ G | |
| 6-26 | 4,11 G | |
| 80 7-27 | 3,91 G | $40'',0$ G |

**24541 P. — 34703 L.**

| A. M. J. | α | δ |
|---|---|---|
| II. | $18^h 36^m$ | 100°17' |
| 54 9- 5 | $15^s,67$ G | |
| 55 7-19 | 15,84 G | |
| 8-11 | 15,78 G | |
| 58 6-12 | | $37'',2$ G |
| III. | $18^h 37^m$ | 100°16' |
| 79 8-12 | $5^s,45$ M | $53'',3$ M |

**24542 P. — 34709 L.**

| A. M. J. | α | δ |
|---|---|---|
| II. | $18^h 36^m$ | 96°57' |
| 57 8- 2 | $18^s,45$ G | $4'',8$ G |
| 8- 9 | 18,36 G | |
| 8-25 | 18,37 G | 6,9 G |
| 58 5-26 | 18,45 G | |
| 65 7-28 | 18,47 M | 7,2 M |
| III. | $18^h 37^m$ | 96°56' |
| 76 7-15 | $6^s,92$ M | $20'',2$ M |

**24543 P. — 34765-66 L.**

| A. M. J. | α | δ |
|---|---|---|
| II. | $18^h 36^m$ | 56°2' |
| 67 8-12 | $34^s,58$ G | $0'',6$ G |
| III. | $18^h 37^m$ | 56°1' |
| 68 7-31 | $7^s,12$ G | $12'',7$ G |
| 8- 1 | 7,12 G | |
| 8-13 | | 12,6 G |
| 75 7-15 | 7,25 M | 12,0 M |
| 76 8-10 | 7,13 M | 11,7 M |
| 8-12 | 7,17 M | 11,7 M |

**24544 P. — 34715 L.**

| A. M. J. | α | δ |
|---|---|---|
| II. | $18^h 36^m$ | 91°41' |
| 59 6- 3 | $21^s,85$ G | |
| 64 7-28 | 21,89 M | $39'',5$ M |
| 7-29 | 21,91 M | 39,5 M |
| III. | $18^h 37^m$ | 91°40' |
| 69 7-26 | $8^s,47$ M | $51'',1$ M |
| 78 7-27 | 8,45 G | 51,7 G |

**24545 P. — 34685-86 L.**

| A. M. J. | α | δ |
|---|---|---|
| I. | $18^h 35^m$ | 115°9' |
| 39 9- 9 | $17^s,90$ G | |
| 40 8- 2 | 17,79 G | |
| II. | $18^h 36^m$ | 115°8' |
| 55 7-12 | $13^s,03$ G | |
| 58 8- 4 | 13,01 G | $50'',4$ G |
| 59 6-17 | | 47,6 G |

**24546 P. — 34731 L.**

| A. M. J. | α | δ |
|---|---|---|
| II. | $18^h 36^m$ | 76°34' |
| 58 8- 3 | | $1'',7$ G |
| III. | $18^h 37^m$ | 76°33' |
| 71 7-16 | $9^s,23$ G | |
| 8-27 | 9,39 G | $13'',7$ G |
| 8-28 | 9,41 G | 13,3 G |

**24547 P. — 34690-91 L.**

| A. M. J. | α | δ |
|---|---|---|
| II. | $18^h 36^m$ | 111°6' |
| 57 6-29 | $17^s,07$ G | $32'',5$ G |
| 59 6-10 | 16,99 G | |
| III. | $18^h 37^m$ | 111°5' |
| 79 7-15 | $10^s,78$ J | $42'',8$ J |

**24548 P. — 34723 L.**

| A. M. J. | α | δ |
|---|---|---|
| II. | $18^h 36^m$ | 86°20' |
| 57 8-22 | | $52'',7$ G |
| 59 7- 2 | $28^s,22$ G | |
| 60 8- 9 | 28,43 G | 53,2 G |

**24549 P. — 3627 A + 12°.**

| A. M. J. | α | δ |
|---|---|---|
| II. | $18^h 36^m$ | 77°14' |
| 58 8- 3 | $36^s,54$ G | |

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|

**24550 P. — 14682 T — 23°.**

| | III. | |
|---|---|---|
| | 18h37m | 113°39' |
| 70 7-18 | 21s,23 M | 38",7 M |

**24551 P. — 34737 L.**

| | II. | |
|---|---|---|
| | 18h36m | 80°9' |
| 58 7-1 | | 30",9 G |
| 7-2 | 38s,52 G | 30,3 G |
| 59 8-23 | 38,99 G | |

**24552 P. — 25605 Gould.**

| | III. | |
|---|---|---|
| | 18h37m | 113°45' |
| 80 7-8[1] | 24s,03 M | 43",6 M |
| 8-10[2] | 23,86 M | 43,6 M |

[1] 𝒜 augmentée de 1m : err. de transcr.
[2] 𝒟 diminuée de 5" : erreur de réduct.

**24553 P. — 1099 W$_2$.**

| | III. | |
|---|---|---|
| | 18h37m | 69°26' |
| 81 7-18 | 26s,16 J | 35",5 J |

**24554 P. — 34769-70 L.**

| | II. | |
|---|---|---|
| | 18h36m | 62°0' |
| 58 7-12 | | 30",7 G |
| 9-14 | 52s,10 G | |
| 59 6-13 | 52,08 G | 31,6 G |
| 61 7-15 | 52,15 G | |
| | III. | |
| | 18h37m | 61°59' |
| 73 8-4 | 27s,62 G | |
| 75 7-26 | 27,73 M | 44",5 M |
| 76 8-3 | 27,73 M | 43,5 M |
| 8-8 | 27,63 M | 43,0 M |

**24555 P. — 3843 A + 9°.**

| | II. | |
|---|---|---|
| | 18h36m | 80°46' |
| 63 7-29 | 49s,23 M | 37",4 M |
| | III. | |
| | 18h37m | 80°45' |
| 81 7-11 | 32s,09 M | 48",3 M |

**24556 P. — 34741 L.**

| | II. | |
|---|---|---|
| | 18h36m | 84°29' |
| 57 7-23 | 50s,02 G | |
| 59 7-5 | 50,07 G | 10",7 G |
| | III. | |
| | 18h37m | 84°28' |
| 71 8-8 | 34s,28 M | 22",2 M |

**24557 P. — 34760 L.**

| | III. | |
|---|---|---|
| | 18h37m | 72°2' |
| 71 9-5 | 34s,53 G | |
| 75 7-23 | 34,54 M | 37",5 M |
| 7-29 | 34,52 M | 37,6 M |

**24558 P. — 2745 A + 48°.**

| | II. | |
|---|---|---|
| | 18h37m | 41°51' |
| 62 6-25 | 11s,56 G | 30",3 G |
| 8-12[1] | 11,38 G | 25,3 G |
| 8-13 | 11,42 G | 25,5 G |

[1] 𝒜 augmentée de 0s,50 : erreur de moy.

**24559 P — 34797 L.**

| | III. | |
|---|---|---|
| | 18h37m | 53°22' |
| 81 7-19 | 36s,34 J | 50",0 J |
| 7-21 | 36,49 J | 50,9 J |
| 7-28[1] | 36,62 J | 50,1 J |
| 8-6 | 36,34 J | 50,4 J |

[1] 𝒜 diminuée de 1m : erreur de transcr.

**24560 P. — 34747 L.**

| | II. | |
|---|---|---|
| | 18h36m | 84°23' |
| 56 5-23 | | 55",9 G |
| 57 8-18 | 53s,45 G | |
| | III. | |
| | 18h37m | 84°23' |
| 72 7-16 | 37s,61 G | |
| 75 7-15 | 37,43 G | 5",9 G |
| 7-31 | 37,35 G | 7,0 G |

**24561 P. — 34788 et 90 L.**

| | III. | |
|---|---|---|
| | 18h37m | 55°22' |
| 81 6-14 | 37s,97 J | 28",0 J |
| 7-1 | 38,15 J | 26,4 J |
| 7-2 | | 26,0 J |
| 7-11 | 37,69 J | 25,1 J |

**24562 P. — 34805 L[1].**

| | I. | |
|---|---|---|
| | 18h36m | 49°25' |
| 40 8-8 | 39s,60 G | |
| | III. | |
| | 18h37m | 49°24' |
| 80 7-31 | 37s,76 G | 1",8 G |
| 81 9-17 | 37,91 G | |

[1] La dist. au zénith inscrite sur le Cahier-minute de Lal. est Z = 8° 17' 56", d'où l'on déduit 49° 27' 52",4 pour la dist. pol. en 1800. Dans l'*Histoire céleste*, on a imprimé Z = 8° 4' 20", qui, d'après le Cahier-minute se rapporte à une étoile ayant passé avant (34710-11 L.).

**24563 P. — 18618 A. O.**

| | III. | |
|---|---|---|
| | 18h37m | 106°12' |
| 81 8-6[1] | 38s,20 M | 21",0 M |

[1] 𝒟 diminuée de 5",9 : erreur de réduct.

**24564 P. — 34742 L.**

| | III. | |
|---|---|---|
| | 18h37m | 87°29' |
| 73 8-1 | 39s,36 M | 59",2 M |
| 74 7-8 | 39,16 M | 61,3 M |

**24565 P. — 34792-93 L.**

| | III. | |
|---|---|---|
| | 18h37m | 55°22' |
| 81 6-26 | 39s,80 J | 24",5 J |

**24566 P. — 34740 L.**

| | III. | |
|---|---|---|
| | 18h37m | 91°40' |
| 72 7-16 | 43s,93 M | 40",0 M |
| 75 7-12 | 43,88 G | 40,5 G |
| 8-16 | 43,85 G | 41,1 G |
| 76 8-3 | 43,96 G | 40,2 G |
| 8-11 | 43,89 G | 40,8 G |
| 77 7-26 | 43,68 G | |
| 7-30 | 43,97 G | |

**24567 P.**

| | III. | |
|---|---|---|
| | 18h37m | 106°6' |
| 70 6-25 | 43s,94 M | 12",4 M |

**24568 P. — 34807 L.**

| | II. | |
|---|---|---|
| | 18h37m | 78°8' |
| 59 7-10 | 2s,33 G | 2",0 G |

**24569 P. — 34726 L.**

| | II. | |
|---|---|---|
| | 18h36m | 100°34' |
| 55 7-17 | 55s,15 G | 56",8 G |
| | III. | |
| | 18h37m | 100°34' |
| 80 7-4 | 44s,82 M | 6",8 M |

**24570 P. — 34727 L.**

| | II. | |
|---|---|---|
| | 18h36m | 100°44' |
| 58 6-12 | | 57",8 F |
| 59 7-17 | | 56,9 G |
| 7-23[1] | | 56,1 G |

**24570 P. (suite).**

| | III. | |
|---|---|---|
| | 18h37m | 100°44' |
| 78 8-31 | 45s,88 M | 9",0 M |
| 9-2 | 46,14 M | |

[1] 𝒟 augmentée de 10" : erreur de moy.

**24571 P. — 34767 L.**

| | II. | |
|---|---|---|
| | 18h37m | 72°38' |
| 56 6-25[1] | | 43",8 G |
| | III. | |
| | 18h37m | 72°37' |
| 71 7-5 | 46s,01 G | 54",6 G |
| 7-20 | 46,10 M | 55,0 M |
| 7-20 | 46,02 G | 57,8 G |
| 8-1 | 46,06 M | |
| 8-1 | 46,11 G | |

[1] 𝒟 augmentée de 10'.

**24572 P. — 34775 L.**

| | I. | |
|---|---|---|
| | 18h36m | 68°35' |
| 40 7-14 | 30s,21 G | 29",6 F |
| | II. | |
| | 18h37m | 68°34' |
| 58 8-6 | 8s,40 G | |
| 8-28 | 8,54 G | |
| | III. | |
| | 18h37m | 68°33' |
| 70 7-12 | 46s,81 G | 51",3 G |
| 7-23 | 46,80 G | 51,3 G |
| 8-1 | 46,81 G | 51,4 G |

**24573 P. — 34772 L.**

| | II. | |
|---|---|---|
| | 18h37m | 70°40' |
| 58 9-11 | 8s,92 G | 12",4 G |
| | III. | |
| | 18h37m | 70°39' |
| 79 7-10 | 48s,26 G | 31",4 G |

**24574 P. — 34734 L.**

| | II. | |
|---|---|---|
| | 18h36m | 97°14' |
| 57 7-31 | | 55",6 G |
| 8-10 | 59s,76 G | 54,7 G |
| 8-11 | | 54,9 G |
| 58 7-30 | 59,96 G | 54,6 G |
| 59 7-12 | 59,92 G | 53,8 G |
| 60 6-23 | 59,86 G | 54,0 G |

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### 24574 P. (suite).

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 18h 37m | 97° 14′ |
| 74 | 7- 6 | 48s,48 G | 5″,6 G |
| | 7- 8 | 48,42 G | 3,5 G |
| | 7-13 | 48,47 G | 6,8 G |
| | 7-18[1] | 48,44 G | |
| | 7-21 | 48,33 G | 6,5 G |
| | 8-21 | 48,36 G | 6,2 G |

[1] 𝒜 augmentée de 0s,50 : erreur de 1s sur deux fils.

### 24575 P. — 34801 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 18h 37m | 55° 33′ |
| 81 | 7- 6 | 49s,75 J | 51″,3 J |
| | 7-13 | 49,62 J | 50,2 J |

### 24576 P. — 34713-14 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 18h 35m | 117° 8′ |
| 37 | 6-19 | 58s,08 G | 37″,5 F |
| | 6-21 | 57,99 G | |
| | 6-24 | | 35,6 F |
| | 8-22[1] | 58,14 G | 37,7 F |
| | 9- 9[1] | | 36,8 F |
| 38 | 8-30 | 58,14 G | |
| | 8-31 | 58,15 G | 36,3 F |
| 39 | 6-26 | 58,25 G | |
| | 9-18 | 58,12 G | |
| 40 | 9-10 | | 37,5 F |
| 41 | 6-30 | 58,13 G | |
| | 7- 3 | 58,29 G | |
| | 8-13 | | 36,9 F |
| 46 | 7-17 | 58,26 G | |
| | 7-30 | 58,27 G | |
| | 9-29 | 58,28 G | |
| 47 | 5-31 | 58,27 G | |
| | 8-21 | | 38,6 G |
| 49 | 6-20 | | 37,6 G |
| | 6-27 | 58,30 G | |
| 50 | 5-28 | 58,49 G | 39,8 G |
| 52 | 6- 4 | 58,12 G | |
| 53 | 6-21 | | 39,1 G |
| | | II. | |
| | | 18h 36m | 117° 7′ |
| 54 | 8-20 | 54s,31 G | |
| 56 | 7-15 | 54,47 G | 50″,6 G |
| | 7-16 | 54,50 G | 50,0 G |
| | 8-13 | 54,32 G | |
| 58 | 5-29 | 54,63 G | 50,6 G |
| | 8-19 | 54,41 G | 49,2 G |
| 59 | 8-10 | 54,73 G | |
| | 9- 5 | | 49,1 G |
| 60 | 7-30 | 54,48 G | 51,2 G |
| | 8-26 | | 51,1 G |
| 61 | 7-19 | 54,55 G | 48,0 G |
| | | III. | |
| | | 18h 37m | 117° 6′ |
| 71 | 8-26 | 50s,75 M | 59″,8 M |
| | 8-26 | 50,83 G | 60,3 G |
| 74 | 7-27 | 50,74 M | 62,4 M |
| | 7-27 | 51,12 G | |
| 75 | 6-19 | 50,71 M | 63,0 M |
| 76 | 7- 5 | 50,73 M | 59,4 M |
| | 7- 5 | 50,80 G | 60,7 G |
| | 8- 1 | 50,54 M | 60,8 M |

### 24576 P. (suite).

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 18h 37m | 117° 6′ |
| 76 | 8- 1 | 50s,75 G | 60″,4 G |
| | 8- 2 | 50,63 M | 60,0 M |
| | 8-29 | 50,90 M | 62,7 M |
| | 8-29 | 50,85 G | |
| | 9-25 | 50,75 M | 61,2 M |
| | 9-25 | 50,77 G | 61,2 G |
| 78 | 8- 9 | 50,91 G | 62,1 G |

[1] 𝒟 diminuée de 5′.

### 24577 P. — 34778 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 18h 37m | 68° 47′ |
| 73 | 7-17 | 50s,94 G | 1″,3 G |
| 79 | 8-11 | 50,89 G | 1,1 G |

### 24578 P. — 34697 et 717 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18h 36m | 111° 8′ |
| 55 | 6-12 | 57s,27 G | |
| 59 | 6-10 | 57,23 G | |
| | | III. | |
| | | 18h 37m | 111° 7′ |
| 79 | 7- 9 | 50s,91 J | 33″,5 J |
| | 7-20 | 51,11 J | 33,8 J |

### 24579 P. — 34759 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18h 37m | 81° 30′ |
| 63 | 7-24 | 8s,58 M | 39″,6 M |

### 24580 P. — 34794-95 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18h 37m | 61° 49′ |
| 61 | 7- 9 | | 56″,0 G |
| | | III. | |
| | | 18h 37m | 61° 49′ |
| 71 | 8-12 | | 7″,5 G |
| 75 | 7-19 | 56s,34 G | 7,4 G |

### 24581 P. — 34752 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18h 37m | 93° 17′ |
| 59 | 8- 6 | 10s,33 G | 29″,2 G |
| | | III. | |
| | | 18h 37m | 93° 16′ |
| 80 | 7-15 | 57s,42 M | 40″,3 M |

### 24582 P. — 34809-10 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 18h 37m | 53° 34′ |
| 68 | 8- 4 | 57s,69 G | 10″,1 G |
| | 8- 7 | 57,50 G | |
| 69 | 7-22 | 57,51 M | 9,6 M |
| 75 | 7-24 | 57,63 M | 9,2 M |
| 76 | 8- 4 | 57,57 M | 9,4 M |
| | 8- 5 | 57,41 G | 8,5 G |
| | 8- 7 | 57,63 M | 9,3 M |

### 24583 P. — 6920 Sj.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 18h 36m | 98° 17′ |
| 48 | 7-12 | 19s,88 G | |
| | 7-14 | | 13″,0 F |

### 24584 P. — 34758 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 18h 37m | 85° 7′ |
| 71 | 8-10 | 57s,82 M | 11″,1 M |
| 75 | 7-26 | 57,84 G | |

### 24585 P. — 34827 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 18h 37m | 44° 17′ |
| 80 | 7-13 | 58s,08 G | 55″,4 G |

### 24586 P. — 34789 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 18h 37m | 64° 39′ |
| 81 | 8- 5[1] | 59s,15 M | 17″,9 M |

[1] 𝒟 augmentée de 10″ : erreur de réduct.

### 24587 P. — 34763 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18h 37m | 85° 12′ |
| 63 | 7-31 | 16s,64 M | 38″,8 M |
| | | III. | |
| | | 18h 38m | 85° 11′ |
| 73 | 8- 4 | 0s,88 M | 50″,2 M |

### 24588 P. — 34751 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 18h 38m | 96° 45′ |
| 69 | 7-29 | 1s,04 M | 43″,1 M |
| | 8- 6 | 1,13 M | 44,2 M |

### 24589 P. — 34745 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18h 37m | 101° 35′ |
| 54 | 8-27 | 16s,39 G | |
| 57 | 7-20 | 16,47 G | 35″,3 G |
| 59 | 8-16 | | 34,7 G |
| 67 | 7-30 | 16,51 M | 36,5 M |
| | | III. | |
| | | 18h 38m | 101° 34′ |
| 68 | 7-17 | 6s,48 M | 47″,6 M |

### 24590 P. — 34777 et 821 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18h 37m | 77° 58′ |
| 58 | 7-26 | 25s,16 G | |
| | 9-12 | 25,04 G | 5″,6 G |
| | | III. | |
| | | 18h 38m | 77° 57′ |
| 71 | 8- 9 | 7s,16 M | 17″,2 M |
| | 8- 9 | 7,10 G | |
| | 8-16 | 7,21 G | |

### 24591 P. — 35006 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18h 38m | 17° 44′ |
| 63 | 8- 3 | 22s,78 M | 45″,6 M |
| | 8- 4 | 22,80 M | 46,2 M |

### 24592 P. — 34799 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 18h 38m | 67° 0′ |
| 70 | 7- 5 | 10s,25 G | 40″,4 G |
| | 7-15 | 10,09 G | 39,5 G |
| 73 | 7-25 | 10,12 G | |

### 24593 P. — 34800 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 18h 38m | 66° 39′ |
| 73 | 7-18 | 11s,04 G | 41″,1 G |
| 76 | 8- 4 | 11,06 G | 40,5 G |

### 24594 P. — 34776 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18h 37m | 80° 43′ |
| 57 | 7-18[1] | | 39″,9 G |
| | | III. | |
| | | 18h 38m | 80° 42′ |
| 79 | 8-16 | | 40″,1 G |
| 80 | 8- 3 | 11s,39 M | 42,9 M |
| | 8- 4 | 11,62 M | 42,7 M |

[1] 𝒟 non inscr. au Catal. : err. probable de 10″.

**24595 P. — 34724 L.**

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h 37m | 117°38′ |
| 55 7- 2 | 17s,14 G | |
| | III. | |
| | 18h 38m | 117°37′ |
| 79 7-29 | 13s,85 J | 40″,3 J |
| 8-11 | 13,49 J | 40,5 J |
| 8-12 | 13,66 J | 39,0 J |

**24596 P. — 34815 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 18h 38m | 58°59′ |
| 74 8-22 | 16s,38 M | 13″,3 M |
| 75 8-11 | 16,44 M | 13,1 M |

**24597 P. — 34753 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h 37m | 102°43′ |
| 54 9- 7 | 28s,09 G | |
| | III. | |
| | 18h 38m | 102°42′ |
| 78 8-16 | 18s,53 M | 40″,5 M |
| 79 8- 2 | 18,60 M | 41,6 M |
| 8-17 | 18,54 J | 40,7 J |

**24598 P. — 34771 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h 37m | 88°15′ |
| 56 7- 3 | 33s,49 G | |
| 58 9-13 | | 49″,5 G |
| | III. | |
| | 18h 38m | 88°14′ |
| 79 6-25 | 18s,97 J | 59″,1 J |
| 7-28 | 18,93 J | 60,8 J |

**24599 P. — 34773 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h 37m | 88°0′ |
| 56 9- 6 | 34s,03 G | |
| 57 6- 4 | 33,75 G | |
| 58 6- 7 | 33,97 G | |
| 8- 1 | 33,98 G | |

**24600 P. — 34749 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h 37m | 107°41′ |
| 54 8-29 | 28s,25 G | |
| | III. | |
| | 18h 38m | 107°40′ |
| 70 7-25 | 20s,79 M | 17″,1 M |
| 78 8- 2 | 20,78 G | 16,3 G |
| 8- 6 | 20,77 G | 16,2 G |

**24601 P. — 34785 et 828 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h 37m | 78°18′ |
| 57 6- 6 | | 1″,0 G |
| | III. | |
| | 18h 38m | 78°17′ |
| 71 7-17 | 21s,02 M | 12″,7 M |
| 7-17 [1] | 20,81 G | 13,2 G |
| 9- 2 | 20,76 G | |

[1] 𝒫 diminuée de 4″,4 : erreur de réduct. (*Voir* 23527 P.).

**24602 P. — 934 W₁.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 18h 36m | 95°39′ |
| 39 8-21 | 49s,24 G | 14″,3 F |

**24603 P. — 34735 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h 37m | 117°29′ |
| 57 8-12 | 30s,92 G | 9″,2 G |
| | III. | |
| | 18h 38m | 117°28′ |
| 80 8- 1 [1] | 27s,41 M | 21″,2 M |

[1] 𝒜 diminuée de 0s,16 : erreur de 1s sur un fil.

**24604 P. — 34844 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 18h 38m | 45°57′ |
| 69 7-12 | 30s,26 M | 0″,8 M |
| 75 8-16 | 30,23 M | 2,0 M |

**24605 P. — 34779 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h 37m | 90°30′ |
| 56 6-29 | 44s,28 G | |
| 7- 5 | | 45″,1 G |
| 7-28 | | 45,4 G |
| | III. | |
| | 18h 38m | 90°29′ |
| 77 7-11 | 30s,41 G | |

**24606 P. — 34782 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 18h 37m | 88°5′ |
| 37 6- 5 | 0s,55 G | |
| 6-12 | 0,54 G | 31″,9 F |
| 7- 5 | 0,49 G | |
| 8- 7 | 0,58 G | |
| 8- 8 [1] | 0,68 G | 29,3 F |
| 8-11 | 0,59 G | |
| 38 8-16 | 0,51 G | |
| 9-11 | 0,57 G | |

**24606 P. (suite).**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 18h 37m | 88°5′ |
| 41 7- 6 | 0s,61 G | |
| 8-19 | 0,54 G | |
| 8-20 | 0,56 G | |
| 8-22 | 0,46 G | |
| 8-27 | 0,53 G | |
| 8-28 | 0,48 G | |
| 8-30 | 0,48 G | |
| 8-31 | 0,43 G | |
| 46 7-12 | 0,52 G | |
| 8-17 | | 34″,3 G |
| 8-18 | | 34,7 G |
| 8-26 | | 34,3 G |
| 9- 2 | | 34,7 G |
| 9-11 | 0,45 G | |
| 10- 9 | | 33,6 G |
| 10-10 [2] | 0,56 G | |
| 48 6-18 | 0,59 G | |
| 50 10-12 | 0,62 G | 32,8 G |
| 52 8- 5 | 0,48 G | |
| 8- 6 | 0,60 G | |
| | II. | |
| | 18h 37m | 88°4′ |
| 54 8-24 | 45s,98 G | |
| 56 4-16 | 46,02 G | |
| 4-19 | | 44″,5 G |
| 4-20 | 45,98 G | 45,4 G |
| 4-21 | 45,90 G | |
| 4-22 | 45,93 G | 45,4 G |
| 4-23 | 46,04 G | |
| 4-24 | 45,95 G | |
| 4-25 | 46,07 G | 44,2 G |
| 5- 4 | 46,06 G | 45,9 G |
| 5-22 | 45,82 G | |
| 5-25 | 45,91 G | 44,9 G |
| 5-31 | 45,94 G | |
| 6- 8 | 45,84 G | 42,9 G |
| 6-10 | 45,97 G | |
| 6-12 | 45,85 G | 44,3 G |
| 6-26 | 45,91 G | 45,1 G |
| 6-27 | 46,06 G | 43,7 G |
| 6-28 | 46,05 G | |
| 7-22 | 45,83 G | 44,4 G |
| 7-23 | 45,98 G | |
| 7-25 | 45,89 G | 43,8 G |
| 7-31 | | 44,8 G |
| 8- 4 | 45,80 G | |
| 8- 5 | 45,86 G | 45,3 G |
| 8- 7 | | 43,0 G |
| 8- 9 | 45,98 G | |
| 8-10 | 45,93 G | |
| 8-12 | 45,95 G | |
| 8-13 | | 45,0 G |
| 8-14 | | 44,9 G |
| 8-23 | 45,97 G | 44,8 G |
| 8-30 | 45,90 G | |
| 8-31 | 45,97 G | 45,6 G |
| 9- 2 | 45,97 G | |
| 9- 3 | 46,07 G | |
| 9- 4 [3] | 45,77 G | 44,4 G |
| 9- 5 | 46,02 G | 45,1 G |
| 9- 6 | 45,97 G | 45,9 G |
| 9- 8 | | 45,1 G |
| 9-14 | 45,84 G | 44,0 G |
| 9-19 | | 45,1 G |
| 57 4-18 | 45,89 G | |
| 4-19 | 46,06 G | |
| 4-24 | 45,85 G | |
| 5-14 | 45,91 G | |
| 5-19 | 45,80 G | 41,2 G |
| 5-27 | | 43,5 G |
| 6- 4 | 45,91 G | |
| 58 6- 3 | | 43,4 F |
| 58 6- 7 | 45s,96 G | |
| 8- 1 | | 44″,8 G |
| 62 9- 5 | 45,95 G | |
| 63 7-18 | 45,84 M | 44,9 M |

[1] 𝒫 diminuée de 30″ (1 tour de vis des microscopes).

[2] 𝒜 augmentée de 1m : err. de transcr.

[3] 𝒜 diminuée de 1m : erreur de transcr.

**24607 P. — 34764 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h 37m | 102°43′ |
| 54 9- 6 | | 43″,4 G |
| 9-11 | 42s,20 G | |
| | III. | |
| | 18h 38m | 102°42′ |
| 79 8-16 | 32s,94 J | 51″,5 J |

**24608 P. — 34796 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h 37m | 82°9′ |
| 59 8-24 | 52s,63 G | |
| 63 8-10 | 52,49 M | 46″,2 M |
| | III. | |
| | 18h 38m | 82°8′ |
| 71 8- 5 | 35s,85 M | 55″,6 M |

**24609 P. — 34755 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h 37m | 109°44′ |
| 54 9- 2 | 44s,86 G | |
| | III. | |
| | 18h 38m | 109°44′ |
| 79 8- 2 | 38s,33 J | |
| 8-20 | 38,35 J | 4″,6 J |
| 8-25 | 38,34 J | 3,0 J |
| 80 8- 8 | 38,30 M | 5,8 M |

**24610 P. — 34825-26 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 18h 38m | 62°1′ |
| 61 7-15 | 9s,26 G | |
| | III. | |
| | 18h 38m | 62°0′ |
| 70 7-16 | 44s,79 G | 43″,9 G |
| 7-29 | 44,79 G | 43,8 G |
| 73 7-15 | 44,75 G | 43,5 G |
| 7-21 | 44,78 G | |
| 74 7-21 | 44,71 M | 46,3 M |

Dates 1800 + — Positions moyennes pour les époques du Catal.

### 24611 P. — 34761 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| I. | 18h36m | 112°32′ |
| 39 8-13 | 59s,76 G | |
| 40 7-15 | 59,68 G | 53″,5 F |
| 8- 2 | 59,64 G | |
| 46 8- 9 | 59,65 G | |
| 47 6-12 | 59,60 G | |
| 8-21 | 59,74 G | |
| 8-25 | 59,58 G | |
| 8-26 | 59,58 G | |
| 8-28 | 59,55 G | |
| 48 8-24 | | 54,1 G |
| 51 8-20 | 59,74 G | |
| II. | 18h37m | 112°32′ |
| 55 7-15 | 54s,03 G | 4″,3 G |
| III. | 18h38m | 112°31′ |
| 80 8-11[1] | 48s,20 M | 14″,8 M |

[1] ℘ diminuée de 10″ : erreur de moy.

### 24612 P. — 34786 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | 18h38m | 94°43′ |
| 69 8- 4 | 50s,91 M | 37″,2 M |
| 75 7-28 | 51,05 G | 37,4 G |
| 76 7-19 | 51,01 G | 36,9 G |
| 7-26 | 50,97 G | 36,2 G |
| 8- 8 | 51,12 G | 35,7 G |

### 24613 P. — 34791 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 18h38m | 93°22′ |
| 64 7-27 | 5s,65 M | 20″,4 M |
| III. | 18h38m | 93°21′ |
| 76 8-12 | 53s,02 G | 31″,1 G |
| 78 7-13 | 53,19 M | 31,4 M |
| 7-23 | 53,07 G | 30,5 G |

### 24614 P. — 34883 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | 18h38m | 40°44′ |
| 80 7-15 | 55s,96 G | 8″,3 G |
| 8- 4 | | 4,3 G |
| 81 7-29 | 56,17 G | 8,7 G |

### 24615 P. — 34784 L[1].

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 18h38m | 100°38′ |
| 54 9- 3 | 6s,58 G | |
| 57 8-29 | | 4″,2 G |
| 9- 5 | | 4,3 G |
| III. | 18h38m | 100°37′ |
| 79 8-13 | 56s,53 J | 13″,9 J |

[1] La dist. pol. de Lal. doit être augm. de 2′ : err. de réduct. de Baily.

### 24616 P. — 34858 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 18h38m | 51°46′ |
| 66 7- 9 | 28s,17 G | |
| 7-25 | 28,22 G | 6″,9 G |
| 67 8-13 | 28,14 G | 6,1 G |
| III. | 18h38m | 51°45′ |
| 69 7-17 | 58s,58 M | 15″,7 M |
| 7-19 | 58,67 M | 15,3 M |
| 7-19 | | 16,6 G |

### 24617 P. — 34819 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| I. | 18h37m | 74°31′ |
| 40 8-20 | 39s,28 G | 14″,1 F |
| II. | 18h38m | 74°30′ |
| 59 8-29 | 19s,81 G | 25″,7 G |
| III. | 18h39m | 74°29′ |
| 71 8-10 | 0s,38 G | 35″,0 G |

### 24618 P. — 34830 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | 18h39m | 64°30′ |
| 70 8- 6 | 1s,66 G | 33″,5 G |
| 74 7-20 | 1,74 M | 33,8 M |
| 8-19 | 1,53 M | 33,6 M |

### 24619 P. — 34870 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| I. | 18h38m | 50°51′ |
| 40 8-17 | 6s,58 G | |
| III. | 18h39m | 50°49′ |
| 68 7-30 | 6s,37 G | 25″,4 G |
| 76 7-19 | 6,41 M | 26,8 M |
| 8- 9 | 6,33 M | 27,7 M |

### 24620 P. — 34798 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 18h38m | 100°25′ |
| 54 9- 9 | 19s,02 G | |
| 60 7-15 | 19,13 G | |
| 67 7-29 | 18,92 M | 55″,6 M |
| III. | 18h39m | 100°25′ |
| 78 8- 7 | 8s,90 G | 7″,3 G |
| 8-16 | 8,64 G | 6,7 G |

### 24621 P. — 34853 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | 18h39m | 58°11′ |
| 69 7-21 | 10s,05 M | 39″,8 M |
| 74 8-20 | 9,77 M | 39,4 M |
| 8-21 | 9,74 M | 39,3 M |

### 24622 P. — 34818 L

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 18h38m | 81°10′ |
| 59 7- 3 | 29s,07 G | |
| 60 9-12 | · 29,19 G | 47″,8 G |
| III. | 18h39m | 81°9′ |
| 71 8-11[1] | 12s,19 M | 53″,3 M |

[1] ℘ diminuée de 1′.

### 24623 P. — 34868-69 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| I. | 18h38m | 53°35′ |
| 41 7- 5 | | 58″,1 F |
| II. | 18h38m | 53°35′ |
| 58 10- 4[1] | 41s,60 G | |
| 66 7-20[2] | 41,68 G | 5″,0 G |
| 7-21[3] | 41,78 G | 4,1 G |
| 67 8-10 | 41,74 G | 4,2 G |
| III. | 18h39m | 53°34′ |
| 81 7-29 | 13s,24 J | 12″,0 J |
| 8- 7 | 13,07 J | 12,3 J |

[1] Indiquée à tort au t. XIV comme 34853 L. (distance des fils).
[2] ℘ diminuée de 1′.
[3] ℘ diminuée de 10″ : erreur de réduct.

### 24624 P. — 34885 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| I. | 18h38m | 45°13′ |
| 40 8-15 | 21s,95 G | |
| 8-16 | 21,95 G | |
| III. | 18h39m | 45°11′ |
| 79 7-29 | 15s,15 G | 54″,5 G |

### 24625 P. — 34838 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 18h38m | 66°37′ |
| 60 7 25 | 38s,23 G | |
| III. | 18h39m | 66°36′ |
| 70 7-25 | 15s,82 G | 59″,7 G |
| 75 8- 9 | 15,80 G | 58,4 G |
| 8-11[1] | 15,96 G | 58,0 G |

[1] ℘ diminuée de 5″ : erreur de moy.

### 24626 P. — 34820 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 18h38m | 84°38′ |
| 57 6-28 | | 30″,5 G |
| 7-19 | 35s,36 G | 30,7 G |
| 8- 5 | 35,27 G | |
| 59 8- 5 | 35,44 G | |
| 63 7-30 | 35,29 M | 31,2 M |

### 24627 P. — 34816 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 18h38m | 90°24′ |
| 56 7-31 | 33s,32 G | |
| 64 8-16 | 33,42 M | 28″,2 M |
| III. | 18h39m | 90°23′ |
| 69 7-30 | 19s,38 M | 37″,0 M |
| 76 8- 7 | 19,64 G | 36,6 G |
| 8- 9 | 19,88 G | 35,0 G |
| 8-10 | 19,78 G | 36,2 G |

### 24628 P. — 17361 Mn1.

| A. M. J. | Æ | ℘ |
|---|---|---|
| I. | 18h37m | 109°9′ |
| 49 8-15 | 37s,97 G | |

### 24629 P. — 34859 et 61 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 18h38m | 62°2′ |
| 59 6-13 | 48s,92 G | 21″,1 G |
| III. | 18h39m | 62°1′ |
| 70 7-20 | 24s,47 G | 29″,0 G |
| 73 8- 4 | 24,49 G | |
| 81 7- 7 | 24,85 J | 28,3 J |
| 7-17 | 24,74 J | 27,0 J |

### 24630 P. — 34872-73 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | 18h39m | 55°36′ |
| 81 7-30 | 24s,48 J | 14″,7 J |
| 8- 2 | 25,14 J | 14,2 J |
| 8- 4[1] | 23,75 J | 12,3 J |

[1] Æ non comprise dans la moy. : erreur probable de 1s.

### 24631 P. — 34824 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | 18h39m | 84°33′ |
| 71 8- 7 | 25s,01 M | 11″,1 M |
| 72 7-16 | 24,75 G | |
| 74 7-29 | 24,88 M | 7,9 M |
| 7-31 | 24,89 M | 8,6 M |

Dates 1800 + — Positions moyennes pour les époques du Catal.

**24632 P. — 34901 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | I. | $18^h38^m$ | 42°34' |
| 40 | 8-28 | $36^s,26$ G | |
| | 8-29 | | $43'',3$ F |
| | 8-31 | | 45,7 F |
| | II. | $18^h39^m$ | 42°33' |
| 66 | 8-23 | $1^s,01$ G | |

**24633 P. — 34852 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | $18^h38^m$ | 66°32' |
| 57 | 7-25 | $49^s,88$ G | $52'',0$ G |
| 60 | 7-25 | 50,09 G | 53,9 G |
| 61 | 8-17 | 50,01 G | |
| | III. | $18^h39^m$ | 66°32' |
| 73 | 8- 1 | $27^s,35$ G | |

**24634 P. — 1170 $W_2$.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | $18^h38^m$ | 62°36' |
| 57 | 5-16 [1] | $54^s,22$ G | |

[1] Erreur de 4° dans la déclin. approchée inscrite au tome XIII (distance des fils).

**24635 P. — 34811 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | $18^h38^m$ | 100°28' |
| 54 | 9-20 | $40^s,70$ G | |
| | III. | $18^h39^m$ | 100°27' |
| 79 | 8-11 | $30^s,59$ M | $34'',8$ M |
| 81 | 7- 4 | 30,48 M | 33,5 M |
| | 7-18 | 30,43 M | 33,6 M |

**24636 P. — 3188 A + 33°.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | I. | $18^h38^m$ | 56°43' |
| 49 | 9-11 | $25^s,79$ G | |

**24637 P. — 7702 Brux.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | I. | $18^h37^m$ | 110°37' |
| 48 | 7- 5 | $45^s,42$ G | |
| | 7- 6 | 45,52 G | |
| | 7- 7 | 45,59 G | |

**24638 P. — 4830 Sf. — 9°.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | $18^h38^m$ | 99°20' |
| 54 | 9-10 | $45^s,02$ G | |

**24639 P. — 34913 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | III. | $18^h39^m$ | 40°40' |
| 80 | 8- 4 [1] | $34^s,42$ G | |
| 81 | 9-13 | 34,75 G | |

[1] Æ augmentée de $1^s$: correction indiquée comme probable par l'observateur.

**24640 P. — 34848 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | $18^h38^m$ | 72°10' |
| 58 | 9-25 | | $42'',7$ G |
| 59 | 8-28 | $55^s,57$ G | 44,6 G |
| | III. | $18^h39^m$ | 72°9' |
| 71 | 7-21 | $35^s,52$ M | |

**24641 P. — 34836-37 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | $18^h38^m$ | 78°32' |
| 57 | 5- 7 | $54^s,21$ G | |
| | 6- 2 | | $37'',5$ G |
| | III. | $18^h39^m$ | 78°31' |
| 79 | 7- 4 | $36^s,50$ G | $47'',2$ G |
| | 8-12 | 36,54 G | 48,0 G |

**24642 P. — 34812 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | $18^h38^m$ | 104°35' |
| 54 | 9- 4 | $48^s,58$ G | |
| 58 | 9- 9 | 48,74 G | $59'',4$ G |
| 59 | 7-11 | 48,68 G | 59,9 G |

**24643 P. — 34864 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | $18^h39^m$ | 67°34' |
| 58 | 7-15 | $2^s,61$ G | |
| | III. | $18^h39^m$ | 67°33' |
| 73 | 7-17 | $40^s,42$ G | $53'',2$ G |
| 75 | 7-23 | 40,60 M | 53,7 M |
| 76 | 8- 8 | 40,70 M | 54,9 M |
| | 8-10 | 40,54 M | 53,6 M |

**24644 P. — 25664 Gould.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | I. | $18^h37^m$ | 118°26' |
| 52 | 7- 1 | $50^s,82$ G | |
| | 7- 3 | 50,84 G | |
| | 7- 4 | 50,91 G | |
| | 7- 5 | | $22'',2$ G |
| | 7- 7 | | 25,0 G |
| | 7- 8 | | 22,3 G |
| | 7-21 | | 23,6 G |
| | 7-23 | | 20,2 G |
| | 8- 1 | 51,00 G | |
| | 8-22 | 50,93 G | |

**24645 P. — 34843 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | $18^h39^m$ | 81°39' |
| 56 | 7- 1 | $3^s,17$ G | $8'',9$ G |
| | III. | $18^h39^m$ | 81°38' |
| 71 | 8- 8 | $46^s,43$ M | $17'',9$ M |

**24646 P. — 17386 $Mn_1$.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | III. | $18^h39^m$ | 84°35' |
| 72 | 7-20 | $46^s,49$ M | $32'',0$ M |

**24647 P. — 34823 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | I. | $18^h38^m$ | 98°16' |
| 48 | 7-12 | $10^s,84$ G | |
| | 7-14 | | $43'',4$ F |
| | II. | $18^h38^m$ | 98°15' |
| 55 | 8-13 | $59^s,59$ G | |
| 60 | 6-29 | 59,79 G | |
| | 8- 6 | 59,91 G | $52'',5$ G |
| | III. | $18^h39^m$ | 98°14' |
| 68 | 8- 7 | $48^s,82$ M | $59'',8$ M |
| 69 | 7-26 | 48,94 M | 60,8 M |
| 74 | 7- 6 | 48,54 G | 61,1 G |
| | 7- 8 | 48,70 G | 60,0 G |
| | 7-13 | 48,65 G | 60,5 G |

**24648 P. — 34822 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | $18^h38^m$ | 100°16' |
| 54 | 9-18 | $59^s,78$ G | |
| 58 | 9-24 | | $14'',6$ F |
| 59 | 7-23 | 59,97 G | 11,0 G |
| 61 | 8- 4 | 60,23 G | |

**24649 P. — 2708 Gr.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | I. | $18^h43^m$ | 6°45' |
| 53 | 9-12 | $50^s,95$ G | |
| | 9-17 | 50,97 G | |
| | 9-18 | 50,53 G | |
| | 9-19 | 51,09 G | |
| | 9-21 | 51,08 G | |

**24650 P. — 2658 Gr.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | I. | $18^h39^m$ | 27°24' |
| 40 | 8-31 | $34^s,48$ G | |

**24651 P. — 34900 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | $18^h39^m$ | 51°36' |
| 67 | 8- 9 | $21^s,29$ G | $30'',5$ G |
| | III. | $18^h39^m$ | 51°35' |
| 68 | 7-31 | $51^s,40$ G | $38'',5$ G |
| | 8- 1 | 51,59 G | |
| | 8-13 | | 38,5 G |

**24652 P. — 34854-55 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | $18^h39^m$ | 78°38' |
| 56 | 8-14 | $10^s,52$ G | |
| | III. | $18^h39^m$ | 78°37' |
| 80 | 7- 5 | | $55'',7$ G |
| | 7-10 | $52^s,67$ M | 54,9 M |

**24653 P. — 4703 Sf. — 8°.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | $18^h39^m$ | 98°12' |
| 60 | 8- 6 | $6^s,79$ G | |

**24654 P. — 34839-40 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | I. | $18^h38^m$ | 91°7' |
| 46 | 6-28 | $28^s,37$ G | |
| | 6-29 | 28,30 G | |
| | 7- 1 | 28,22 G | |
| | 7- 2 | 28,11 G | |
| | 7- 3 | 28,03 G | |
| | 7-10 | 28,38 G | |
| | 7-21 | 28,35 G | |
| | 7-22 | 28,44 G | |
| | 8-12 | | $11'',6$ G |
| 47 | 8-30 | 28,31 G | |
| 50 | 7-12 | | 12,3 G |
| 52 | 8-18 | 28,48 G | |
| 53 | 6-27 | 28,37 G | |
| | 6-28 | 28,30 G | |
| | II. | $18^h39^m$ | 91°6' |
| 55 | 8- 9 | $14^s,70$ G | |
| | 9-10 | | $20'',3$ G |
| 57 | 7-13 | 14,77 G | |
| | 8-25 | 15,03 G | |
| | 9-16 | 14,82 G | 20,8 G |
| 58 | 5-26 | 14,92 G | |
| 64 | 7-16 | 14,84 M | 20,0 M |
| | III. | $18^h40^m$ | 91°5' |
| 76 | 7-14 | $1^s,40$ G | $28'',8$ G |
| | 8- 2 | 1,21 G | 29,2 G |
| | 8- 3 | 1,23 G | 29,4 G |
| 78 | 7-27 | 1,21 G | 31,1 G |

**24655 P. — 34841-42 L.**

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | 18$^h$39$^m$ | 91°6′ |
| 57 8-25 | 15$^s$,97 G | |
| | III. | |
| | 18$^h$40$^m$ | 91°5′ |
| 76 8-11 | 2$^s$,06 G | 37$''$,4 G |
| 78 7-18 | 2,02 G | 35,4 G |
| 7-28 | 1,84 G | 37,1 G |

**24656 P. — 34834 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | 18$^h$39$^m$ | 96°50′ |
| 57 7-11 | 14$^s$,33 G | 6$''$,8 G |
| 8-27 | | 8,8 G |
| 65 7-28 | 14,47 M | 8,6 M |
| | III. | |
| | 18$^h$40$^m$ | 96°49′ |
| 69 8- 6 | 2$^s$,86 M | 17$''$,5 M |
| 74 7-14 | 2,79 G | |
| 7-15 | 2,87 G | 16,7 G |
| 7-20 | 2,67 G | 16,7 G |

**24657 P. — 34871 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | 18$^h$39$^m$ | 74°25′ |
| 57 7-15 | | 5$''$,5 G |
| 9- 8 | 22$^s$,43 G | |
| | III. | |
| | 18$^h$40$^m$ | 74°24′ |
| 71 7-16 | 2$^s$,93 G | |
| 75 7-15 | 3,05 G | 14$''$,0 G |
| 7-26 | 3,11 G | |

**24658 P. — 3925 A + 20°.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | 18$^h$39$^m$ | 69°41′ |
| 58 7-14 | 26$^s$,21 G | |

**24659 P. — 34865 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | 18$^h$39$^m$ | 80°19′ |
| 57 7-23 | 22$^s$,73 G | 31$''$,6 G |
| 7-27 | 22,52 G | 32,5 G |
| 7-28 | 22,63 G | 32,3 G |
| 8-22 | | 32,7 G |
| 58 7- 3 | 22,60 G | 33,0 G |
| 59 7- 2 | 22,68 G | |
| 60 8- 4 | 22,64 G | 33,6 G |
| 8-12 | 22,68 G | |
| 63 8-11 | 22,40 M | 34,8 M |
| 8-12 | 22,54 M | 33,6 M |
| | III. | |
| | 18$^h$40$^m$ | 80°18′ |
| 70 6-29 | 5$^s$,33 M | 41$''$,9 M |

**24660 P. — 34813-14 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | 18$^h$39$^m$ | 117°13′ |
| 55 6-30 | 10$^s$,60 G | |
| 58 8- 4 | 10,29 G | 58$''$,5 G |
| | III. | |
| | 18$^h$40$^m$ | 117°13′ |
| 79 8-12 | 6$^s$,41 M | 7$''$,5 M |

**24661 P. — 34877 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | 18$^h$39$^m$ | 70°10′ |
| 57 8- 5 | | 23$''$,8 G |
| 67 8- 5 | 27$^s$,44 M | 26,0 M |
| | III. | |
| | 18$^h$40$^m$ | 70°9′ |
| 80 8- 5 | 6$^s$,43 M | 33$''$,4 M |

**24662 P. — 34835 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | 18$^h$39$^m$ | 97°43′ |
| 57 8- 2 | 19$^s$,79 G | 28$''$,3 G |
| 8- 9 | 19,62 G | |
| 8-13 | 19,76 G | |
| 58 9- 8 | 19,74 G | 29,8 G |
| | III. | |
| | 18$^h$40$^m$ | 97°42′ |
| 74 7-21 | 8$^s$,30 G | 39$''$,0 G |
| 8-21 | 8,46 G | 38,5 G |
| 8-22 | 8,35 G | 37,6 G |

**24663 P. — 6372 Albany.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | 18$^h$39$^m$ | 87°34′ |
| 58 7-13 | 25$^s$,93 G | 30$''$,0 G |

**24664 P. — 34912 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | I. | |
| | 18$^h$39$^m$ | 50°29′ |
| 37 7- 6 | 12$^s$,36 G | |
| 7-24 | 12,32 G | |
| 7-25 | 12,37 G | |
| 7-26 | 12,25 G | |
| 8- 8 | 12,48 G | |
| 8-10 | 12,55 G | |
| 8-11 | 12,50 G | 20$''$,3 F |
| 41 7-16 | 12,21 G | |
| 46 8-15 | 12,28 G | |
| 8-17 | 12,33 G | |
| 8-18 | 12,15 G | |
| 8-22 | 12,22 G | |
| 53 11- 4 | | 19,0 G |
| | III. | |
| | 18$^h$40$^m$ | 50°27′ |
| 68 8- 4 | 11$^s$,91 G | 32$''$,0 G |
| 76 8-12 | 11,78 M | 34,7 M |

**24665 P. — *c* Dragon.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | I. | |
| | 18$^h$39$^m$ | 34°36′ |
| 40 7-15[1] | 37$^s$,76 G | 53$''$,2 G |
| 8- 5[1] | | 54,3 G |
| 41 7- 3[1] | | 57,2 G |
| 7-22 | | 58,2 G |
| | II. | |
| | 18$^h$39$^m$ | 34°36′ |
| 64 7- 8 | | 3$''$,1 G |
| 7-13 | | 4,9 G |
| 7-15 | | 4,9 G |
| 7-18 | | 4,3 G |
| 7-27 | | 4,7 G |
| 65 7- 8 | | 4,6 G |

[1] Observations de distances polaires faites sans indication de la position de l'observateur : on n'a pas tenu compte de la valeur de l'équation personnelle dans la réduction des observations.

**24666 P. — 34914 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | I. | |
| | 18$^h$39$^m$ | 50°32′ |
| 37 7- 6 | 14$^s$,58 G | |
| 7- 7 | 14,69 G | |
| 7-24 | 14,49 G | |
| 7-25 | 14,58 G | |
| 7-26 | 14,50 G | |
| 8- 8 | 14,55 G | |
| 8-10 | 14,71 G | |
| 8-11 | 14,64 G | |
| 38 9-11 | 14,54 G | |
| 46 7-26 | | 46$''$,9 G |
| 10- 9 | | 48,9 F |
| 47 6-12 | 14,45 G | |
| 50 7-29 | 14,45 G | |
| | II. | |
| | 18$^h$39$^m$ | 50°31′ |
| 67 7-30 | | 54$''$,0 G |
| 8-12 | 44$^s$,44 G | 52,9 G |
| | III. | |
| | 18$^h$40$^m$ | 50°31′ |
| 75 7-15 | 14$^s$,10 M | 0$''$,4 M |
| 76 7-27 | 14,22 M | 1,1 M |

**24667 P. — 34904 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | III. | |
| | 18$^h$40$^m$ | 56°56′ |
| 80 7-19[1] | 16$^s$,82 M | 23$''$,7 M |
| 81 6-14 | 16,98 M | |

[1] Æ augmentée de 1$^s$ : erreur de réduct.

**24668 P. — 34887 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | I. | |
| | 18$^h$38$^m$ | 69°35′ |
| 39 7- 3 | 59$^s$,54 G | |
| 7- 5 | | 50$''$,6 F |
| 7-28 | 59,59 G | |
| 8-15 | 59,53 G | |
| 8-19 | 59,66 G | |
| 8-21 | 59,47 G | 49,6 F |

**24668 P. (suite).**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | I. | |
| | 18$^h$38$^m$ | 69°35′ |
| 39 9-13 | 59$^s$,42 G | |
| 46 7- 7 | 59,58 G | |
| 7-17 | 59,68 G | |
| 7-29 | 59,48 G | |
| 7-30 | 59,61 G | |
| 8-21 | 59,40 G | |
| 8-29 | 59,42 G | |
| 9-29 | 59,54 G | |
| 47 11- 1 | | 53$''$,5 G |
| 48 7-18 | 59,44 G | |
| 9- 8 | 59,43 G | |
| 49 7-22 | 59,52 G | |
| 52 10- 9 | 59,52 G | |
| 10-10 | 59,62 G | |
| 10-14 | 59,51 G | |
| 10-15[1] | 59,69 G | |
| 10-16 | 59,68 G | |
| 10-17 | 59,44 G | |
| 10-19 | 59,55 G | |
| 10-20 | 59,59 G | |
| 10-22 | 59,49 G | |
| 11- 6 | 59,56 G | |
| 11- 9 | 59,51 G | |
| 53 3-26 | 59,61 G | |
| 3-27 | 59,57 G | |
| 3-28 | 59,61 G | |
| 4- 1 | 59,65 G | |
| 4- 8 | 59,55 G | |
| 4-14 | 59,46 G | |
| 4-17 | 59,64 G | |
| 4-26 | 59,37 G | |
| 11- 4[2] | 59,56 G | |
| | II. | |
| | 18$^h$39$^m$ | 69°35′ |
| 58 7-14 | 38$^s$,20 G | |
| 9-10 | | 5$''$,9 G |
| 59 8-22 | 38,24 G | |
| 62 7-13 | 38,30 G | |
| 7-22 | 38,25 G | |
| 7-25 | 38,18 G | |
| 7-26 | 38,21 G | |
| 7-27 | 38,20 G | |
| 7-31 | 38,18 G | |
| 8- 1 | 38,12 G | |
| 63 6-17 | 38,08 G | |
| 6-24 | 38,04 G | |
| 7- 1 | 38,17 G | |
| 7-11 | 38,14 G | |
| 7-13 | 38,22 G | |
| 7-15 | 38,17 G | |
| 7-17 | 38,22 G | |
| 7-24 | 38,15 G | |
| 7-30 | 38,20 G | |
| 7-31 | 38,25 G | |
| 8- 6 | 38,11 G | |
| 8- 8 | 38,21 G | |
| 8- 9 | 38,24 G | |
| 8-10 | 38,17 G | |
| 8-13 | 38,10 G | |
| 8-14 | 38,25 G | |
| 8-17 | 38,25 G | |
| 8-25 | 38,26 G | |
| 64 6-13 | 38,28 G | |
| 7- 1 | 38,20 G | |
| 7- 6 | 38,03 G | |
| 7-11 | 38,14 G | |
| 7-29 | 38,25 G | |
| 7-30 | 38,15 G | |
| 8- 3 | 38,34 G | |
| 8- 6 | 38,21 G | |
| 8- 7 | 38,17 G | |
| 8- 8 | 38,15 G | |

### 24668 P. (suite).

| Dates 1800 + A. | M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19$^h$39$^m$ | 69°35′ |
| 64 | 8-10 | 38$^s$,10 G | |
| | 8-11 | 38,19 G | |
| | 8-16 | 38,21 G | |
| | 8-24 | 38,19 G | |
| | 8-28 | 38,18 G | |
| | 8-29 | 38,24 G | |
| | | III. | |
| | | 18$^h$40$^m$ | 69°34′ |
| 70 | 7-12 | 16$^s$,95 G | 16″,1 G |
| | 7-23 | 16,92 G | |
| 72 | 7- 3 | 16,94 G | 17,1 G |
| | 7- 4 | 16,93 G | |
| | 7- 9 | 17,07 G | |
| | 7-19 | 16,89 G | |
| | 7-21 | 16,90 G | |
| | 7-22 | 16,96 G | |
| | 8-16 | 16,89 G | |
| | 8-28 | 16,70 G | |

[1] 𝒜 augm de 1$^m$ : erreur de transcrip.
[2] 𝒜 augmentée de 1$^m$.

### 24669 P. — 34890 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18$^h$39$^m$ | 68°10′ |
| 40 | 7- 9 | 1$^s$,08 G | 27″,4 F |
| | 7-17 | 1,08 G | 25,6 F |
| | | II. | |
| | | 18$^h$39$^m$ | 68°9′ |
| 58 | 8- 7 | 39$^s$,10 G | 33″,5 G |
| | | III. | |
| | | 18$^h$40$^m$ | 68°8′ |
| 70 | 8- 1 | 17$^s$,36 G | 41″,6 G |
| 73 | 7-18 | 17,42 G | 41,3 G |

### 24670 P. — 34876 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$39$^m$ | 76°40′ |
| 58 | 6- 3 | 37$^s$,08 G | 31″,6 G |
| | | III. | |
| | | 18$^h$40$^m$ | 76°39′ |
| 71 | 8- 7 | 18$^s$,49 G | 36″,2 G |
| | 8-28 | 18,40 G | 36,2 G |
| | 9- 5 | 18,58 G | |

### 24671 P. — 34832 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$39$^m$ | 106°7′ |
| 54 | 8-31 | 27$^s$,18 G | |
| 59 | 6-24[1] | 27,22 G | 34″,6 G |
| | | III. | |
| | | 18$^h$40$^m$ | 106°6′ |
| 78 | 9- 3 | 19$^s$,04 M | 45″,4 M |

[1] 𝒫 augmentée de 3″,1 : erreur de réduct.

### 24672 P. — 34945 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18$^h$40$^m$ | 43°54′ |
| 81 | 7- 2 | 24$^s$,97 G | 37″,5 G |

### 24673 P. — 994 W$_1$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$39$^m$ | 85°7′ |
| 63 | 7-31[1] | 40$^s$,55 M | 17″,1 M |

[1] 𝒜 augmentée de 0$^s$,25 : suppression d'un fil erroné. 𝒫 augmentée de 1′.

### 24674 P. — 34857 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18$^h$38$^m$ | 96°3′ |
| 39 | 9- 9 | 50$^s$,53 G | |
| | | II. | |
| | | 18$^h$39$^m$ | 96°2′ |
| 57 | 7-10 | | 41″,8 G |
| 58 | 7-30 | 38$^s$,84 G | 41,6 G |
| | | III. | |
| | | 18$^h$40$^m$ | 96°1′ |
| 74 | 8-26 | 26$^s$,93 G | 50″,1 G |
| | 9- 1 | 26,83 G | 49,7 G |

### 24675 P. — 34879 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18$^h$40$^m$ | 78°54′ |
| 71 | 8- 1 | 27$^s$,36 M | 38″,8 M |
| | 8- 1 | 27,36 G | |

### 24676 P. — 34833 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18$^h$38$^m$ | 110°26′ |
| 40 | 8- 4 | | 10″,5 G |
| 41 | 9-11 | 40$^s$,28 G | |
| | 9-19 | 40,15 G | |
| 47 | 6-28[1] | 40,44 G | |
| 48 | 7- 5 | 40,22 G | |
| | 7-11 | | 11,3 G |
| 52 | 7-22 | 40,44 G | |
| | 7-23 | 40,42 G | |
| 50 | 7-22 | | 11,6 G |
| | | II. | |
| | | 18$^h$39$^m$ | 110°25′ |
| 55 | 7-19 | 33$^s$,90 G | |
| 59 | 6-17 | | 18″,0 G |
| | | III. | |
| | | 18$^h$40$^m$ | 110°24′ |
| 79 | 7- 9 | 27$^s$,45 J | 30″,3 J |
| | 7-15 | 27,38 J | 28,7 J |

[1] 𝒜 augmentée de 1$^m$.

### 24677 P. — 34919 à 22 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18$^h$39$^m$ | 52°33′ |
| 37 | 6-26 | 26$^s$,16 G | |
| | 6-27 | 25,96 G | |
| 39 | 9-18 | 25,84 G | |
| 46 | 7-26 | 26,19 G | |
| | 9- 2 | 26,08 G | |
| | 9- 3 | 26,15 G | |
| 47 | 10-28 | | 13″,4 G |
| | 11-13 | | 13,8 G |
| 48 | 6-23 | 26,09 G | |
| | 7-10 | 26,04 G | |
| | 7-11 | 26,17 G | |
| 52 | 10-24 | 25,98 G | |
| | | III. | |
| | | 18$^h$40$^m$ | 52°31′ |
| 68 | 8- 7 | 27$^s$,94 G | |
| 81 | 7- 6 | 28,16 J | 25″,5 J |

### 24678 P. — 34955 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18$^h$39$^m$ | 42°32′ |
| 40 | 8-28 | 40$^s$,47 G | |
| | 8-29 | | 18″,8 F |
| | 8-31 | | 19,2 F |
| 41 | 8-24 | | 19,1 F |

### 24679 P. — 34924, 26, 27 et 59 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18$^h$39$^m$ | 52°33′ |
| 37 | 6-26 | 28$^s$,04 G | |
| | 6-27 | 27,90 G | |
| | | II. | |
| | | 18$^h$39$^m$ | 52°32′ |
| 58 | 8- 2 | 58$^s$,80 G | 58″,5 G |
| | | III. | |
| | | 18$^h$40$^m$ | 52°32′ |
| 74 | 8-26 | 29$^s$,85 M | 2″,4 M |
| 80 | 8-10[1] | 29,00 M | 4,6 M |
| 81 | 7- 5 | 29,97 J | 4,5 J |

[1] 𝒜 non comprise dans la moyenne.

### 24680 P. — 4048 R$_1$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18$^h$39$^m$ | 34°42′ |
| 45 | 8-16 | 55$^s$,17 G | |

### 24681 P. — 2824 Carrington.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18$^h$45$^m$ | 5°49′ |
| 43 | 9- 4 | 25$^s$,70 G | |

### 24682 P. — 34866-67 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18$^h$38$^m$ | 94°54′ |
| 37 | 6-12 | 57$^s$,00 G | |

### 24682 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18$^h$38$^m$ | 94°54′ |
| 37 | 6-17 | | 28″,8 F |
| | 6-21 | 57$^s$,05 G | |
| | 6-22[1] | 56,98 G | 28,9 F |
| | 6-25 | 57,07 G | 28,6 F |
| | 7- 5 | 56,91 G | |
| | 8-22 | 56,93 G | |
| | 8-25 | 56,99 G | 27,7 F |
| | 8-27 | 56,97 G | |
| | 9-10 | 56,97 G | |
| 38 | 8-13 | 57,01 G | |
| | 8-15 | 56,99 G | |
| | 8-16 | 56,99 G | |
| 39 | 8-13 | 57,06 G | |
| 40 | 7-21 | 57,03 G | |
| | 7-22 | 57,05 G | |
| 41 | 8-13 | 57,04 G | |
| | 8-14 | 57,11 G | |
| | 8-16 | 56,96 G | |
| | 8-19 | 56,89 G | |
| | 8-20 | 57,07 G | |
| | 8-22 | 56,98 G | |
| | 8-24 | 56,96 G | |
| | 9-22 | 56,93 G | 32,2 F |
| 53 | 8- 4[2] | 56,55 G | |
| | | II. | |
| | | 18$^h$39$^m$ | 94°53′ |
| 57 | 6-14 | 44$^s$,64 G | 37″,4 G |
| | | III. | |
| | | 18$^h$40$^m$ | 94°52′ |
| 69 | 7-29 | 32$^s$,56 M | 45″,6 M |
| 77 | 7-11 | 32,49 G | |
| | 7-30 | 32,51 G | |
| | 8-13 | 32,52 M | 46,8 M |
| 78 | 7-30 | 32,53 G | 47,1 G |
| | 7-31 | 32,43 G | 45,5 G |

[1] 𝒫 augmentée de 1′ : err. de réduction.
[2] 𝒜 non comprise dans la moy. : obs. faite à 2 fils discordants.

### 24683 P. — 34908 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$39$^m$ | 61°53′ |
| 58 | 9-14 | 58$^s$,70 G | |
| | | III. | |
| | | 18$^h$40$^m$ | 61°52′ |
| 70 | 7- 5 | 34$^s$,48 G | 25″,3 G |
| | 7-15 | 34,36 G | |
| 75 | 7-19 | 34,51 G | 23,9 G |
| | 7-31 | 34,27 G | |

### 24684 P. — 2412 Br.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18$^h$44$^m$ | 6°57′ |
| 53 | 3-12 | 28$^s$,25 G | |
| | 9-11 | 29,16 G | |
| | 9-12 | 28,45 G | |
| | 9-17 | 28,43 G | |
| | 9-18 | 28,20 G | |
| | 9-19 | 28,25 G | |

Dates 1800+ — Positions moyennes pour les époques du Catal.

### 24685 P. — 34962 L.

| A. M. J. | Æ | D |
|---|---|---|
| III. | $18^h40^m$ | 44°1′ |
| 80 7-31 | $37^s,21$ G | |
| 81 7-26 | 37,17 G | 8″,5 G |
| 7-30 | | 10,7 G |

### 24686 P. — 34849 L.

| A. M. J. | Æ | D |
|---|---|---|
| II. | $18^h39^m$ | 108°22′ |
| 54 9-5 | $47^s,33$ G | |
| 55 7-7 | 47,28 G | |
| 60 8-9 | 47,48 G | 37″,3 G |
| 8-16 | 47,42 G | 37,3 G |
| III. | $18^h40^m$ | 108°21′ |
| 70 7-21 | $40^s,13$ M | 44″,9 M |

### 24687 P. — 34948-49 L.

| A. M. J. | Æ | D |
|---|---|---|
| III. | $18^h40^m$ | 47°35′ |
| 80 7-29 | $40^s,38$ G | 29″,9 G |
| 81 7-11 | 40,38 G | |
| 7-17 | 40,46 G | 32,5 G |
| 7-18 | 40,54 G | 32,8 G |
| 7-19 | 40,45 G | 31,6 G |

### 24688 P. — 34960 L.

| A. M. J. | Æ | D |
|---|---|---|
| I. | $18^h39^m$ | 45°16′ |
| 40 8-15 | $48^s,93$ G | |
| 8-16 | 49,03 G | |
| III. | $18^h40^m$ | 45°14′ |
| 80 8-8 | $42^s,28$ G | 20″,2 G |
| 81 7-7 | 42,32 G | 19,1 G |
| 8-4 | 42,14 G | |

### 24689 P. — 34875 L.

| A. M. J. | Æ | D |
|---|---|---|
| II. | $18^h40^m$ | 95°51′ |
| 58 9-5 | $0^s,24$ G | |
| 9-26 | 0,43 G | |
| 60 7-30 | 0,59 G | 5″,0 G |
| 8-17 | 0,64 G | 6,5 F |
| 64 7-21 | 0,51 M | 7,3 M |
| 7-28 | 0,48 M | 7,2 M |
| III. | $18^h40^m$ | 95°50′ |
| 68 9-7 | $48^s,75$ M | 14″,1 M |
| 74 7-27 | 48,49 G | |
| 76 8-5 | 48,63 M | 14,3 M |

### 24690 P. — 34860 L.

| A. M. J. | Æ | D |
|---|---|---|
| II. | $18^h39^m$ | 109°20′ |
| 55 7-13 | $58^s,90$ G | |
| 60 8-10 | 59,03 G | 53″,1 G |
| III. | $18^h40^m$ | 109°19′ |
| 79 7-20 | $51^s,96$ J | 59″,4 J |

### 24691 P. — 34939 et 42 L.

| A. M. J. | Æ | D |
|---|---|---|
| III. | $18^h40^m$ | 55°55′ |
| 81 6-26 | $55^s,41$ J | 3″,2 J |

### 24692 P. — 2653 Gr.

| A. M. J. | Æ | D |
|---|---|---|
| III. | $18^h40^m$ | 51°48′ |
| 69 7-19 | $55^s,98$ M | 47″,5 M |
| 81 7-26 | 56,06 M | 48,5 M |

### 24693 P. — 34894 L.

| A. M. J. | Æ | D |
|---|---|---|
| I. | $18^h39^m$ | 87°33′ |
| 43 5-16 | $26^s,87$ G | |
| II. | $18^h40^m$ | 87°32′ |
| 57 8-7 | $12^s,16$ G | 45″,0 G |
| 58 7-13 | 12,33 G | |
| 59 7-5 | 12,30 G | 45,4 G |
| III. | $18^h40^m$ | 87°31′ |
| 71 7-20 | | 50″,8 G |

### 24694 P.

| A. M. J. | Æ | D |
|---|---|---|
| III. | $18^h40^m$ | 106°7′ |
| 70 6-21 | $57^s,82$ M | 42″,4 M |

### 24695 P. — 34893 L.

| A. M. J. | Æ | D |
|---|---|---|
| II. | $18^h40^m$ | 88°24′ |
| 57 8-18 | $12^s,77$ G | |
| 8-20 [1] | 12,49 G | 36″,1 G |
| 8-21 | 12,51 G | 35,5 G |
| 59 7-21 | 12,39 G | 34,5 G |
| 8-23 | 12,65 G | |

[1] D augmentée de 1′.

### 24696 P. — 34902 L.

| A. M. J. | Æ | D |
|---|---|---|
| I. | $18^h39^m$ | 80°44′ |
| 40 8-29 | $32^s,61$ G | |
| II. | $18^h40^m$ | 80°43′ |
| 56 7-3 | $15^s,42$ G | |
| 7-15 | 15,53 G | |
| 57 5-27 | | 38″,4 G |
| 59 8-25 | 15,47 G | |
| 63 7-29 | 15,38 M | 41,6 M |

### 24697 P. — 34950 L.

| A. M. J. | Æ | D |
|---|---|---|
| III. | $18^h40^m$ | 53°33′ |
| 74 8-22 | $58^s,91$ M | 46″,6 M |
| 75 7-19 | 59,14 M | 46,7 M |
| 7-26 | 59,01 M | 47,5 M |
| 76 7-26 | 59,03 M | 46,3 M |
| 8-1 | 58,97 M | 46,5 M |
| 8-3 | 58,95 M | 46,2 M |

### 24698 P. — 34906-07 L.

| A. M. J. | Æ | D |
|---|---|---|
| II. | $18^h40^m$ | 77°35′ |
| 58 7-12 | | 34″,1 G |
| 59 7-10 | $20^s,40$ G | 33,5 G |
| III. | $18^h41^m$ | 77°34′ |
| 71 7-20 | $2^s,24$ M | 40″,5 M |
| 7-20 | 1,86 G | |
| 8-16 | 2,22 G | |
| 9-2 | 1,85 G | |

### 24699 P. — 34931-32 L.

| A. M. J. | Æ | D |
|---|---|---|
| II. | $18^h40^m$ | 63°29′ |
| 57 8-24 [1] | $25^s,81$ G | 6″,6 G |
| 58 6-30 | 25,98 G | |
| 8-6 | 26,04 G | |
| 8-28 | 25,72 G | 6,3 G |
| 61 7-9 | | 5,7 G |
| III. | $18^h41^m$ | 63°28′ |
| 70 7-16 | $2^s,23$ G | 12″,1 G |
| 7-22 | 2,13 G | 12,1 G |
| 7-29 [2] | 2,16 G | 12,5 G |
| 8-6 | 2,20 G | 12,1 G |

[1] D diminuée de 10′.
[2] D diminuée de 5″ : erreur de 10″ sur l'un des deux microscopes lus.

### 24700 P. — 34881 L.

| A. M. J. | Æ | D |
|---|---|---|
| II. | $18^h40^m$ | 100°17′ |
| 54 9-7 | $17^s,27$ G | |
| 61 7-18 | 17,40 G | |
| 62 6-23 | 17,33 G | 16″,1 G |
| 67 7-30 | 17,21 M | 16,2 M |

### 24701 P. — 34977 L.

| A. M. J. | Æ | D |
|---|---|---|
| III. | $18^h41^m$ | 47°29′ |
| 80 8-26 | $7^s,39$ G | 8″,2 G |
| 9-3 | 7,21 G | 8,5 G |

### 24702 P. — 34910-11 L.

| A. M. J. | Æ | D |
|---|---|---|
| II. | $18^h40^m$ | 77°37′ |
| 59 7-10 | $29^s,44$ G | 50″,4 G |
| III. | $18^h41^m$ | 77°36′ |
| 71 7-31 | $11^s,26$ G | |
| 8-12 | 11,44 G | 58″,7 G |

### 24703 P. — 34925 L.

| A. M. J. | Æ | D |
|---|---|---|
| II. | $18^h40^m$ | 71°26′ |
| 57 6-6 | | 24″,6 G |
| 60 6-23 | $32^s,96$ G | 27,9 G |
| 67 8-12 | 32,83 M | 26,3 M |
| 8-13 | 32,89 M | 26,6 M |

### 24704 P. — 12275 Bonn.

| A. M. J. | Æ | D |
|---|---|---|
| III. | $18^h41^m$ | 47°37′ |
| 81 7-11 [1] | | 8″,2 G |

[1] D augmentée de 0″,5 : erreur de réduct. (*Voir* 23954 P).

### 24705 P. — 34935 L.

| A. M. J. | Æ | D |
|---|---|---|
| II. | $18^h40^m$ | 65°41′ |
| 58 7-17 | $36^s,61$ G | 39″,0 G |
| III. | $18^h41^m$ | 65°40′ |
| 70 7-25 | $13^s,94$ G | 45″,7 G |
| 73 7-15 | 13,81 G | 44,3 G |

### 24706 P. — 34967 et 69 L.

| A. M. J. | Æ | D |
|---|---|---|
| III. | $18^h41^m$ | 55°36′ |
| 79 8-11 | $18^s,17$ G | 47″,8 G |

### 24707 P. — 1239 $W_2$.

| A. M. J. | Æ | D |
|---|---|---|
| III. | $18^h41^m$ | 56°1′ |
| 81 7-1 | $18^s,40$ J | 6″,8 J |

### 24708 P. — 34903 L.

| A. M. J. | Æ | D |
|---|---|---|
| II. | $18^h40^m$ | 90°23′ |
| 56 7-26 | $33^s,57$ G | 13″,6 G |
| 57 7-31 | 33,22 G | 14,5 G |
| III. | $18^h41^m$ | 90°22′ |
| 69 7-27 | $19^s,64$ M | 19″,9 M |
| 8-4 | 19,45 M | 20,4 M |

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### 24709 P. — 34905 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 18h40m | 88°22' |
| 57 8-20 | 34s,65 G | |
| 8-21 | 34,41 G | 53",3 G |
| 59 8-23 | 34,72 G | 54,7 G |
| III. | 18h41m | 88°22' |
| 71 8-5 | 20s,11 M | 0",8 M |

### 24710 P. — 25709 Gould.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 18h39m | 116°34' |
| 41 8-6 | 30s,25 G | |

### 24711 P. — 34895-96 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 18h40m | 101°32' |
| 54 9-2 | 32s,56 G | |
| 59 7-17 | | 24",6 G |
| III. | 18h41m | 101°31' |
| 68 7-17 | 22s,77 M | 31",3 M |
| 70 7-22 | 22,70 M | 32,5 M |

### 24712 P. — 34884 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 18h39m | 108°46' |
| 40 7-27 | 40s,19 G | |
| II. | 18h40m | 108°45' |
| 55 6-12 | 33s,07 G | |
| 57 7-20 | 33,21 G | 6",5 G |
| 67 7-19 | 33,10 M | 7,1 M |
| III. | 18h41m | 108°44' |
| 78 8-2 | 25s,84 G | 14",2 G |
| 8-6 | 25,94 G | 14,7 G |

### 24713 P. — 34882 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 18h39m | 110°19' |
| 40 8-3 | 39s,30 G | |
| II. | 18h40m | 110°18' |
| 55 7-20 | 32s,69 G | 17",9 G |
| III. | 18h41m | 110°17' |
| 79 8-11 | 26s,06 J | 22",8 J |
| 8-12 | 26,04 J | 22,8 J |

### 24714 P. — 34889 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 18h40m | 108°47' |
| 55 7-17 | 36s,57 G | 0",8 G |
| 57 7-20 | 36,63 G | |
| III. | 18h41m | 108°46' |
| 78 8-7 | 29s,28 G | |
| 79 6-25 | 29,18 J | 4",7 J |
| 7-28 | 29,13 J | 7,2 J |

### 24715 P. — 35000 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 18h41m | 43°59' |
| 80 8-3 | 29s,61 G | 42",7 G |
| 8-5 | 29,80 G | 43,2 G |
| 81 7-30 | 29,82 G | |

### 24716 P. — 34941 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 18h40m | 71°59' |
| 37 6-19 | | 12",6 F |
| 6-21 | 10s,77 G | |
| 6-24[1] | 10,76 G | 12,0 F |
| 8-7 | 10,48 G | |
| 40 9-10 | | 12,1 F |
| 41 7-6 | 10,69 G | |
| 46 7-12 | 10,61 G | |
| 7-13 | 10,50 G | |
| 7-27 | 10,74 G | |
| 7-28 | 10,64 G | |
| 52 8-5 | 10,66 G | |
| II. | 18h40m | 71°58' |
| 58 8-9 | | 16",9 G |
| 9-12 | 50s,10 G | 17,7 G |
| 60 7-5 | 50,20 G | |
| III. | 18h41m | 71°57' |
| 71 8-10 | 30s,00 G | 22",3 G |

[1] Erreur dans la décl. approchée (—6"9) inscrite comme correspondant à l'observation d'ascension droite (dist. des fils).

### 24717 P. — 34957 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 18h41m | 64°35' |
| 73 7-17 | | 37",4 G |
| 8-4 | 30s,52 G | |
| 75 7-28 | 30,54 G | 37,2 G |
| 8-9 | 30,64 G | 37,3 G |

### 24718 P. — 34966 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 18h41m | 65°45' |
| 58 7-16 | 2s,53 G | |

### 24718 P. (suite).

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 18h41m | 65°44' |
| 70 7-18 | 39s,97 G | 45",5 G |
| 7-19 | 39,93 G | |
| 71 8-26 | 40,06 M | 46,8 M |
| 8-26 | 39,77 G | |
| 74 7-20 | 40,19 M | 45,5 M |

### 24719 P. — 34995 et 35015 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 18h40m | 48°45' |
| 40 8-8 | 44s,02 G | 24",9 F |
| III. | 18h41m | 48°43' |
| 80 7-13 | 41s,41 G | 35",8 G |
| 8-9 | 41,42 G | 35,3 G |
| 8-26 | 41,33 J | 36,4 J |
| 81 7-21 | 41,48 G | 36,4 G |

### 24720 P. — 34951 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 18h41m | 73°14' |
| 58 9-11 | | 26",7 G |
| III. | 18h41m | 73°13' |
| 71 7-5 | 45s,32 G | 30",8 G |
| 8-27 | 45,30 G | |

### 24721 P. — 34943 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 18h41m | 80°53' |
| 58 6-7 | 3s,63 G | |
| 7-2 | 3,85 G | 11",8 G |
| 62 8-6 | 4,09 G | 11,2 G |

### 24722 P. — 34976 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 18h41m | 62°40' |
| 57 5-16 | 10s,65 G | |
| 58 9-10 | | 1",0 G |
| III. | 18h41m | 62°39' |
| 70 7-20 | 46s,61 G | 7",0 G |

### 24723 P. — 34891-92 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 18h40m | 117°16' |
| 55 7-21 | 52s,28 G | 42",2 G |
| III. | 18h41m | 117°15' |
| 79 8-10 | 48s,18 J | 47",6 J |

### 24724 P. — 34956 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 18h40m | 74°39' |
| 40 8-20 | | 7",9 F |
| II. | 18h41m | 74°38' |
| 56 6-25 | | 13",4 G |
| III. | 18h41m | 74°37' |
| 79 6-26 | 50s,55 G | |
| 7-10 | 50,47 G | 19",9 G |
| 80 7-27 | 50,25 G | 21,0 G |

### 24725 P. — 34898 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 18h40m | 114°41' |
| 55 7-2 | 56s,40 G | |
| III. | 18h41m | 114°40' |
| 80 8-8 | 51s,57 M | 43",5 M |
| 81 7-11 | 51,34 M | 45,7 M |

### 24726 P. — 34909 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 18h41m | 104°3' |
| 54 8-25 | 3s,16 G | |
| 57 8-29 | | 22",6 G |
| 67 7-29 | 3,22 M | 21,6 M |

### 24727 P. — 34961 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 18h40m | 76°43' |
| 40 8-20 | 33s,72 G | |
| II. | 18h41m | 76°42' |
| 56 7-16 | | 26",1 G |
| 7-25 | 15s,14 G | |
| 57 5-7[1] | 15,10 G | |
| III. | 18h41m | 76°41' |
| 71 7-21 | 56s,62 M | |
| 7-28 | 56,61 M | 33",1 M |
| 7-28 | 56,53 G | |

[1] 𝒜 diminuée de 0s,60 : erreur de 1s sur trois fils.

### 24728 P. — 34929 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 18h40m | 96°10' |
| 37 6-25 | 21s,60 G | 21",3 F |
| 7-3 | 21,27 G | |
| 41 8-20 | 21,55 G | |
| 43 7-18 | 21,35 G | |
| 7-20 | 21,42 G | |

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#### 24728 P. (suite).

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 18h 41m | 96° 9′ |
| 56 | 6-28 | 9s,72 G | |
| | 7-28 | | 26″,7 G |
| 57 | 6-14 | 9,55 G | |
| 59 | 6- 3 | 9,63 G | |
| 61 | 8- 4 | 9,75 G | |
| | III. | 18h 41m | 96° 8′ |
| 74 | 7- 6 | 57s,61 G | |
| | 7- 8 | 57,66 G | |
| | 7-13 | 57,82 G | |

#### 24729 P. — 34947 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 18h 41m | 83° 29′ |
| 57 | 6- 4 | 13s,79 G | |
| | 8- 6 | | 28″,8 G |
| | III. | 18h 41m | 83° 28′ |
| 71 | 8- 7 | 57s,84 M | 36″,6 M |

#### 24730 P. — 1034 W1.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | III. | 18h 41m | 81° 51′ |
| 71 | 8-11 [1] | 59s,34 M | 41″,5 M |

[1] 𝒟 augm. de 5″.

#### 24731 P. — 34980 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | III. | 18h 42m | 65° 44′ |
| 74 | 8-19 | 0s,09 M | 57″,9 M |
| 75 | 7-29 | 0,35 M | 58,6 M |
| | 7-31 | 0,31 M | 58,7 M |
| 76 | 7-19 | 0,26 M | 58,5 M |
| | 8- 4 | 0,27 M | 57,8 M |
| 81 | 7- 2 | 0,49 J | 57,4 J |

#### 24732 P. — 34963 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 18h 41m | 78° 59′ |
| 57 | 7-18 | 19s,05 G | |
| 58 | 7-26 | 19,07 G | 12″,1 G |
| | 8- 3 | 19,29 G | |
| | 9- 8 | | 11,5 F |
| | 9-25 | | 13,1 G |

#### 24733 P. — 9228 Cambridge.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 18h 41m | 62° 41′ |
| 57 | 5-16 | 26s,27 G | |

#### 24734 P. — 34965 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 18h 41m | 79° 0′ |
| 58 | 7-26 | 21s,46 G | |
| | 8- 3 | 21,95 G | 52″,0 G |
| | 9-25 | | 48,0 G |

#### 24735 P. — 34938 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 18h 41m | 93° 15′ |
| 56 | 7-31 | 17s,39 G | |
| | 8- 2 | | 30″,4 G |
| 64 | 7-27 | 17,50 M | 30,0 M |
| | III. | 18h 42m | 93° 14′ |
| 76 | 8- 4 | 4s,52 G | |
| 78 | 7-13 | 4,57 M | 36″,2 M |
| | 7-23 | 4,53 G | |

#### 24736 P. — 5086 Sf. — 18h.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 18h 41m | 108° 26′ |
| 60 | 8- 9 | 13s,32 G | 6″,9 G |

#### 24737 P. — 34964 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 18h 41m | 82° 1′ |
| 57 | 7-21 | 24s,56 G | 49″,2 G |
| 63 | 8-10 | 24,62 M | 50,6 M |

#### 24738 P. — 34974 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 18h 41m | 74° 34′ |
| 67 | 8- 7 | 29s,22 M | 52″,3 M |
| | III. | 18h 42m | 74° 33′ |
| 71 | 7-17 [1] | 9s,80 G | 57″,7 G |

[1] 𝒟 diminuée de 4″,4 : err. de réduct. (*Voir* 23527 P.)

#### 24739 P. — 34988 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | III. | 18h 42m | 65° 29′ |
| 70 | 7-23 | 11s,76 G | 27″,6 G |
| 75 | 8- 9 | 11,83 M | 29,4 M |
| 76 | 8- 7 | 11,76 M | 28,8 M |
| | 8- 8 | 11,80 M | 29,6 M |

#### 24740 P. — 34996 et 35016 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | I. | 18h 41m | 48° 43′ |
| 39 | 8-24 | | 19″,4 F |
| 40 | 8- 8 | 15s,88 G | 16,7 F |

#### 24740 P. (suite).

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | III. | 18h 42m | 48° 41′ |
| 80 | 8-10 | 12s,89 G | 27″,6 G |
| | 8-30 | 13,43 G | 29,7 G |

#### 24741 P. — 34916 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 18h 41m | 109° 17′ |
| 54 | 8-27 | 21s,08 G | |
| 60 | 9-12 | | 46″,0 G |
| | III. | 18h 42m | 109° 16′ |
| 78 | 8- 9 | 14s,07 G | 52″,4 G |

#### 24742 P. — 34970 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 18h 41m | 81° 48′ |
| 57 | 8- 3 | 31s,07 G | |
| 58 | 9-13 | | 19″,6 G |
| | III. | 18h 42m | 81° 47′ |
| 74 | 7-29 | 14s,32 M | 24″,3 M |
| | 7-30 | 14,36 M | 24,7 M |
| | 7-31 | 14,24 M | 25,3 M |

#### 24743 P. — 34917 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 18h 41m | 109° 3′ |
| 54 | 8-28 | 21s,42 G | |
| | III. | 18h 42m | 109° 2′ |
| 75 | 7-20 | 14s,62 G | 49″,1 G |
| | 7-23 | 14,85 G | 47,7 G |
| | 7-29 | 14,61 G | 48,1 G |

#### 24744 P. — 1270 W2.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | I. | 18h 41m | 56° 52′ |
| 40 | 8-17 | 8s,32 G | |
| 47 | 5-13 | 8,47 G | |
| | II. | 18h 41m | 56° 51′ |
| 61 | 7-15 | 41s,58 G | 53″,8 G |
| | 8- 9 | 41,67 G | |

#### 24745 P. — 34923 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 18h 41m | 106° 52′ |
| 54 | 8-29 | 23s,01 G | |
| 58 | 9-24 | | 35″,4 F |
| 59 | 8-16 | | 35,7 G |
| | III. | 18h 42m | 106° 51′ |
| 79 | 7-29 | 14s,97 J | 41″,6 J |
| | 8- 2 | 14,81 J | |

#### 24746 P. — 34915 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | I. | 18h 40m | 110° 29′ |
| 39 | 9- 9 | 28s,23 G | |
| 40 | 7-14 | 28,29 G | |
| 41 | 8-27 | 28,13 G | |
| | 8-28 | 28,25 G | |
| | 8-30 | 27,97 G | |
| | 8-31 | 28,03 G | |
| | 9-10 | 27,94 G | |
| | 9-11 | 27,96 G | |
| | 9-19 | 28,21 G | |
| 46 | 8- 9 | 28,19 G | |
| | 9-11 | 28,11 G | |
| 47 | 5-31 | 28,05 G | |
| | 8-21 | | 42″,1 G |
| | 8-25 | 27,98 G | |
| | 8-28 | 28,10 G | |
| 50 | 5-28 | | 41,9 G |
| 52 | 7-22 | 28,13 G | |
| | II. | 18h 41m | 110° 28′ |
| 54 | 8-20 | 21s,61 G | |
| 60 | 9-12 | 21,15 G | |
| | III. | 18h 42m | 110° 27′ |
| 79 | 8-20 | 15s,09 J | 52″,4 J |
| 80 | 8- 3 | 15,05 M | 50,4 M |
| | 8- 4 | 15,14 M | 51,9 M |
| 81 | 8- 6 | 14,92 M | 50,5 M |
| | 8- 6 | 15,01 G | 51,9 G |
| | 8- 6 | 14,95 J | 52,9 J |
| | 8- 7 | 15,08 G | 51,0 G |

#### 24747 P. — 34936 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 18h 41m | 101° 7′ |
| 55 | 8-11 | 28s,94 G | |
| 61 | 7-19 | 29,01 G | 36″,6 G |
| | III. | 18h 42m | 101° 6′ |
| 78 | 9- 2 [1] | 18s,85 M | 42″,8 M |

[1] 𝒟 augmentée de 1″.

#### 24748 P. — 35014 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 18h 41m | 51° 47′ |
| 67 | 8-10 | | 42″,2 G |
| | 8-13 [1] | 49s,08 G | 43,5 G |
| | III. | 18h 42m | 51° 46′ |
| 74 | 8-20 | 19s,63 M | 48″,6 M |

[1] 𝒜 dim. de 1m : erreur de réduct.

#### 24749 P. — 17544 Mn1.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 18h 41m | 100° 23′ |
| 61 | 7-18 | 32s,52 G | |

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**24750 P. — 35024 et 26 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | III. | |
| | | $18^h 42^m$ | 48°26′ |
| 81 | 7- 1 | | 42″,1 G |

**24751 P. — 34944 et 46 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | II. | |
| | | $18^h 41^m$ | 101°56′ |
| 54 | 9- 6 | $37^s,77$ G | |
| | | III. | |
| | | $18^h 42^m$ | 101°55′ |
| 79 | 8-16 | $28^s,04$ J | 37″,3 J |
| | 8-17 | 28,03 J | 37,1 J |

**24752 P. — 34989 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | I. | |
| | | $18^h 41^m$ | 58°45′ |
| 41 | 9- 8 | $20^s,31$ G | |
| | | III. | |
| | | $18^h 42^m$ | 58°43′ |
| 68 | 8-13 | | 48″,0 G |
| 75 | 8-11 | $28^s,72$ G | 48,0 G |
| | 8-16 | 28,57 G | 48,2 G |

**24753 P. — 34953 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | II. | |
| | | $18^h 41^m$ | 98°27′ |
| 56 | 7- 5 | | 53″,7 G |
| 57 | 8- 2 | $42^s,67$ G | 52,8 G |
| | 8-13 | 42,58 G | |
| | 9-16 | 42,54 G | 55,2 G |
| | | III. | |
| | | $18^h 42^m$ | 98°26′ |
| 68 | 9- 8 | $31^s,65$ M | 59″,5 M |
| 74 | 7-14 | 31,59 G | 59,0 G |
| | 7-15 | 31,62 G | 59,1 G |
| | 7-18 | 31,45 G | 62,2 G |
| | 7-20 | 31,37 G | 59,7 G |

**24754 P. — 34928 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | II. | |
| | | $18^h 41^m$ | 114°47′ |
| 57 | 6-29 | $36^s,98$ G | 39″,5 G |
| | | III. | |
| | | $18^h 42^m$ | 114°46′ |
| 79 | 8- 2 | $32^s,06$ M | 44″,7 M |

**24755 P. — 34999 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | III. | |
| | | $18^h 42^m$ | 69°12′ |
| 73 | 7-18 | $34^s,37$ G | 6″,4 G |
| 79 | 8-12 | 34,32 G | 5,0 G |

**24756 P. — 34986 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | II. | |
| | | $18^h 41^m$ | 79°23′ |
| 56 | 8-14 | $52^s,23$ G | |
| 58 | 5-29 | | 23″,1 G |
| | | III. | |
| | | $18^h 42^m$ | 79°22′ |
| 71 | 8-28 | $34^s,59$ G | |

**24757 P. — 35008 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | III. | |
| | | $18^h 42^m$ | 65°46′ |
| 81 | 7-11 | $36^s,63$ J | 32″,0 J |

**24758 P. — 35012 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | III. | |
| | | $18^h 42^m$ | 62°33′ |
| 70 | 7- 5 | $37^s,44$ G | |
| 75 | 7-23 | 37,21 M | 59″,9 M |
| 76 | 8-10 | 37,24 M | 58,6 M |

**24759 P. — 4093 Romberg.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | III. | |
| | | $18^h 42^m$ | 79°21′ |
| 71 | 8-28 [1] | | 12″,0 G |

[1] 𝒫 augmentée de 1′.

**24760 P. — 34958 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | II. | |
| | | $18^h 41^m$ | 100°32′ |
| 54 | 9- 9 | $48^s,03$ G | |
| 58 | 9- 9 | 48,07 G | |
| 59 | 7-11 | 48,06 G | 1″,0 G |
| | | III. | |
| | | $18^h 42^m$ | 100°31′ |
| 78 | 8-16 | $37^s,79$ G | 6″,4 G |

**24761 P. — 35002 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | III. | |
| | | $18^h 42^m$ | 70°1′ |
| 71 | 7-16 | $37^s,79$ G | |
| | 8- 9 | 38,18 M | 24″,4 M |
| | 8- 9 | 37,88 G | 25,8 G |
| | 9- 5 | 38,06 G | |

**24762 P. — 34933 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | II. | |
| | | $18^h 41^m$ | 113°0′ |
| 57 | 8-12 | $44^s,31$ G | 11″,9 G |
| 59 | 9- 5 | | 12,0 G |

**24763 P. — 35042 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | I. | |
| | | $18^h 41^m$ | 46°36′ |
| 40 | 8-29 | | 12″,8 F |
| | 8-31 | | 14,3 F |

**24764 P. — 35020 et 22 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | II. | |
| | | $18^h 42^m$ | 56°3′ |
| 66 | 7-20 | $9^s,18$ G | 8″,1 G |
| | 7-21 [1] | 9,20 G | 7,5 G |
| | | III. | |
| | | $18^h 42^m$ | 56°2′ |
| 68 | 7-30 | $41^s,99$ G | 13″,1 G |
| 75 | 7-19 | 42,12 G | 11,9 G |

[1] 𝒫 diminuée de 10″ : erreur de réd.

**24765 P. — 35027 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | II. | |
| | | $18^h 42^m$ | 54°16′ |
| 66 | 7-25 | $9^s,91$ G | 32″,8 G |
| | | III. | |
| | | $18^h 42^m$ | 54°15′ |
| 81 | 7-13 | $42^s,15$ J | 35″,0 J |
| | 7-18 | 42,17 J | 35,2 J |

**24766 P. — 34987 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | II. | |
| | | $18^h 41^m$ | 82°12′ |
| 57 | 7-19 | $59^s,26$ G | 58″,5 G |
| | 7-27 | 59,19 G | |
| | | III. | |
| | | $18^h 42^m$ | 82°12′ |
| 70 | 6-29 | $42^s,85$ M | |
| 71 | 8-10 [1] | 42,66 M | 3″,3 M |

[1] L'obs. de 𝒫 supprimée à tort au vol. des observ. de 1871, doit être rétablie; elle donne
Lect. = 82° 11′ 25″,8; Micr. = 20t 2P, 8;
Lc = 11′23″,0; Réfr. = + 48″,5;
Dist. appar. au pôle Nord = 82° 12′ 10″,0;
Réduct. à janv. 0 = + 8″,1.

**24767 P. — 34998 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | I. | |
| | | $18^h 41^m$ | 47°46′ |
| 37 | 6- 5 [1] | $22^s,13$ G | |
| 40 | 7-17 | | 24″,5 F |
| | 8-20 | | 24,8 F |
| | | II. | |
| | | $18^h 42^m$ | 74°45′ |
| 57 | 9- 8 | $2^s,67$ G | |
| 59 | 8-28 | 2,62 G | 31″,0 G |
| | | III. | |
| | | $18^h 42^m$ | 74°44′ |
| 79 | 7-29 | $43^s,31$ G | 34″,4 G |

[1] Æ augmentée de 8s : err. de moy.

**24768 P. — 34981-82 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | II. | |
| | | $18^h 42^m$ | 91°8′ |
| 55 | 8-13 | $1^s,70$ G | |
| 57 | 8-11 | | 8″,5 G |
| | 8-27 | | 7,7 G |
| | | III. | |
| | | $18^h 42^m$ | 91°7′ |
| 68 | 9- 3 | $48^s,29$ M | 12″,6 M |
| | 9- 9 | 48,08 M | 13,1 M |
| 69 | 7-26 | 48,26 M | 13,6 M |
| | 7-29 | 48,15 M | 12,2 M |
| | 7-29 | | 12,9 G |
| | 7-30 | 48,34 M | 13,7 M |
| 76 | 7-19 | 48,21 G | 13,1 G |
| | 7-26 | 48,05 G | 13,5 G |
| | 8- 1 | 48,10 G | 12,1 G |

**24769 P. — 3658 A + 12°.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | II. | |
| | | $18^h 42^m$ | 77°39′ |
| 59 | 7-10 | $8^s,92$ G | |

**24770 P. — 34940 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | II. | |
| | | $18^h 41^m$ | 116°55′ |
| 59 | 8- 3 | | 32″,9 G |
| 60 | 7-15 [1] | $54^s,57$ G | |
| | | III. | |
| | | $18^h 42^m$ | 116°54′ |
| 79 | 7- 9 | $50^s,59$ J | 38″,2 J |
| | 8-25 | 50,52 J | 38,2 J |

[1] Indiquée à tort au tome XVI comme 34933 L (dist. des fils).

**24771 P. — 1050 $W_1$.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | III. | |
| | | $18^h 42^m$ | 103°24′ |
| 70 | 7-21 | $59^s,31$ M | 44″,2 M |

**24772 P. — 35034 et 36 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | III. | |
| | | $18^h 42^m$ | 55°52′ |
| 81 | 7-19 | $59^s,34$ J | 55″,2 J |
| | 7-21 | 59,41 J | 56,3 J |
| | 7-28 | 59,41 J | 56,6 J |
| | 8- 5 | 59,11 J | 56,3 J |

**24773 P. — 34984 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | I. | |
| | | $18^h 41^m$ | 96°5′ |
| 37 | 7- 5 | $23^s,24$ G | |
| 41 | 8-13 | 23,33 G | |
| | 8-14 | 23,30 G | |
| | 8-16 | 23,04 G | |
| | 8-18 | 23,33 G | |
| | 8-19 | 23,28 G | |
| | 8-22 | 23,24 G | |
| | 8-24 | 23,34 G | |

Dates 1800+ — Positions moyennes pour les époques du Catal.

### 24773 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **II.** | |
| | | 18h42m | 96°4' |
| 57 | 7-13 | 11s,23 G | |
| | 8-10 | 11,43 G | 3",5 G |
| | 8-25 | 11,56 G | 2,2 G |
| | 8-28 | | 3,6 G |
| 58 | 7-30 | 11,44 G | 2,3 G |
| | 9-8 [1] | 11,46 G | 2,3 G |
| 59 | 6-3 | 11,70 G | |
| 65 | 7-28 [2] | 11,52 M | |
| | | **III.** | |
| | | 18h42m | 96°3' |
| 74 | 7-21 | 59s,47 G | 10",4 G |
| | 7-27 | 59,59 G | |
| | 8-21 | 59,56 G | 8,5 G |

[1] 𝒫 augmentée de 3" : err. de réduct.
[2] Inscrite au t. XXI comme 34839 L. : l'obs. a été faite sur le même calage que celle de 34834 L.

### 24774 P. — 34975 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **II.** | |
| | | 18h42m | 103°25' |
| 55 | 6-26 | 10s,12 G | |
| 59 | 7-23 | | 29",3 G |

### 24775 P. — 34985 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **II.** | |
| | | 18h42m | 96°5' |
| 57 | 7-13 | 12s,37 G | |
| | 8-25 | 12,68 G | |
| 59 | 6-3 | 12,72 G | |
| | | **III.** | |
| | | 18h43m | 96°5' |
| 74 | 8-22 | 0s,87 G | 0",5 G |
| | 8-26 | 0,89 G | 1,6 G |
| | 9-1 | | 0,5 G |
| 75 | 7-15 | 0,88 G | 0,8 G |
| | 8-25 | 0,95 G | |

### 24776 P. — 35048 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **III.** | |
| | | 18h43m | 51°46' |
| 81 | 8-4 | 1s,02 J | 29",0 J |
| | 8-14 | 1,14 J | 30,4 J |

### 24777 P. — 6668 Berlin B.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **I.** | |
| | | 18h41m | 66°39' |
| 40 | 7-21 | 47s,84 G | |
| | 7-22 [1] | 47,82 G | |

[1] Erreur de 4s dans la déclin. approchée inscrite au t. III (distance des fils).

### 24778 P. — 34971 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **II.** | |
| | | 18h42m | 112°25' |
| 58 | 8-4 | 14s,50 G | 23",0 G |
| | | **III.** | |
| | | 18h43m | 112°24' |
| 79 | 8-11 | 8s,65 M | 28",2 G |

### 24779 P. — 35019 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **III.** | |
| | | 18h43m | 69°18' |
| 70 | 7-16 | 10s,87 G | 5",4 G |
| | 7-22 | 10,85 G | 5,4 G |
| | 7-29 | 10,96 G | 5,3 G |
| 73 | 7-15 | 10,74 G | 6,1 G |
| | 8-4 | 10,75 G | |

### 24780 P. — 35045 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **I.** | |
| | | 18h42m | 58°24' |
| 37 | 8-8 | | 43",0 F |
| | | **II.** | |
| | | 18h42m | 58°23' |
| 67 | 8-9 | 40s,48 G | 46",3 G |
| | | **III.** | |
| | | 18h43m | 58°22' |
| 68 | 8-1 | 14s,13 G | |
| | 8-4 | | 49",9 G |
| | 8-7 | 14,20 G | |

### 24781 P. — 35023 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **II.** | |
| | | 18h42m | 70°20' |
| 58 | 6-3 | 35s,07 G | 40",7 G |
| 59 | 7-17 | 34,87 G | |
| | | **III.** | |
| | | 18h43m | 70°19' |
| 71 | 8-7 | 14s,12 G | 44",4 G |

### 24782 P. — 35005 et 07 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **II.** | |
| | | 18h42m | 89°19' |
| 57 | 5-19 | 29s,07 G | 3",9 G |
| 63 | 6-21 | 29,20 M | |
| | 7-9 | 29,28 G | |
| | 7-11 | 29,30 G | |
| | 7-13 | 29,27 G | |
| | 7-15 | 29,31 G | |
| | 7-17 | 29,38 G | |
| | 7-24 | 29,19 M | 7,0 M |
| | 7-24 | 29,31 G | |
| | 7-30 | 29,34 G | |
| | 7-31 | 29,35 G | |
| | 8-6 | 29,32 G | |
| | 8-8 | 29,24 G | |
| | 8-9 | 29,23 G | |
| | 8-10 | 29,20 G | |
| | 8-17 | 29,11 G | |
| | 8-25 | 29,20 G | |
| 64 | 6-13 | 29,38 G | |
| | 7-11 | 29,40 G | |
| | 7-29 | 29,26 G | |
| | 7-30 | 29,20 G | |
| | 8-3 | 29,21 G | |
| | 8-6 | 29,21 G | |
| | 8-7 | 29,34 G | |
| | 8-8 | 29,40 G | |
| | 8-11 | 29,31 G | |
| | 8-16 | 29,36 G | |
| | 8-24 | 29,36 G | |
| | 8-28 | 29,44 G | |
| | 8-29 | 29,28 G | |

### 24782 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **III.** | |
| | | 18h43m | 89°18' |
| 72 | 7-1 | 14s,95 G | |
| | 7-3 | 15,02 G | 11",4 G |
| | 7-4 | 15,06 G | |
| | 7-5 | 15,11 G | |
| | 7-9 | 15,22 G | |
| | 7-16 | 14,98 G | |
| | 7-19 | 15,01 G | |
| | 7-20 | 15,08 M | 10,4 M |
| | 7-20 | 15,03 G | |
| | 7-21 | 15,02 G | |
| | 7-22 | 15,06 G | |
| 75 | 8-11 | 15,10 M | 11,7 M |
| | 8-16 | 15,07 M | 11,9 M |
| 76 | 8-9 | 14,92 M | 12,2 M |

### 24783 P. — 34979 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **I.** | |
| | | 18h41m | 112°19' |
| 39 | 7-3 | 31s,55 G | |
| | 7-5 | | 62",2 F |
| | 7-27 [1] | 31,43 G | |
| | 7-28 | 31,32 G | 61,9 F |
| 46 | 6-28 | 31,13 G | |
| | 6-29 | 31,27 G | |
| | 7-1 [2] | | 64,0 G |
| | 7-2 | 31,26 G | |
| | 7-3 | 31,01 G | |
| | 7-22 | 31,55 G | |
| 47 | 8-30 | 31,39 G | |
| 49 | 6-27 | 31,44 G | |
| | 6-28 [3] | | 56,6 G |
| 50 | 8-18 | | 62,4 G |
| | 9-4 | | 65,7 F |
| 53 | 6-27 | 31,31 G | |
| | 6-28 | 31,14 G | |
| | | **II.** | |
| | | 18h42m | 112°19' |
| 55 | 7-12 | 25s,49 G | 5",2 G |

[1] 𝒜 augmentée de 1m.
[2] 𝒫 augmentée de 1' : err. de réduct.
[3] 𝒫 non comprise dans la moyenne.

### 24784 P. — 35003 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **II.** | |
| | | 18h42m | 96°8' |
| 57 | 7-10 | | 7",8 G |
| 59 | 7-12 | 36s,91 G | 9,5 G |
| | | **III.** | |
| | | 18h43m | 96°7' |
| 79 | 8-12 | 24s,79 M | 13",2 M |

### 24785 P. — 35072 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **I.** | |
| | | 18h42m | 43°51' |
| 40 | 8-31 | 34s,76 G | |

### 24786 P. — 35032 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **I.** | |
| | | 18h42m | 70°50' |
| 37 | 8-7 | 7s,80 G | |
| | | **II.** | |
| | | 18h42m | 70°49' |
| 57 | 8-5 | | 30",4 G |
| 59 | 8-13 | | 31,9 G |
| 60 | 7-19 | 46s,98 G | 32,4 G |
| | | **III.** | |
| | | 18h43m | 70°48' |
| 79 | 8-16 | 26s,44 G | 32",2 G |

### 24787 P. — 34992 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **I.** | |
| | | 18h41m | 103°44' |
| 39 | 8-19 | 45s,60 G | |
| 41 | 9-11 | | 44",6 F |
| | | **II.** | |
| | | 18h42m | 103°43' |
| 54 | 9-18 | 36s,44 G | |
| 57 | 9-5 | | 46",2 G |
| | | **III.** | |
| | | 18h43m | 103°42' |
| 79 | 7-15 | 27s,33 J | 46",9 J |

### 24788 P. — 35028 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **III.** | |
| | | 18h43m | 75°28' |
| 71 | 8-1 | 29s,45 M | 52",5 M |
| | 8-1 | 29,48 G | |

### 24789 P. — 35011 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **II.** | |
| | | 18h42m | 93°46' |
| 55 | 9-7 | | 34",9 G |
| 57 | 8-9 | 46s,60 G | |
| 58 | 5-26 | 46,57 G | |
| | | **III.** | |
| | | 18h43m | 93°45' |
| 69 | 8-4 | 33s,89 M | 39",9 M |
| 76 | 8-3 | 34,09 G | 41,7 G |
| | 8-11 | 34,17 G | 42,3 G |
| | 8-25 | 34,05 G | 40,6 G |

### 24790 P. — 34990 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | **I** | |
| | | 18h41m | 110°28' |
| 40 | 8-4 [1] | | 4",4 F |
| 41 | 8-30 | 47s,98 G | |
| | 8-31 | 47,98 G | |
| | 9-10 | 48,02 G | |
| | 9-11 | 47,98 G | |
| | 9-19 | 48,14 G | |

**24790 P. (suite).**

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. 𝒜 | 𝒟 |
|---|---|---|
| II. | | |
| | 18h 42m | 110°27' |
| 55 7-19[2] | 41s,51 G | 11",2 G |
| 8-17 | 41,40 G | |
| 59 6-17 | | 7,5 G |
| III. | | |
| | 18h 43m | 110°26' |
| 80 8-4 | 35s,06 M | 14",3 M |

[1] 𝒟 augmentée de 1' : erreur de réd.
[2] 𝒜 augmentée de 10s.

**24791 P. — 35044 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | | |
| | 18h 42m | 68°59' |
| 59 7-26 | 58s,18 G | |
| 60 6-29 | 58,09 G | |
| 7-30 | 58,25 G | 16",7 G |
| III. | | |
| | 18h 43m | 68°58' |
| 70 7-15 | 36s,71 G | |
| 8-6 | 36,70 G | 20",0 G |

**24792 P. — 34983 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | | |
| | 18h 42m | 117°19' |
| 55 7-15 | 41s,64 G | 20",2 G |
| III. | | |
| | 18h 43m | 117°18' |
| 79 7-20 | 38s,11 J | 24",1 J |

**24793 P. — 34993 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | | |
| | 18h 41m | 110°28' |
| 41 8-30 | 54s,61 G | |
| 8-31 | 54,52 G | |
| 9-10 | 54,43 G | |
| 9-11 | 54,38 G | |
| 9-19 | 54,72 G | |
| II. | | |
| | 18h 42m | 110°27' |
| 55 8-17 | 47s,93 G | |
| III. | | |
| | 18h 43m | 110°26' |
| 81 7-4 | 41s,56 M | 32",9 M |
| 7-6 | 41,40 M | 33,5 M |

**24794 P. — 35001 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | | |
| | 18h 42m | 107°56' |
| 54 9-20 | 51s,43 G | |
| 60 8-10 | 51,49 G | 51",6 G |

**24795 P. — 35056 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | | |
| | 18h 43m | 66°5' |
| 57 8-24 | 7s,10 G | 57",5 G |
| 59 6-13[1] | 6,73 G | 58,4 G |
| III. | | |
| | 18h 43m | 66°5' |
| 70 7-18 | 44s,28 G | 0",4 G |
| 7-19 | 44,26 G | 1,3 G |

[1] 𝒟 augmentée de 1'.

**24796 P. — 35029 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | | |
| | 18h 43m | 83°17' |
| 57 7-28 | 1s,77 G | 34",2 G |
| 8-7 | 1,70 G | 34,7 G |
| 8-21 | 1,75 G | 35,6 G |
| 58 7-3 | 1,75 G | 35,4 G |
| 59 7-2 | 1,85 G | |
| 7-5 | 1,82 G | 36,7 G |
| 8-23 | 1,74 G | 36,2 G |

**24797 P. — 35067 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | | |
| | 18h 43m | 56°21' |
| 74 8-22 | 54s,36 M | 59",8 M |
| 75 7-31 | 54,27 G | 59,7 G |

**24798 P. — 35113 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | | |
| | 18h 43m | 37°8' |
| 81 7-18 | 55s,48 G | 55",6 G |

**24799 P. — 35009 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | | |
| | 18h 43m | 107°51' |
| 60 8-10 | 4s,61 G | |

**24800 P. — 35013 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | | |
| | 18h 43m | 103°36' |
| 54 8-31 | 8s,84 G | |
| 57 8-29 | | 13",6 G |
| III. | | |
| | 18h 43m | 103°35' |
| 70 7-20 | 59s,75 M | 18",1 M |
| 7-25 | 59,61 M | 18,6 M |
| 8-18 | 59,63 M | 17,0 M |

**24801 P. — 35021 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | | |
| | 18h 43m | 99°55' |
| 55 8-30 | | 59",0 G |
| 58 9-26 | 16s,41 G | |

**24801 P. (suite).**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | | |
| | 18h 44m | 99°55' |
| 68 8-4 | 5s,79 M | 2",7 M |
| 74 7-6 | 5,97 G | 2,2 G |
| 7-8 | 5,88 G | 1,2 G |
| 7-13 | 5,96 G | 2,1 G |

**24802 P. — 35062 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | | |
| | 18h 43m | 65°6' |
| 58 8-6 | 29s,34 G | |
| 8-28 | 29,43 G | 35",2 G |
| 9-10 | | 34,9 G |
| III. | | |
| | 18h 44m | 65°5' |
| 70 7-20 | 6s,21 G | 38",1 G |

**24803 P. — 35051 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | | |
| | 18h 44m | 79°31' |
| 71 7-20 | 6s,45 G | |
| 75 7-15 | 6,61 M | 36",9 M |
| 7-26 | 6,60 M | 37,5 M |

**24804 P. — 35077 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | | |
| | 18h 44m | 55°41' |
| 81 7-6 | 6s,68 J | 43",0 J |

**24805 P. — 1330 W₁.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | | |
| | 18h 43m | 56°51' |
| 37 9-20 | 6s,22 G | |
| 38 9-7 | 6,19 G | |
| 40 7-14 | 6,26 G | |
| 8-2 | 6,25 G | |
| 8-29[1] | 6,32 G | |
| 41 8-20 | 6,36 G | |
| 45 7-23 | 6,17 G | |
| 7-25 | 6,21 G | |
| 47 5-13 | 6,35 G | |
| 48 6-16 | 6,24 G | |
| 6-24[2] | 6,16 G | |
| 9-19 | 6,13 G | |
| 9-20 | 6,20 G | |
| 9-21 | 6,17 G | |
| 9-22 | 6,31 G | |
| 9-24 | 6,35 G | |
| 9-26 | 6,32 G | |
| 10-6 | | 12",4 G |
| 49 5-30 | 6,29 G | |
| 9-24 | 6,16 G | |
| 9-25 | 6,20 G | |
| II. | | |
| | 18h 43m | 56°50' |
| 56 8-30 | 39s,48 G | |
| 59 7-24[3] | 39,22 G | |
| 7-28[4] | 39,33 G | |
| 8-5 | 39,36 G | |
| 61 7-15 | 39,40 G | 15",5 G |
| 8-9 | 39,38 G | |

**24805 P. (suite).**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | | |
| | 18h 44m | 56°49' |
| 69 7-17[5] | 12s,51 M | 17",6 M |

[1] 𝒜 augmentée de 20s,60 : erreur d'un rang dans l'ordre des fils observés.
[2] 𝒜 augm. de 1m.
[3] 𝒜 augm. de 0s,25 : suppression d'un fil erroné.
[4] 𝒜 augm. de 0s,60 : un fil en erreur de 3s.
[5] 𝒟 augm. de 5" : l'obs. a été faite dans la même position du Cercle que celle de β Lyre.

**24806 P. — 3680 A + 10°.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | | |
| | 18h 44m | 79°31' |
| 71 7-20 | | 17",3 G |

**24807 P. — 35069-70 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | | |
| | 18h 43m | 62°26' |
| 59 9-1 | 39s,13 G | 12",3 G |
| III. | | |
| | 18h 44m | 62°25' |
| 73 7-17 | 14s,86 G | 15",3 G |
| 76 7-14 | | 14,2 G |

**24808 P. — 35122 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | | |
| | 18h 44m | 40°42' |
| 80 7-29 | 15s,72 G | 21",0 G |

**24809 P. — 35061 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | | |
| | 18h 43m | 74°51' |
| 59 8-28 | 40s,60 G | |
| 67 8-19 | 40,60 M | 6",4 M |
| 8-22 | 40,71 M | 6,6 M |

**24810 P. — 35058 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | | |
| | 18h 43m | 82°41' |
| 58 7-1 | | 55",9 G |
| 60 8-4 | 39s,22 G | 56,3 G |
| III. | | |
| | 18h 44m | 82°40' |
| 73 8-1 | 22s,67 M | 59",5 M |
| 8-2 | 22,79 M | 58,2 M |
| 8-4 | 22,66 M | 58,7 M |
| 8-6 | 22,54 M | 58,7 M |

Dates 1800 + — Positions moyennes pour les époques du Catal.

### 24811 P. — 35060 L.

| A. M. J. | AR | 𝒫 |
|---|---|---|
| III. | 18h44m | 78°37′ |
| 71 7-21 | 23s,91 M | |
| 76 7-26 | 24,00 M | 12″,4 M |
| 80 7-27 | 23,97 M | 12,3 M |

### 24812 P. — 35057 L.

| A. M. J. | AR | 𝒫 |
|---|---|---|
| III. | 18h44m | 83°54′ |
| 71 8-8 | 24s,07 M | 58″,3 M |
| 75 8-9 | 23,95 G | 58,5 G |

### 24813 P. — 35124 L.

| A. M. J. | AR | 𝒫 |
|---|---|---|
| III. | 18h44m | 41°3′ |
| 80 8-8 | 24s,16 G | 52″,1 G |
| 81 7-17 | 24,16 G | 52,1 G |

### 24814 P. — 35039 L.

| A. M. J. | AR | 𝒫 |
|---|---|---|
| II. | 18h43m | 98°6′ |
| 59 8-6 | 36s,87 G | 19″,3 G |
| III. | 18h44m | 98°5′ |
| 74 7-14 | 25s,60 G | 21″,7 G |
| 7-18 | 25,56 G | 22,4 G |
| 7-20 | 25,42 G | 21,9 G |

### 24815 P. — 35040 L.

| A. M. J. | AR | 𝒫 |
|---|---|---|
| III. | 18h44m | 98°9′ |
| 69 7-27 | 26s,10 M | 15″,9 M |
| 72 7-16 | 26,24 M | 14,4 M |
| 74 8-22 | 26,17 G | 15,6 G |

### 24816 P. — 35079 et 81 L.

| A. M. J. | AR | 𝒫 |
|---|---|---|
| III. | 18h44m | 62°25′ |
| 70 7-23 | 28s,11 G | 49″,2 G |
| 8-1 | 27,97 G | 47,2 G |
| 71 8-26 | 28,02 M | 48,8 M |
| 8-26 | 27,55 G | 48,3 G |
| 74 8-19 | 27,90 M | 48,2 M |
| 76 7-14 | 27,84 G | |

### 24817 P. — 3676 A + 12°.

| A. M. J. | AR | 𝒫 |
|---|---|---|
| II. | 18h43m | 77°41′ |
| 59 7-10 | 49s,44 G | |

### 24818 P. — 35054 L.

| A. M. J. | AR | 𝒫 |
|---|---|---|
| I. | 18h42m | 93°26′ |
| 47 5-31 | 57s,67 G | |
| 49 7-13 | 57,69 G | |
| II. | 18h43m | 93°25′ |
| 60 6-23 | 44s,87 G | 8″,7 G |
| III. | 18h44m | 93°24′ |
| 68 8-7 | 32s,10 M | 10″,3 M |
| 69 8-6 | 32,36 M | 11,7 M |
| 76 8-10 | 32,30 G | 12,8 G |
| 8-12 | 32,10 G | 12,1 G |
| 77 7-11 | 32,09 G | |
| 78 7-18 | 32,10 G | 12,3 G |
| 7-23 | 32,05 G | 9,6 G |

### 24819 P. — 35030 L.

| A. M. J. | AR | 𝒫 |
|---|---|---|
| I. | 18h42m | 112°5′ |
| 39 7-3 | 49s,67 G | |
| 46 7-26 | 49,81 G | |
| 8-21 | 49,54 G | |
| 47 6-28 | 49,56 G | |

### 24820 P. — 7898 Lacaille.

| A. M. J. | AR | 𝒫 |
|---|---|---|
| I. | 18h42m | 120°54′ |
| 41 8-6 | 41s,39 G | |

### 24821 P. — 35055 L.

| A. M. J. | AR | 𝒫 |
|---|---|---|
| II. | 18h43m | 100°56′ |
| 67 7-29 | 56s,65 M | 42″,5 M |
| 7-30 | 56,66 M | 43,2 M |

### 24822 P. — 35059 L.

| A. M. J. | AR | 𝒫 |
|---|---|---|
| II. | 18h44m | 93°28′ |
| 55 8-11 | | 40″,6 G |
| 60 6-23 | 1s,27 G | 41,6 G |
| III. | 18h44m | 93°27′ |
| 76 8-7 | 48s,22 G | 44″,0 G |
| 8-8 | 48,20 G | 42,5 G |
| 77 7-30 | 48,22 G | |
| 78 7-28 | 48,08 G | 43,0 G |

### 24823 P. — 35074-75 L.

| A. M. J. | AR | 𝒫 |
|---|---|---|
| II. | 18h44m | 79°11′ |
| 58 9-11 | 10s,07 G | 2″,7 G |
| III. | 18h44m | 79°10′ |
| 71 7-5 | 52s,53 G | 3″,7 G |

### 24824 P. — 35093 L.

| A. M. J. | AR | 𝒫 |
|---|---|---|
| III. | 18h44m | 63°43′ |
| 81 7-26 | 52s,71 J | |
| 8-6 | 52,60 J | 6″,8 J |

### 24825 P. — 35064 L.

| A. M. J. | AR | 𝒫 |
|---|---|---|
| II. | 18h44m | 89°19′ |
| 57 7-19 | | 38″,2 G |
| 7-21 | 7s,82 G | 38,0 G |
| 7-23 | 7,92 G | 37,7 G |
| 8-6 | | 39,1 G |
| 8-18 | 8,08 G | |
| 61 8-22 | 7,90 G | 38,8 G |

### 24826 P. — 35143 L.

| A. M. J. | AR | 𝒫 |
|---|---|---|
| III. | 18h44m | 44°52′ |
| 80 8-3 | | 52″,2 G |

### 24827 P. — 35132 L.

| A. M. J. | AR | 𝒫 |
|---|---|---|
| III. | 18h44m | 46°56′ |
| 80 8-1 [1] | 56s,27 G | 48″,4 G |
| 8-26 | 56,31 J | 47,7 J |
| 81 7-26 | | 46,9 G |

[1] AR augmentée de 0s,20 : erreur de moy.

### 24828 P. — 35153-54 L.

| A. M. J. | AR | 𝒫 |
|---|---|---|
| II. | 18h44m | 41°23′ |
| 62 6-25 | 34s,46 G | 28″,2 G |
| 6-26 [1] | 33,96 G | 27,7 G |
| 8-3 | 34,65 G | 27,0 G |

[1] AR non comprise dans la moyenne.

### 24829 P. — 35100 L.

| A. M. J. | AR | 𝒫 |
|---|---|---|
| III. | 18h44m | 61°39′ |
| 73 7-15 | 58s,91 G | 20″,4 G |
| 76 7-19 | 58,88 M | 21,5 M |

### 24830 P. — 35110 L.

| A. M. J. | AR | 𝒫 |
|---|---|---|
| III. | 18h45m | 58°30′ |
| 74 8-20 | 0s,21 M | 47″,5 M |
| 75 7-19 | 0,27 G | 47,4 G |
| 7-28 | 0,45 G | 47,5 G |

### 24831 P. — 35121 L.

| A. M. J. | AR | 𝒫 |
|---|---|---|
| I. | 18h43m | 57°21′ |
| 48 6-10 | 59s,84 G | |

### 24832 P. — 35073 L.

| A. M. J. | AR | 𝒫 |
|---|---|---|
| II. | 18h44m | 91°12′ |
| 56 6-29 | | 19″,7 G |
| III. | 18h45m | 91°11′ |
| 69 7-30 | 10s,47 M | 24″,2 M |
| 75 7-31 | 10,68 M | 23,8 M |
| 8-9 | 10,70 M | 24,5 M |

### 24833 P. — 35123 L.

| A. M. J. | AR | 𝒫 |
|---|---|---|
| I. | 18h44m | 57°37′ |
| 37 7-6 | 5s,89 G | |
| 52 8-11 | | 27″,6 F |
| III. | 18h45m | 57°35′ |
| 81 7-7 | 12s,87 J | 30″,5 J |

### 24834 P. — 35105 L.

| A. M. J. | AR | 𝒫 |
|---|---|---|
| II. | 18h44m | 66°3′ |
| 59 6-13 | 35s,76 G | 14″,7 G |
| III. | 18h45m | 66°2′ |
| 70 7-22 | 13s,27 G | 15″,0 G |
| 73 8-4 | 13,16 G | |

### 24835 P. — 17729 Mn1.

| A. M. J. | AR | 𝒫 |
|---|---|---|
| II. | 18h44m | 82°4′ |
| 63 8-10 | 32s,70 M | 46″,5 M |

### 24836 P. — 35109 L.

| A. M. J. | AR | 𝒫 |
|---|---|---|
| III. | 18h45m | 66°20′ |
| 81 7-13 | 16s,64 J | 24″,4 J |
| 7-18 | 16,98 J | 24,8 J |

### 24837 P. — 35071 L.

| A. M. J. | AR | 𝒫 |
|---|---|---|
| II. | 18h44m | 101°47′ |
| 54 9-3 | 28s,09 G | |
| 59 7-17 | | 45″,3 G |
| III. | 18h45m | 101°46′ |
| 79 7-28 | 18s,43 J | 46″,4 J |

### 24838 P. — 4105 Romberg.

| A. M. J. | AR | 𝒫 |
|---|---|---|
| II. | 18h44m | 56°47′ |
| 61 7-18 | 51s,15 G | |
| 7-19 | 51,15 G | |

#### 24839 P. — 35164 L.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. Æ. | D. |
|---|---|---|
| III. | 18h45m | 44°49' |
| 80 8- 3 | 27s,73 G | |

#### 24840 P. — 35134 à 36 L.

10 β Lyre.

Étoile fondamentale.

#### 24841 P. — 35137 et 39 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| I. | 18h44m | 56°49' |
| 52 8- 5 | 23s,30 G | |
| 8- 6 | 23,32 G | |
| II. | 18h44m | 56°48' |
| 56 9- 6 | 56s,53 G | |
| 57 6- 4[1] | 56,39 G | |
| 8-13 | 56,73 G | |
| 8-20 | 56,49 G | |
| 8-22 | 56,81 G | |
| 8-25 | 56,77 G | |
| 8-26[2] | | 30",8 G |
| 58 9- 6 | 56,52 G | |
| 9-27 | 56,20 G | |
| 59 6-24 | 56,91 G | |
| 7- 9[3] | 56,90 G | |
| 7-24 | 56,58 G | |
| 60 7- 5 | 56,67 G | |
| 7- 6[4] | 56,43 G | |
| 7- 7 | 56,72 G | |
| 9- 6 | | 30,2 G |
| 61 9- 5 | 56,25 G | 31,1 G |
| 62 6-23 | | 31,0 G |
| 8-12 | | 30,0 G |
| 9- 5 | | 31,2 G |
| 63 6-30 | | 30,7 G |
| 7- 1 | | 31,6 G |
| 7- 2 | | 30,7 M |
| 7- 2 | | 30,2 G |
| III. | 18h45m | 56°47' |
| 68 8-13 | | 31",0 G |
| 81 7- 1 | 30s,04 J | 31,7 J |

[1] Æ augm. de 0s,20 : erreur de moy.
[2] D diminuée de 1".
[3] Æ diminuée de 1m : erreur de transcr.
[4] Æ augmentée de 0s,60 : erreur de 1s sur trois fils.

#### 24842 P. — 35089-90 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| II. | 18h44m | 87°7' |
| 58 9-13 | | 34",8 G |
| III. | 18h45m | 87°6' |
| 70 6-29 | 32s,63 M | 37",0 M |
| 71 8- 5 | 32,68 M | 38,2 M |
| 72 7-20 | 32,74 M | 36,7 M |
| 74 8- 6 | 32,88 M | 38,0 M |

#### 24843 P. — 1127 W1.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| II. | 18h44m | 85°7' |
| 57 7-28 | 49s,19 G | |

#### 24844 P. — 35125 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| II. | 18h44m | 66°44' |
| 59 7-26 | 57s,99 G | |
| 60 8-16 | 57,94 G | |
| III. | 18h45m | 66°43' |
| 70 8- 6 | 35s,76 G | 2",6 G |
| 75 7-23 | 35,95 G | 3,7 G |
| 7-26 | 35,69 G | |

#### 24845 P. — 35097 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| III. | 18h45m | 82°59' |
| 74 7-29 | 36s,07 M | 25",5 M |
| 7-30 | 36,10 M | 24,1 M |
| 7-31 | 35,98 M | 25,5 M |

#### 24846 P. — 35068 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| II. | 18h44m | 108°25' |
| 56 8- 1 | | 26",0 G |
| 57 7-20 | 44s,78 G | 26,2 G |
| 60 8- 9 | 45,17 G | 26,8 G |
| III. | 18h45m | 108°24' |
| 78 8- 6 | 37s,81 G | 28",0 G |

#### 24847 P. — 35142 et 45 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| III. | 18h45m | 61°37' |
| 74 7-20 | 41s,88 M | 11",2 M |
| 75 7-23 | 41,74 M | 10,6 M |

#### 24848 P. — 35094 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| II. | 18h44m | 90°22' |
| 58 7-30 | | 59",6 G |
| III. | 18h45m | 90°21' |
| 69 7-29 | 41s,93 M | 61",1 M |
| 75 7-15 | 41,68 G | 59,5 G |
| 7-29 | 41,91 G | 62,1 G |
| 76 7-19 | 41,94 G | 61,8 G |
| 7-26 | 41,72 G | 62,3 G |
| 8- 1 | 41,81 G | 61,4 G |

#### 24849 P. — 35085 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| II. | 18h44m | 100°22' |
| 56 6-26 | 52s,20 G | 29",7 G |
| III. | 18h45m | 100°21' |
| 79 7-15 | 41s,92 M | 29",9 M |

#### 24850 P. — 35083 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| II. | 18h44m | 105°29' |
| 54 9- 4 | 54s,82 G | |

#### 24851 P. — 35127 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| II. | 18h45m | 71°29' |
| 58 9- 8 | | 25",5 F |
| 67 8-12 | 7s,16 M | 22,2 M |
| 8-13 | 7,35 M | 22,8 M |

#### 24852 P. — 35076 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| II. | 18h44m | 108°48' |
| 54 9- 2 | 53s,92 G | |
| 58 9-24 | | 2",6 F |
| III. | 18h45m | 108°47' |
| 70 7-21 | 47s,13 M | 6",4 M |

#### 24853 P. — 35080 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| II. | 18h44m | 106°32' |
| 57 9- 5 | | 48",2 G |
| III. | 18h45m | 106°31' |
| 79 7-15 | 47s,99 J | 47",7 J |
| 7-29 | 48,11 J | 49,6 J |

#### 24854 P. — 35096 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| II. | 18h45m | 93°53' |
| 55 8-13 | 3s,29 G | |
| 57 7-10 | | 22",6 G |
| 8-11 | | 23,4 G |
| 8-28 | | 23,5 G |
| III. | 18h45m | 93°52' |
| 69 7-26 | 50s,62 M | 24",1 M |
| 76 8- 3 | 50,68 G | 24,3 G |
| 8-11 | 50,63 G | 24,5 G |

#### 24855 P. — 17777 Mn1.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| II. | 18h45m | 83°33' |
| 58 8- 1[1] | | 53",9 G |

[1] Désignée à tort au tome XIV comme 35161 Lal.; le cahier-minute donne, pour l'asc. dr. approchée, 18h44m59s.

#### 24856 P. — 35091 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| II. | 18h45m | 100°30' |
| 54 8-28 | 9s,18 G | |
| III. | 18h45m | 100°29' |
| 79 8-11 | 58s,99 M | 37",7 M |
| 80 8- 8 | 59,12 M | 38,2 M |

#### 24857 P. — 35086 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| III. | 18h46m | 108°56' |
| 79 8-10 | 0s,78 J | 8",9 J |
| 8-11 | 0,62 J | 8,8 J |

#### 24858 P. — 35088 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| II. | 18h45m | 105°35' |
| 54 8-27 | 12s,39 G | |
| 58 6-12 | | 42",7 G |
| III. | 18h46m | 105°34' |
| 79 8-12 | 4s,05 M | 41",9 M |

#### 24859 P. — 35102 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| II. | 18h45m | 96°0' |
| 57 8- 9 | 16s,02 G | |
| III. | 18h46m | 95°59' |
| 68 9- 7 | 4s,02 M | 52",4 M |
| 69 8- 4 | 4,09 M | 52,2 M |
| 74 7- 6 | 4,40 G | 52,2 G |
| 7- 8 | 4,33 G | 52,4 G |
| 7-13 | 4,34 G | 51,5 G |

#### 24860 P. — 35128 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| III. | 18h46m | 79°22' |
| 71 8- 1 | 4s,64 M | 2",9 M |
| 8- 1 | 4,88 G | |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (Æ, ℘)

**24861 P. — 35099 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $18^h45^m$ | 104°28' |
| 51 9-18 | 23s,87 G | 45",0 G |
| III. | $18^h46^m$ | 104°27' |
| 78 8-7 | 15s,35 G | 45",8 G |
| 8-14 | 15,32 G | 46,0 G |

**24862 P. — 35106 et 08 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $18^h46^m$ | 101°30' |
| 70 7-18 | 17s,61 M | 4",5 M |
| 7-22 | 17,58 M | 4,5 M |
| 7-23 | 17,34 M | 3,9 M |

**24863 P. — 35150 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $18^h45^m$ | 76°11' |
| 58 9-25 | | 55",5 G |
| 59 7-17 | 36s,79 G | |
| III. | $18^h46^m$ | 76°10' |
| 79 7-29 | 18s,16 G | 55",3 G |
| 80 7-27 | 18,13 G | 54,1 G |

**24864 P. — 35098 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $18^h45^m$ | 109°57' |
| 54 8-23 | | 52",8 G |
| 8-29 | 32s,23 G | |
| 60 8-10 | 32,40 G | 52,5 G |

**24865 P. — 35140 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $18^h45^m$ | 86°6' |
| 57 5-19 | 42s,44 G | 44",5 G |
| III. | $18^h46^m$ | 86°5' |
| 72 7-16 | 27s,42 G | |
| 75 8-11 | 27,39 M | 45",4 M |

**24866 P. — 35187 et 92 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $18^h46^m$ | 55°45' |
| 74 8-22 | 28s,23 M | 11",0 M |
| 81 8-5 | 28,35 J | 10,3 J |
| 8-14 | 28,31 J | 11,3 J |

**24867 P. — 35157 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $18^h46^m$ | 77°40' |
| 75 7-20 | 30s,65 G | 30",6 G |
| 7-31 | 30,57 G | 31,0 G |

**24868 P. — 33 Sagittaire.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| I. | $18^h44^m$ | 111°32' |
| 46 7-26 | 44s,50 G | |

**24869 P. — 35129 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $18^h46^m$ | 94°52' |
| 78 7-29 | 33s,27 G | 56",1 G |
| 7-30 | 33,40 G | 57,1 G |
| 7-31 | 33,46 G | 56,2 G |

**24870 P. — 35146 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $18^h46^m$ | 90°5' |
| 76 7-14 | | 48",1 G |
| 8-12 | 35s,24 G | 50,4 G |
| 8-25 | 35,35 G | 50,5 G |
| 77 7-11 | 35,16 G | |

**24871 P. — 35103 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $18^h45^m$ | 112°44' |
| 59 8-3 | | 17",0 G |
| III. | $18^h46^m$ | 112°43' |
| 79 8-16 | 35s,41 J | 18",5 J |
| 9-1 | 35,76 J | 18,6 J |
| 81 7-6 | 35,38 M | 18,0 M |
| 7-18 | 35,61 M | 16,1 M |

**24872 P. — 35152 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $18^h45^m$ | 83°15' |
| 57 8-21 | 51s,82 G | 30",7 G |
| 58 7-2 | | 30,5 G |
| 7-19 | 52,01 G | |
| 59 8-23 | 52,01 G | 31,5 G |

**24873 P. — 35159 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $18^h46^m$ | 75°36' |
| 71 7-21 | 36s,52 M | |
| 76 8-5 | 36,53 M | 46",2 M |
| 79 8-12 | 36,43 G | 46,3 G |

**24874 P. — 35104 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| I. | $18^h44^m$ | 112°55' |
| 41 8-6 | 48s,19 G | |
| 48 5-20 | 48,38 G | |
| 49 7-31 | 48,36 G | |
| 8-1 | 48,31 G | 47",8 G |
| 50 8-18 | | 47,4 G |

**24874 P. (suite).**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $18^h45^m$ | 112°54' |
| 55 8-23 | 42s,83 G | 48",0 G |
| III. | $18^h46^m$ | 112°53' |
| 79 6-6 | 37s,24 G | |
| 80 7-19 | 37,25 M | 44",0 M |
| 7-19 | 37,34 G | 47,2 G |

**24875 P. — 35179 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $18^h46^m$ | 66°14' |
| 58 9-10 | | 32",6 G |
| III. | $18^h46^m$ | 66°13' |
| 70 7-23 | 38s,36 G | 32",6 G |
| 8-1 | 38,35 G | |
| 73 7-17 | 38,23 G | 33,0 G |

**24876 P. — 35186 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $18^h46^m$ | 61°21' |
| 81 7-2 | 41s,27 J | 51",6 J |
| 7-28 | 41,28 J | 51,8 J |

**24877 P. — 3962 A + 6°.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $18^h45^m$ | 83°12' |
| 59 8-23[1] | 58s,79 G | |

[1] Erreur dans la déclinaison approchée inscrite au t. XV : l'étoile a été observée sur le même parallèle que 35152 Lal.

**24878 P. — 35111 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $18^h45^m$ | 117°3' |
| 55 7-15 | 54s,91 G | |
| III. | $18^h46^m$ | 117°2' |
| 79 7-20 | 50s,93 J | 32",7 J |

**24879 P. — 35174 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $18^h46^m$ | 76°9' |
| 59 7-17 | 9s,97 G | |
| III. | $18^h46^m$ | 76°8' |
| 79 8-16 | 51s,43 G | |
| 81 7-28 | 51,60 M | 44",3 M |
| 7-29 | 51,43 M | 45,2 M |

**24880 P. — 35161 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $18^h46^m$ | 83°30' |
| 58 7-2 | 8s,26 G | |

**24881 P. — 35185 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $18^h46^m$ | 68°43' |
| 70 7-20 | 56s,03 G | 25",6 G |
| 75 8-11 | 56,05 G | 26,3 G |
| 8-16 | 56,08 G | 26,1 G |

**24882 P. — 35178 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $18^h46^m$ | 77°35' |
| 71 8-7 | 57s,29 G | 5",2 G |

**24883 P. — 7770 Brux.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| I. | $18^h45^m$ | 56°43' |
| 40 9-10 | 52s,89 G | |
| 9-12 | 53,04 G | |
| 9-21 | 53,11 G | |
| II. | $18^h46^m$ | 56°42' |
| 61 7-15 | 26s,33 G | |

**24884 P. — 3685 A + 14°.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $18^h47^m$ | 75°7' |
| 79 8-16 | | 10",4 G |

**24885 P. — 17862 Mn.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $18^h46^m$ | 83°29' |
| 58 7-2 | 19s,94 G | |

**24886 P. — 35205-06 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $18^h47^m$ | 64°22' |
| 70 7-22 | 6s,43 G | 46",7 G |
| 73 8-4 | 6,35 G | |
| 74 8-19 | 6,35 M | 47,5 M |

**24887 P. — 35166 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $18^h46^m$ | 89°17' |
| 57 7-19 | | 53",1 G |
| 8-7 | 20s,13 G | 52,5 G |
| 61 8-22 | 20,22 G | 53,2 G |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (ℛ, 𝒫)

### 24888 P. — 35204 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| III. | 18h47m | 64°7' |
| 73 7-15 | 10s,17G | 23",3G |
| 75 7-26 | 10,14M | 23,7M |
| 76 8-9 | 10,08M | 23,3M |

### 24889 P. — 35222 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| I. | 18h46m | 53°38' |
| 39 9-9 | 9s,78G | |
| III. | 18h47m | 53°36' |
| 81 7-11 | 13s,00J | 34",6J |

### 24890 P. — 6808 Rümker.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| II. | 18h46m | 63°56' |
| 58 8-6 | 36s,94G | |

### 24891 P. — 35194 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| II. | 18h46m | 79°59' |
| 58 9-13 | | 20",5G |
| III. | 18h47m | 79°58' |
| 89 7-27 | 18s,88M | 18",4M |
| 8-23 | 18,71M | 18,9M |

### 24892 P. — 4613 Sf — 4°.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| II. | 18h46m | 94°47' |
| 57 7-13 | 32s,46G | |

### 24893 P. — 3236 A + 32°.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| I. | 18h46m | 57°48' |
| 40 8-3 | 13s,94G | |
| 8-9 | 14,05G | |

### 24894 P. — 35171 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| II. | 18h46m | 94°47' |
| 56 8-2 | | 45",6G |
| 59 8-6 | 34s,69G | |
| III. | 18h47m | 94°46' |
| 76 8-10 | 22s,35G | 46",0G |
| 77 7-30 | 22,41G | |
| 78 7-18 | 22,37G | 44,2G |
| 7-23 | 22,32G | 45,3G |

### 24895 P. — 35165 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| III. | 18h47m | 101°45' |
| 68 7-17 | 28s,31M | 5",6M |
| 7-18 | 28,16M | |
| 75 7-28 | 28,42G | 7,7G |
| 8-25 | 28,42G | |

### 24896 P. — 35149 L.

34 σ Sagittaire.

Étoile fondamentale.

### 24897 P. — 35162 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| II. | 18h46m | 105°46' |
| 54 8-31 | 41s,52G | |
| 58 9-24 | | 24",2F |
| 59 7-17 | | 25,5G |
| III. | 18h47m | 105°45' |
| 79 8-17 | 33s,23J | 29",4J |

### 24898 P. — 35203 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| II. | 18h46m | 80°30' |
| 57 8-5 | | 36",5G |
| 60 8-4 | 50s,45G | 36,3G |
| III. | 18h47m | 80°29' |
| 72 7-20 | 33s,34M | 35",7M |

### 24899 P. — 35156 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| I. | 18h45m | 112°51' |
| 41 8-6 | 41s,47G | |

### 24900 P. — 9324 Cambridge.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| I. | 18h46m | 60°39' |
| 40 8-8 | 25s,41G | |

### 24901 P. — 35170 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| III. | 18h47m | 68°41' |
| 81 7-6 | 35s,45J | 39",1J |
| 7-16 | | 38,9J |

### 24902 P. — 35190 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| II. | 18h46m | 91°28' |
| 57 8-10 | 50s,88G | 35",0G |

### 24902 P. (suite).

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| III. | 18h47m | 91°27' |
| 68 9-8 | 37s,52M | 34",3M |
| 69 7-30 | 37,54M | 34,3M |
| 8-6 | 37,46M | 34,9M |

### 24903 P. — 7778 Brux.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| I. | 18h46m | 56°49' |
| 40 7-17 | | 35",2F |
| 8-29 | | 36,3F |
| 8-31 | | 37,0F |
| 9-29 | 33s,74G | |
| 9-30 | 33,65G | |
| 41 7-6 | 33,71G | |
| 44 8-19 | 33,53G | |
| 45 8-4 | 33,88G | |
| 48 9-19 | 33,66G | |
| 9-20 | 33,69G | |
| 9-21 | 33,79G | |
| 9-22 | 33,91G | |
| 9-24 | 33,82G | |
| 9-26 | 38,76G | |
| 9-27 | 33,67G | |
| 49 8-6 | 33,61G | |
| 9-18 | 33,67G | |
| 9-23 | 33,64G | |
| 9-24 | 33,56G | |
| 9-25 | 33,70G | |
| II. | 18h47m | 56°48' |
| 57 9-13 | 6s,66G | |
| 59 7-9 | 6,92G | |
| 7-28 | 6,87G | |
| 8-16 | 6,89G | |
| 8-30 | 6,78G | |
| 60 8-6 | 6,88G | |
| 61 7-15 | | 34",8G |
| 7-18 | 6,87G | |
| 7-19 | 6,83G | |
| 8-9 | 6,76G | |
| III. | 18h47m | 56°47' |
| 69 7-21[1] | 40s,07M | 33",2M |

[1] Erreur de 2° dans la déclinaison approchée inscrite au tome XXI. L'obs. de dist. pol. supprim. à l'impression doit être rétablie comme il suit :
Lecture = 56°46'51",6 ; micr. = 19t 17p,73 ; $L_c$ = 47'34",2 ; Réfr. = + 15",6 ; Dist. app. au pôle = 56°47'44",7.

### 24904 P. — 35214 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| III. | 18h47m | 71°48' |
| 75 7-19 | | 0",7G |
| 80 8-4 | 41s,27M | 1,2M |

### 24905 P. — 35238-39 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| III. | 18h47m | 52°38' |
| 68 8-7 | 42s,07G | |
| 74 8-20 | 42,18G | 1",2M |
| 81 7-21 | 42,23M | 0,1M |
| 7-26 | 42,06M | 1,2M |

### 24906 P. — 35199 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| III. | 18h47m | 91°41' |
| 68 9-9 | 44s,82M | 55",1M |
| 69 7-29 | 45,12M | 53,2M |
| 78 7-28 | 44,82G | 54,9G |

[1] 𝒫 augmentée de 1'.

### 24907 P. — 35193 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| II. | 18h46m | 96°7' |
| 57 8-24 | 58s,28G | 42",6G |
| 58 7-30 | 58,54G | 40,3G |
| III. | 18h47m | 96°6' |
| 74 7-14 | 46s,60G | 40",1G |
| 7-15 | 46,46G | 39,3G |
| 7-18 | 46,49G | 40,4G |

### 24908 P. — 35197 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| II. | 18h46m | 94°45' |
| 59 8-6 | 59s,27G | 33",9G |
| III. | 18h47m | 94°44' |
| 76 8-3 | 46s,64G | 39",3G |
| 8-8 | 46,77G | 37,5G |

### 24909 P. — 35213 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| II. | 18h47m | 77°8' |
| 60 8-9 | 7s,34G | |

### 24910 P. — 35259 et 61 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| III. | 18h47m | 48°24' |
| 80 8-11 | | 38",7G |
| 8-26 | 51s,96J | 39,7J |

### 24911 P. — 35218 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| II. | 18h47m | 77°10' |
| 58 6-3 | | 22",8G |
| 60 8-9 | 16s,06G | 22,2G |

### 24912 P. — 3243 A + 33°.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| II. | 18h47m | 56°49' |
| 59 7-28[1] | 26s,10G | |

[1] Erreur dans la décl. approchée inscrite : le cahier porte $h = 74°,21$.

**24913 P. — 35198 L.**

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. ℛ | 𝒟 |
|---|---|---|
| | II. | |
| | 18h47m | 100°41′ |
| 54 9- 4 | 10s,21 G | |
| 57 9- 5 | | 16″,4 G |
| | III. | |
| | 18h48m | 100°40′ |
| 70 7-21 | 0s,30 M | 14″,2 M |

**24914 P. — 35244 L.**

| A. M. J. | ℛ | 𝒟 |
|---|---|---|
| | III. | |
| | 18h48m | 57°44′ |
| 68 8- 1 | 0s,52 G | |
| 75 7-29 | 0,78 G | 48″,1 G |
| 79 8-26 | 0,68 G | 45,3 G |

**24915 P. — 35195 L.**

| A. M. J. | ℛ | 𝒟 |
|---|---|---|
| | II. | |
| | 18h47m | 105°55′ |
| 54 9-12 | | 15″,9 G |
| | III. | |
| | 18h48m | 105°54′ |
| 78 8- 2 | 4s,79 G | 11″,9 G |
| 79 7-28 | 4,44 J | 14,6 J |

**24916 P. — 35268-69 L.**

| A. M. J. | ℛ | 𝒟 |
|---|---|---|
| | III. | |
| | 18h48m | 48°46′ |
| 80 7-10 | 6s,55 G | |
| 81 7-19 | 6,32 G | |

**24917 P. — 35212 L.**

| A. M. J. | ℛ | 𝒟 |
|---|---|---|
| | II. | |
| | 18h47m | 104°51′ |
| 54 9- 3 | 16s,93 G | |
| 61 8-14[1] | 17,33 G | 53″,0 G |
| 8-27 | | 56,0 G |

[1] Indiquée à tort, au t. XVII, à l'obs. d'asc. dr. comme 35218 L. (dist. des fils).

**24918 P. — 3718 A + 10°.**

| A. M. J. | ℛ | 𝒟 |
|---|---|---|
| | II. | |
| | 18h47m | 79°15′ |
| 67 8- 5 | 26s,17 M | 53″,7 M |

**24919 P. — 35215 L.**

| A. M. J. | ℛ | 𝒟 |
|---|---|---|
| | II. | |
| | 18h47m | 88°16′ |
| 57 6- 4 | 25s,96 G | |
| 58 7- 1 | | 18″,5 G |
| | III. | |
| | 18h48m | 88°15′ |
| 71 8- 5 | 11s,44 M | 18″,3 M |
| 74 7-29 | 11,60 M | 17,4 M |
| 7-31 | 11,56 M | 17,3 M |

**24920 P. — 35242 L.**

| A. M. J. | ℛ | 𝒟 |
|---|---|---|
| | II. | |
| | 18h47m | 64°47′ |
| 58 9-10 | | 35″,7 G |
| | III. | |
| | 18h48m | 64°46′ |
| 70 7-25 | 13s,08 G | 34″,4 G |
| 7-29 | 13,06 G | 34,9 G |
| 8- 6 | 13,08 G | 33,6 G |
| 74 7-20 | 13,20 M | 34,2 M |

**24921 P. — 35241 L.**

| A. M. J. | ℛ | 𝒟 |
|---|---|---|
| | II. | |
| | 18h47m | 65°53′ |
| 58 8-28 | | 31″,0 G |
| 59 8-22 | 38s,16 G | |
| | III. | |
| | 18h48m | 65°52′ |
| 70 7-16 | 15s,34 G | 29″,6 G |
| 7-18 | 15,35 G | 28,9 G |
| 7-19 | 15,40 G | 30,4 G |
| 73 7-18 | 15,30 G | 29,8 G |

**24922 P. — 35233 L.**

| A. M. J. | ℛ | 𝒟 |
|---|---|---|
| | II. | |
| | 18h47m | 74°54′ |
| 67 8-22 | 36s,15 M | 40″,6 M |
| | III. | |
| | 18h48m | 74°53′ |
| 80 7-29 | 17s,15 M | 38″,1 M |
| 81 7- 5 | 17,06 M | 37,2 M |

**24923 P. — 35219 L.**

| A. M. J. | ℛ | 𝒟 |
|---|---|---|
| | II. | |
| | 18h47m | 88°17′ |
| 57 6- 4 | 31s,76 G | |
| | III | |
| | 18h48m | 88°16′ |
| 74 8- 6 | 17s,29 M | 1″,0 M |

**24924 P. — 35226 L.**

| A. M. J. | ℛ | 𝒟 |
|---|---|---|
| | II. | |
| | 18h47m | 8.°37′ |
| 57 7-19 | 35s,65 G | |
| 7-23 | | 37″,9 G |
| 7-28 | 35,55 G | 38,1 G |
| 58 6- 7 | 35,46 G | |
| 7-13 | 35,54 G | 39,1 G |
| 59 8-24 | 35,70 G | |

**24925 P. — 18841 A.O.**

| A. M. J. | ℛ | 𝒟 |
|---|---|---|
| | I. | |
| | 18h46m | 106°33′ |
| 41 8-22 | 35s,04 G | |
| 8-24 | 35,20 G | |

**24926 P. — 35305 à 08 L.**

| A. M. J. | ℛ | 𝒟 |
|---|---|---|
| | III. | |
| | 18h48m | 39°5′ |
| 80 7-31 | 24s,06 G | 10″,0 G |
| 81 7-17 | 24,12 G | 7,6 G |

**24927 P. — 35201 L.**

| A. M. J. | ℛ | 𝒟 |
|---|---|---|
| | I. | |
| | 18h46m | 113°21′ |
| 39 7-27 | 37s,46 G | |
| 7-28 | 37,55 G | |
| 8-24 | 37,51 G | |
| 40 7-15 | 37,48 G | |

**24928 P. — 35236 L.**

| A. M. J. | ℛ | 𝒟 |
|---|---|---|
| | I. | |
| | 18h47m | 75°10′ |
| 40 8-31 | 5s,42 G | |
| | III. | |
| | 18h48m | 75°8′ |
| 71 7-16 | 26s,95 G | |
| 8-12 | 27,22 G | |
| 75 7-23 | 27,11 M | 49″,0 M |
| 76 7-19 | 27,14 M | 49,3 M |
| 7-26 | 27,17 M | 49,1 M |
| 7-27 | 27,08 M | 49,1 M |

**24929 P. — 35289 L.**

| A. M. J. | ℛ | 𝒟 |
|---|---|---|
| | III. | |
| | 18h48m | 46°26′ |
| 80 8- 8 | 28s,19 G | 29″,4 G |
| 81 7-26 | 27,81 G | 30,5 G |

**24930 P. — 17964 Mn1.**

| A. M. J. | ℛ | 𝒟 |
|---|---|---|
| | II. | |
| | 18h47m | 83°39′ |
| 57 8-21 | 44s,72 G | |

**24931 P. — 35231 L.**

| A. M. J. | ℛ | 𝒟 |
|---|---|---|
| | II. | |
| | 18h47m | 86°42′ |
| 57 8-18[1] | 45s,81 G | |
| | III. | |
| | 18h48m | 86°41′ |
| 74 7-30 | 30s,54 M | 11″,4 M |
| 75 7-15 | 30,42 G | 11,6 G |
| 7-20 | 30,48 G | 11,2 G |

[1] ℛ diminuée de 1s : erreur de moy.

**24932 P. — 18847-48 A.O.**

| A. M. J. | ℛ | 𝒟 |
|---|---|---|
| | I. | |
| | 18h46m | 106°32′ |
| 40 7-16[1] | 48s,22 G | |
| 7-27 | 48,41 G | |
| 41 8-22 | 48,20 G | |
| 8-24 | 48,28 G | |

[1] Erreur de 1° dans la décl. approchée inscrite au t. III (dist. des fils).

**24933 P. — 35228 L.**

| A. M. J. | ℛ | 𝒟 |
|---|---|---|
| | II. | |
| | 18h47m | 89°2′ |
| 57 5-19 | 47s,41 G | 59″,2 G |
| | III. | |
| | 18h48m | 89°1′ |
| 72 7-16 | 33s,24 G | |
| 75 7-31 | 33,19 M | 58″,4 M |
| 76 8- 4 | 33,38 M | 59,7 M |
| 8- 7 | 33,39 M | 59,1 M |

**24934 P. — 35243 L.**

| A. M. J. | ℛ | 𝒟 |
|---|---|---|
| | I. | |
| | 18h47m | 76°47′ |
| 41 8-20 | 13s,61 G | |
| | II. | |
| | 18h47m | 76°46′ |
| 59 8-28 | 54s,77 G | 55″,2 G |
| | III. | |
| | 18h48m | 76°45′ |
| 71 8-13 | 36s,48 G | 53″,7 G |

**24935 P. — 35207 L.**

| A. M. J. | ℛ | 𝒟 |
|---|---|---|
| | II. | |
| | 18h47m | 107°45′ |
| 56 6-26[1] | 44s,83 G | |
| | III. | |
| | 18h48m | 107°44′ |
| 79 8- 2 | 37s,28 M | 15″,4 M |

[1] ℛ augmentée de 1s : correction indiquée comme probable par l'observateur.

**24936 P. — 35282-83 L.**

| A. M. J. | ℛ | 𝒟 |
|---|---|---|
| | II. | |
| | 18h48m | 52°51′ |
| 66 7- 9 | 7s,39 G | |
| 67 8-10 | 7,62 G | 12″,7 G |
| | III. | |
| | 18h48m | 52°50′ |
| 68 7-31 | 38s,72 G | |
| 8- 4 | 38,77 G | 10″,8 G |
| 75 7-12 | 38,86 G | 9,6 G |
| 7-23 | 38,81 G | 10,6 G |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (Æ, D)

**24937 P. — 1468 W₂.**

| A. M. J. | Æ | D |
|---|---|---|
| | I. | |
| | 18h47m | 56°42' |
| 40 9-12 | 32s,76 G | |
| 9-13 | 32,87 G | |
| 9-21 | 32,79 G | |
| | II. | |
| | 18h48m | 56°41' |
| 59 8-5 | 5s,87 G | |
| 61 7-15 | 6,06 G | |

**24938 P. — 35237 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 18h47m | 80°29' |
| 56 6-30 | 56s,88 G | |
| 57 8-28 | | 9",1 G |
| 60 8-4 | 56,76 G | 9,1 G |
| | III. | |
| | 18h48m | 80°28' |
| 72 7-5 [1] | 39s,42 M | 7",1 M |

[1] Æ augmentée de 1m : erreur de transcr.

**24939 P. — 1461 W₂.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 18h48m | 69°41' |
| 79 6-13 | 1s,40 G | |

**24940 P. — 35245 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 18h47m | 78°6' |
| 56 6-25 | | 53",1 G |
| 60 8-10 | 59s,70 G | 53,1 G |
| | III. | |
| | 18h48m | 78°5' |
| 71 7-5 [1] | 41s,50 G | 48",8 G |

[1] Æ augmentée de 0s,50 : erreur de moy.

**24941 P. — 35227 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 18h47m | 95°18' |
| 55 9-8 | | 49",5 G |
| 56 7-31 | 54s,78 G | |
| 57 7-10 | | 50,9 G |
| 8-11 | | 51,3 G |
| 59 7-12 | 54,71 G | 50,2 G |
| | III. | |
| | 18h48m | 95°17' |
| 69 8-4 | 42s,56 M | 48",1 M |
| 74 7-6 | 42,59 G | 48,1 G |
| 7-8 | 42,55 G | 47,0 G |
| 7-13 | 42,56 G | 46,5 G |

**24942 P. — 35216 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 18h47m | 104°59' |
| 54 9-2 | 51s,36 G | 25",6 G |
| 67 7-29 | 51,64 G | 22,3 G |
| | III. | |
| | 18h48m | 104°58' |
| 78 8-6 | 43s,07 G | |

**24943 P. — 35326 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | I. | |
| | 18h48m | 37°13' |
| 40 8-17 | 6s,52 G | |
| | III. | |
| | 18h48m | 37°11' |
| 81 7-27 | 46s,82 G | 5",4 G |

**24944 P. — 3894 A + 7°.**

| A. M. J. | Æ | D |
|---|---|---|
| | I. | |
| | 18h47m | 82°47' |
| 43 7-25 [1] | 21s,10 G | |

[1] Æ augmentée de 1m : erreur de transcr.

**24945 P. — 35475 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | I. | |
| | 18h49m | 16°5' |
| 50 5-28 | 36s,83 G | 46",6 G |
| 5-29 | 36,52 G | 46,7 G |
| 53 1-22 I | 36,44 G | |
| 1-24 I | 36,49 G | |
| 2-9 I [1] | 36,42 G | |
| 7-15 | 36,67 G | |
| 7-19 | 36,76 G | |
| 7-20 | 36,74 G | |
| 7-21 | 37,01 G | |
| 7-23 | 36,70 G | |

[1] Æ augmentée de 10s : err. de réduct.

**24946 P. — 17998 Mn₁.**

| A. M. J. | Æ | D |
|---|---|---|
| | I. | |
| | 18h47m | 108°54' |
| 41 8-27 | 9s,18 G | |
| 8-28 | 9,35 G | |
| 8-30 | 9,24 G | 7",5 F |
| 9-10 | 9,24 G | |
| 9-11 | 9,16 G | |
| 9-19 | 9,38 G | |
| 43 7-18 | 9,23 G | |
| 7-20 | 9,36 G | |

**24947 P. — 35291 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | III. | |
| | 18h48m | 55°31' |
| 81 7-3 | 56s,53 J | 51",9 J |
| 7-13 | 56,68 J | 49,7 J |

**24948 P. — 18007 Mn₁.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 18h48m | 92°28' |
| 57 7-13 | 15s,43 G | |

**24949 P. — 35304 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | III. | |
| | 18h49m | 52°40' |
| 81 7-19 | 2s,70 J | 51",1 J |
| 7-21 | 2,62 J | 50,7 J |

**24950 P. — 18855 A.O.**

| A. M. J. | Æ | D |
|---|---|---|
| | I. | |
| | 18h47m | 114°48' |
| 40 8-29 | 13s,76 G | |

**24951 P. — 35275 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 18h48m | 69°48' |
| 58 7-17 | 25s,11 G | |
| 59 6-13 | 25,14 G | 50",0 G |
| | III. | |
| | 18h49m | 69°47' |
| 70 7-20 | 4s,04 G | 45",6 G |
| 7-23 | | 46,6 G |

**24952 P. — 35342 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | I. | |
| | 18h48m | 37°7' |
| 40 8-17 | 25s,11 G | |
| | III. | |
| | 18h49m | 37°5' |
| 80 8-3 | 5s,44 G | 6",1 G |
| 81 7-28 | 5,16 G | 6,2 G |
| 8-2 | 5,54 G | |

**24953 P. — 1223 W₁.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 18h48m | 87°3' |
| 57 8-21 [1] | | 31",4 G |

[1] D augm. de 1'.

**24954 P. — 35271 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 18h48m | 74°49' |
| 59 7-10 | 27s,71 G | 50",6 G |
| 67 8-13 | 27,86 M | |
| 8-19 | 27,65 M | 51,8 M |
| | III. | |
| | 18h49m | 74°48' |
| 71 7-31 | 8s,47 G | |
| 9-5 | 8,52 G | |

**24955 P. — 1479 W₂.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 18h48m | 63°57' |
| 58 8-6 | 32s,97 G | |

**24956 P. — 35279 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 18h48m | 69°33' |
| 59 9-1 | 30s,85 G | 30",0 G |
| | III. | |
| | 18h49m | 69°32' |
| 70 7-23 | 9s,66 G | |
| 73 7-15 | 9,56 G | 26",8 G |
| 7-17 | 9,53 G | 24,5 G |

**24957 P. — 35321 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | III. | |
| | 18h49m | 46°26' |
| 80 8-4 | 11s,18 G | 21",4 G |

**24958 P. — 35248 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 18h48m | 95°54' |
| 55 8-13 | 25s,95 G | |
| 9-7 | | 20",5 G |
| | III. | |
| | 18h49m | 95°53' |
| 74 7-20 | 13s,71 G | 23",4 G |
| 7-21 | 13,70 G | 24,1 G |
| 8-21 | 13,97 G | 23,6 G |

**24959 P. — 18017 Mn₁.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 18h48m | 96°31' |
| 57 8-24 | 25s,68 G | |

**24960 P. — 35296-97 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | III. | |
| | 18h49m | 62°14' |
| 70 7-22 | 15s,09 G | 37",0 G |
| 73 8-1 | 14,94 G | |
| 8-4 | 15,06 G | |
| 75 7-26 | 15,11 G | |
| 8-9 | 14,97 M | 37,5 M |
| 8-11 | 15,01 M | 37,3 M |
| 8-11 | 15,02 G | 37,2 G |
| 76 8-8 | 15,04 M | 37,8 G |
| 8-12 | 15,09 M | 36,4 M |

**24961 P. — 35319-20 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | III. | |
| | 18h49m | 49°9' |
| 81 7-18 | 15s,63 G | 36",2 G |
| 9-13 | 15,71 G | |

### 24962 P. — o Dragon.

| Dates 1800+ A. | M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18$^h$48$^m$ | 30°47′ |
| 40 | 8- 2 | 54$^s$,26 G | |
| 41 | 7- 5 | | 59″,0 F |
| | 8-13 | | 58,8 F |
| 43 | 10-20 | | 58,2 G |
| | 10-21 | 54,65 G | 58,3 G |

### 24963 P. — 35252 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$48$^m$ | 94°58′ |
| 57 | 8- 9 | 33$^s$,36 G | |
| | 8-25 | 33,33 G | 10″,2 G |
| 58 | 9-26 | 33,44 G | |
| 59 | 7-26 | | 10,5 G |
| | | III. | |
| | | 18$^h$49$^m$ | 94°57′ |
| 76 | 7-15 | 21$^s$,14 M | 9″,5 M |
| | 7-20 | 21,00 G | 7,4 G |
| | 8- 1 | 21,08 G | 7,1 G |

### 24964 P. — 35312 à 16 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18$^h$48$^m$ | 53°13′ |
| 46 | 7-28 | 18$^s$,89 G | |
| | 7-29 | 18,85 G | |
| | 7-30 | 19,02 G | |
| | 9-19 | 18,72 G | |
| | 9-22 | 18,73 G | |
| 48 | 6-18 | 18,79 G | |
| | 6-22 | 18,79 G | |
| 53 | 9- 3 | 18,69 G | |
| | | II. | |
| | | 18$^h$48$^m$ | 53°12′ |
| 59 | 9- 8[1] | 49$^s$,22 G | |
| 63 | 6-17 | 50,09 G | |
| | 7- 9 | 50,15 G | |
| | 7-10 | 50,16 G | |
| | 7-15 | 50,16 G | |
| | 7-17 | 50,10 G | |
| | 7-24 | 50,11 G | |
| | 7-30 | 50,13 G | |
| | 7-31 | 50,12 G | |
| | 8- 1 | 50,07 G | |
| | 8- 6 | 50,16 G | |
| | 8- 8 | 50,16 G | |
| | 8- 9 | 50,16 G | |
| | 8-10 | 50,24 G | |
| | 8-13 | 50,10 G | |
| | 8-14 | 50,29 G | |
| | 8-17 | 50,11 G | |
| | 8-24 | 50,28 G | |
| | 8-25 | 50,16 G | |
| 64 | 6-13 | 50,10 G | |
| | 6-24 | 50,23 G | |
| | 7-11 | 50,09 G | |
| | 7-30 | 50,07 G | |
| | 8- 6 | 50,13 G | |
| | 8- 7 | 50,17 G | |
| | 8- 8 | 50,12 G | |
| | 8-11 | 50,14 G | |
| | 8-16 | 50,25 G | |
| | 8-24 | 50,13 G | |
| | 8-28 | 50,12 G | |
| | 8-29 | 50,10 G | |
| 65 | 9- 1 | 50,06 G | |

IV.

### 24964 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$48$^m$ | 53°12′ |
| 66 | 7- 7 | | 3″,1 G |
| | 7-25 | 49$^s$,98 G | 5,2 G |
| 67 | 7-30 | 50,17 G | 3,4 G |
| | 8- 9 | 50,30 G | 3,9 G |
| | 9- 6 | 50,11 G | 3,1 G |
| | | III. | |
| | | 18$^h$49$^m$ | 53°10′ |
| 72 | 7- 1 | 21$^s$,61 G | |
| | 7- 4 | 21,59 G | |
| | 7- 5 | 21,63 G | |
| | 7-20 | 21,59 G | |
| | 7-21 | 21,49 G | |
| | 7-22 | 21,59 G | |
| | 8-16 | 21,45 G | |
| | 8-17 | 21,56 G | |
| | 8-18 | 21,44 G | |
| | 8-19 | 21,53 G | |
| | 8-20 | 21,53 G | |
| 74 | 8-21 | 21,36 M | 59″,4 M |
| | 8-22 | 21,46 M | 60,0 M |

[1] 𝒜 non comprise dans la moy.: erreur probable de 1$^s$.

### 24965 P. — 35270 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18$^h$47$^m$ | 83°34′ |
| 39 | 8-15 | 53$^s$,99 G | |
| | 8-19 | 54,07 G | |
| | 8-21 | 54,03 G | 26″,8 F |
| 41 | 8-18 | 54,07 G | |
| | 9-11 | | 26,2 F |
| 46 | 6-28 | 53,97 G | |
| | 6-29 | 53,97 G | |
| | 7- 1 | 53,96 G | |
| | 7- 3 | 53,77 G | |
| | 8-29 | 53,99 G | |
| 50 | 7-10 | | 24,8 G |
| | | II. | |
| | | 18$^h$48$^m$ | 83°33′ |
| 57 | 8- 6 | 37$^s$,73 G | 24″,7 G |
| | 8- 7 | 37,83 G | 24,4 G |
| 58 | 7- 3 | 37,82 G | 24,1 G |
| | 9- 6 | 38,03 G | |
| 62 | 9- 5 | 37,81 G | |

### 24966 P. — 35254 et 57 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18$^h$49$^m$ | 94°40′ |
| 72 | 7-16 | 22$^s$,44 M | 47″,2 M |
| 75 | 7-15 | 22,84 M | 48,0 M |
| 76 | 8-10 | 22,78 M | 47,4 M |
| | 8-16 | 22,83 M | 48,8 M |

### 24967 P. — 35263 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$48$^m$ | 89°54′ |
| 59 | 7- 2 | 36$^s$,95 G | |
| | | III. | |
| | | 18$^h$49$^m$ | 89°53′ |
| 73 | 7-24 | 23$^s$,17 M | 33″,4 M |
| 76 | 7-14 | 22,84 G | 34,0 G |

### 24968 P. — 1230 $W_1$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$48$^m$ | 90°54′ |
| 57 | 6-14 | 38$^s$,23 G | |
| 60 | 7-21[1] | | 43″,0 G |

[1] 𝒫 augmentée de 50″: err. de réduct.

### 24969 P. — 35249-50 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18$^h$49$^m$ | 101°28′ |
| 78 | 8-14 | 26$^s$,45 G | 54″,4 G |

### 24970 P. — 35299 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18$^h$48$^m$ | 67°32′ |
| 37 | 7- 7 | 12$^s$,35 G | |
| | 7-25 | 12,27 G | |
| | 7-26 | 12,38 G | |
| | 8-11 | 12,23 G | |
| 41 | 7-18 | 12,25 G | |
| | 8-19 | 12,27 G | |
| 47 | 10-28 | | 49″,9 G |
| 49 | 7-13 | 12,28 G | |
| 53 | 6-27 | 12,19 G | |
| | 6-28 | 12,27 G | |
| | | II. | |
| | | 18$^h$48$^m$ | 67°31′ |
| 57 | 7-25 | 50$^s$,03 G | |
| 59 | 7-26 | 50,10 G | |
| 64 | 7-13 | | 46″,1 G |
| | 7-15 | | 47,6 G |
| | 7-18 | | 46,8 G |
| | 7-27 | | 48,1 G |
| 65 | 8-30 | | 47,8 G |
| | | III. | |
| | | 18$^h$49$^m$ | 67°30′ |
| 71 | 8-29 | 28$^s$,31 M | 42″,8 M |
| 75 | 7-31 | 28,17 G | 41,7 G |
| | 8-16 | 28,17 G | 42,6 G |

### 24971 P. — 35260 et 62 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$48$^m$ | 94°55′ |
| 57 | 8- 9 | 40$^s$,42 G | |
| | 8-25 | 40,49 G | |
| 58 | 9-26 | 40,52 G | |
| 64 | 8-16 | 40,40 M | 57″,0 M |
| | | III. | |
| | | 18$^h$49$^m$ | 94°54′ |
| 69 | 7-27 | 28$^s$,04 M | 52″,7 M |
| | 7-29 | 28,43 M | 53,0 M |
| 76 | 7-19 | 28,47 G | 54,2 G |
| | 7-26 | | 52,9 G |
| | 8- 4 | 28,24 G | 53,0 G |
| | 8-11 | 28,23 G | 53,5 G |
| 77 | 7-11 | 28,19 G | |
| 78 | 7-23 | 28,04 G | 53,6 G |

### 24972 P. — 3596 A — 0h.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$48$^m$ | 90°51′ |
| 60 | 7-21 | 42$^s$,22 G | |

### 24973 P. — 35240 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$48$^m$ | 107°37′ |
| 54 | 9-18 | 36$^s$,74 G | 18″,2 G |
| 58 | 6-12 | | 16,5 G |
| 59 | 7-11 | 36,67 G | 17,4 G |

### 24974 P. — 35331 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18$^h$49$^m$ | 47°15′ |
| 80 | 8- 9 | 35$^s$,00 G | 8″,1 G |
| | 8-10 | 34,89 G | 7,9 G |
| 81 | 7-21 | 34,99 G | 10,5 G |
| | 8- 4 | 34,83 G | |

### 24975 P. — 35247 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$48$^m$ | 107°25′ |
| 55 | 8-11 | 43$^s$,01 G | |
| 61 | 8-21 | 42,96 G | 27″,5 G |
| | 8-22 | 42,94 G | 26,2 M |

### 24976 P. — 35251 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$48$^m$ | 105°2′ |
| 57 | 6-13 | 46$^s$,98 G | |
| 58 | 6-12 | | 7″,1 F |
| 59 | 7-17 | | 8,9 G |
| | | III. | |
| | | 18$^h$49$^m$ | 105°1′ |
| 79 | 7-29 | 38$^s$,51 J | 4″,9 J |

### 24977 P. — 1497 $W_2$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$49$^m$ | 60°7′ |
| 67 | 8-12 | 4$^s$,84 G | 36″,2 G |

### 24978 P. — 35284 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18$^h$48$^m$ | 83°1′ |
| 40 | 7-29 | 14$^s$,17 G | |
| | | II. | |
| | | 18$^h$48$^m$ | 82°59′ |
| 58 | 7-19 | 57$^s$,76 G | |
| 59 | 8-23 | 57,84 G | 58″,0 G |
| | | III. | |
| | | 18$^h$49$^m$ | 82°58′ |
| 72 | 7-20 | | 53″,1 M |

| Dates 1800 + A. | M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|---|

**24979 P. — 35292 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h48m | 76°58' |
| 41 | 8-20 | 19s,25 G | |
| | | II. | |
| | | 18h49m | 76°57' |
| 56 | 7- 4 | 0s,54 G | 11",2 G |
| 58 | 9-11 | 0,47 G | 13,6 G |

**24980 P. — 35341 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h49m | 46°1' |
| 80 | 8-26 | 42s,03 G | 39",7 G |

**24981 P. — 5239 Sf — 19°.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h48m | 109°35' |
| 54 | 8-25[1] | 51s,11 G | |
| | 8-27 | 50,79 G | |

[1] 𝒜 dim. de 0s,20 : erreur de 1s sur un fil.

**24982 P. — 35264 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h49m | 101°35' |
| 78 | 9- 3 | 44s,20 G | 38",5 M |
| | 9- 7 | 44,19 G | 38,0 M |

**24983 P. — 35303 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h49m | 75°47' |
| 58 | 7-26 | 5s,94 G | 24",9 G |
| | 8- 3 | 6,03 G | 24,2 G |
| | 9- 8 | | 26,4 F |
| | 9-12 | | 25,4 G |
| | 9-25[1] | | 24,5 G |
| | | III. | |
| | | 18h49m | 75°46' |
| 71 | 9- 6 | 47s,27 G | |

[1] 𝒫 diminuée de 1".

**24984 P. — 35273 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h48m | 96°7' |
| 58 | 9- 8 | 59s,34 G | 32",2 G |
| | | III. | |
| | | 18h49m | 96°6' |
| 79 | 8-11 | 47s,62 M | 23",5 M |

**24985 P. — 35339 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h49m | 49°49' |
| 81 | 8- 8 | 47s,74 G | 58",2 G |

**24986 P. — 35327 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h48m | 53°27' |
| 44 | 6- 9 | | 31",6 G |
| | | III. | |
| | | 18h49m | 53°25' |
| 81 | 7-28 | 50s,64 G | 21",2 G |
| | 8-14 | 50,49 G | 22,9 G |

**24987 P. — 35280 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h49m | 90°58' |
| 57 | 6-14 | 4s,46 G | 51",9 G |
| | | III. | |
| | | 18h49m | 90°57' |
| 69 | 8- 6 | 51s,17 M | 50",4 M |
| 76 | 8-10 | 50,94 G | 50,8 G |
| | 8-12 | 50,80 G | 49,8 G |
| | 8-25 | 50,82 G | 49,3 G |

**24988 P. — 35281 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h49m | 91°58' |
| 55 | 8-11 | | 37",5 G |
| | 8-30 | | 34,9 G |
| 56 | 7-26 | 6s,39 G | 37,1 G |
| | | III. | |
| | | 18h49m | 91°57' |
| 76 | 7-22 | 53s,20 G | 35",0 G |
| | 7-27 | 53,08 G | 32,7 G |
| | 8- 3 | 53,01 G | 33,8 G |
| 78 | 7-27 | | 33,6 G |

**24989 P. — 35258 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h48m | 110°51' |
| 39 | 7- 3 | 7s,75 G | |
| 40 | 7-17 | 7,78 G | 10",0 F |
| | 8- 4 | 7,75 G | 10,3 F |
| | 8- 5 | 7,84 G | |
| 43 | 5-16 | 7,72 G | |
| 46 | 7-26 | 7,76 G | |
| 47 | 6-12 | 7,82 G | |
| | 8-25 | 7,52 G | |
| | 8-26 | 7,72 G | |
| | 8-27 | 7,68 G | |
| | 8-28 | 7,65 G | |
| 48 | 7- 5 | 7,63 G | |
| | 7- 7 | 7,72 G | |
| 52 | 7-22 | 7,64 G | |
| | | II. | |
| | | 18h49m | 110°50' |
| 55 | 7- 2 | 1s,18 G | |
| 60 | 8-23 | 1,21 G | |
| | | III | |
| | | 18h49m | 110°49' |
| 79 | 8- 9 | 54s,62 J | 2",7 J |
| | 8-10 | 54,68 J | 3,2 J |
| 81 | 8- 6 | 54,63 M | 2,3 M |
| | 8- 6 | 54,90 G | 0,8 G |
| | 8- 6 | 54,70 J | 3,5 J |
| | 8- 7 | 54,72 G | 2,0 G |

**24990 P. — 35278 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h49m | 98°36' |
| 56 | 8- 1 | 6s,79 G | |
| 57 | 7-11 | 6,84 G | 27",6 G |
| | | III. | |
| | | 18h49m | 98°35' |
| 74 | 7-14 | 55s,75 G | 23",4 G |
| | 7-15 | 55,77 G | 22,4 G |
| | 7-18 | 55,71 G | 23,3 G |

**24991 P. — 35298 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h49m | 83°3' |
| 56 | 5-23 | | 1",5 G |
| 59 | 7- 3 | 12s,67 G | |
| | 8-23 | 12,92 G | |
| | | III. | |
| | | 18h49m | 83°1' |
| 71 | 8-11 | 56s,43 M | 59",6 M |

**24992 P. — 35318 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h49m | 66°57' |
| 59 | 8-10 | 20s,51 G | |
| | | III. | |
| | | 18h49m | 66°56' |
| 74 | 8-19 | 58s,45 M | 10",4 M |
| 76 | 8- 5 | 58,52 M | 11,1 M |

**24993 P. — 35295 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h48m | 85°59' |
| 37 | 6- 5 | 30s,80 G | |
| | 6-17 | | 35",9 F |
| | 6-24 | 30,94 G | 34,7 F |
| | 8-22 | 30,71 G | 34,1 F |
| | 9-20[1] | 31,88 G | |
| 38 | 8-13 | 30,83 G | 35,9 F |
| | 8-15 | 30,84 G | |
| | 8-16 | 30,84 G | |
| | 9-11 | 30,84 G | |
| 41 | 6-30 | 30,95 G | |
| 46 | 7-12 | 30,70 G | |
| | 8-17 | 30,80 G | |
| | 8-18 | 30,78 G | |
| | 8-22 | 30,74 G | |
| | 8-24 | 30,80 G | |
| | 10-10 | 30,66 G | |
| 48 | 6-23 | 30,73 G | |
| | 7-11[2] | 30,81 G | 36,7 G |
| 49 | 4-14 | 30,73 G | |
| | 6-25 | 30,92 G | |
| | 6-26 | 30,75 G | |
| | 6-27 | 30,70 G | |
| | 6-30 | 30,77 G | |
| | 7-22 | 30,72 G | |
| 50 | 7- 8 | 30,88 G | |
| | 7-29 | 30,69 G | |
| | 7-30 | 30,85 G | |
| 52 | 10-24 | 30,80 G | |
| 53 | 9-21 | 30,67 G | |
| | 9-22 | 30,86 G | |
| | 11- 4 | 30,86 G | |
| | 11- 6 | 30,93 G | |

**24993 P. (suite).**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h49m | 85°58' |
| 55 | 10-15 | 15s,43 G | |
| 58 | 9-13 | | 30",9 G |
| | | III. | |
| | | 18h50m | 85°57' |
| 79 | 7-19 | 0s,36 J | 24",6 J |
| | 8-11 | 0,25 J | 26,4 J |
| | 8-13 | | 25,7 J |

[1] 𝒜 non comprise dans la moyenne : erreur probable de 1s.
[2] 𝒫 augmentée de 10" : erreur de réd.

**24994 P. — 3619 A + 15°.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h49m | 74°41' |
| 59 | 7-17 | 19s,71 G | |

**24995 P. — 35334 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h48m | 85°59' |
| 37 | 8-22 | 32s,18 G | |
| | 9-20 | 32,24 G | |
| 47 | 8-21 | 32,30 G | |
| 53 | 9-21 | 32,13 G | |
| | 11- 4 | 32,19 G | |

**24996 P. — 18876 A. O.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h49m | 121°0' |
| 58 | 8-19 | 6s,97 G | |

**24997 P. — 35293 et 332 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h50m | 59°0' |
| 81 | 7-26 | 6s,38 J | |
| | 8- 5 | 6,04 J | 39",1 J |

**24998 P. — 35379 et 82-83 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h49m | 39°28' |
| 40 | 8- 8[1] | 23s,28 G | 54",8 F |
| | 8- 9 | 23,31 G | |
| | 8-12 | 23,07 G | |
| | 8-15 | 23,15 G | |
| | 8-16 | 23,24 G | |
| | | III. | |
| | | 18h50m | 39°26' |
| 81 | 7- 7 | 7s,60 G | 49",0 G |
| | 7-29 | 7,62 G | 47,2 G |
| | 9-17 | 7,56 G | |

[1] Observation de distance polaire faite près du zénith sans indication de la position de l'observateur : on n'a pas tenu compte de la valeur de l'équation personnelle dans la réduction.

| Dates 1800 + A. | M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|---|

### 24999 P. — 35287 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h49^m$ | 95°50′ |
| 56 | 6-29 | | 40″,6 G |
| 60 | 8-12 | $19^s,57$ G | |
| 64 | 7-16 | 19,53 M | 40,5 M |
| | | III. | |
| | | $18^h50^m$ | 95°49′ |
| 68 | 9- 3 | $7^s,67$ M | 36″,6 M |
| 74 | 8-22[1] | 7,66 G | 37,4 G |
| | 8-26 | 7,68 G | |
| | 9- 1 | 7,62 G | 36,2 G |

[1] 𝒫 diminuée de 3″ : erreur de réd.

### 25000 P. — 35347 à 51 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $18^h49^m$ | 53°17′ |
| 37 | 10-22 | $5^s,17$ G | |
| | 10-23 | 5,16 G | |
| 46 | 7-27 | 5,20 G | |
| | 9-26 | 5,10 G | |
| 47 | 11-13 | | 41″,7 G |
| 48 | 6-22 | 4,96 G | |
| | | II. | |
| | | $18^h49^m$ | 53°16′ |
| 62 | 7- 5 | $36^s,36$ G | 36″,5 G |
| | 7-25 | 36,45 G | |
| | 7-26 | 36,50 G | |
| | 7-27 | 36,41 G | |
| | 7-31[1] | 36,45 G | |
| | 8- 1 | 36,60 G | |
| 66 | 7-21 | 36,49 G | 35,3 G |
| | | III. | |
| | | $18^h50^m$ | 53°15′ |
| 68 | 8-13 | | 29″,6 G |
| 75 | 7-19 | $7^s,85$ G | 30,4 G |
| | 8- 9 | 7,88 G | 31,9 G |

[1] 𝒜 dim. de 1m : erreur de réduct.

### 25001 P. — 35302 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $18^h48^m$ | 87°43′ |
| 39 | 7-28 | | 28″,7 F |
| 48 | 7-12 | $37^s,31$ G | |
| | 7-14 | | 30,6 F |
| | | II. | |
| | | $18^h49^m$ | 87°42′ |
| 57 | 8-22 | $22^s,87$ G | 25″,9 G |
| | | III. | |
| | | $18^h50^m$ | 87°41′ |
| 71 | 8-10[1] | $7^s,98$ M | 20″,0 M |

[1] 𝒫 augmentée de 5′.

### 25002 P. — 35290 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $18^h50^m$ | 82°13′ |
| 73 | 8 1 | $8^s,34$ M | 27″,5 M |
| | 8- 4 | 8,11 M | 27,6 M |

### 25003 P. — 18878-79 A.O.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $18^h48^m$ | 111°20′ |
| 41 | 8-13 | $22^s,18$ G | |

### 25004 P. — 35387 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $18^h49^m$ | 39°32′ |
| 40 | 8-12 | $25^s,62$ G | |
| | 8-16 | 25,48 G | |

### 25005 P. — 35366 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $18^h50^m$ | 42°56′ |
| 81 | 7-16 | $10^s,22$ G | 14″,9 G |

### 25006 P. — 35274 L

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $18^h48^m$ | 111°18′ |
| 37 | 6-21 | $28^s,77$ G | |
| | 6-22 | 28,79 G | 15″,7 F |
| | 6-23 | 28,77 G | |
| | 7- 3 | 28.65 G | |
| | 7- 5[1] | 28,82 G | |
| | 9-10 | 28,87 G | |
| 38 | 8-30 | 28,85 G | |
| | 8-31[2] | 28,77 G | |
| 39 | 6-26 | 28,76 G | |
| | 9-18 | 28,78 G | |
| 41 | 7- 3 | 28,90 G | |
| | 8- 5 | 28,91 G | |
| | 8-13 | 28,90 G | |
| | 9- 1 | 28,83 G | |
| 44 | 7-27 | 28,97 G | |
| 46 | 7-17 | 28,95 G | |
| 47 | 6-28 | 28,86 G | |
| | 10-16 | 28,65 G | |
| 48 | 10- 5 | | 16″,7 G |
| 50 | 10-12 | 28,86 G | 16,1 G |
| 52 | 10-10 | 28,97 G | |
| | 10-14 | 28,95 G | |
| | 10-15 | 28,94 G | |
| | 10-16 | 28,88 G | |
| | 10-17 | 28,88 G | |
| | 10-19 | 28,92 G | |
| | 10-20 | 28,82 G | |
| | 10-22 | 28,86 G | |
| | 11- 6 | 29,04 G | |
| | 11- 9 | 28,93 G | |
| 53 | 3-26 | 29,05 G | |
| | 4- 1 | 29,04 G | |
| | 4- 8 | 28,96 G | |
| | 4-14 | 29,04 G | |
| | 4-26 | 28,87 G | |
| | 4-30 | 28,91 G | |
| | 5- 1 | 28,94 G | |
| | 5- 5 | 28,93 G | |
| | 5-14 | 28,99 G | |
| | | II. | |
| | | $18^h49^m$ | 111°17′ |
| 55 | 7-15 | $22^s,62$ G | |
| 60 | 7-25 | 22,63 G | 13″,4 G |
| 62 | 8- 6 | 22,57 G | 12,0 G |
| 64 | 10- 8 | 22,69 G | 10,6 M |

### 25006 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $18^h50^m$ | 111°16′ |
| 79 | 7-20 | $16^s,29$ J | 7″,1 J |
| | 8-12 | 16,20 J | 7,9 J |
| 81 | 9- 3 | | 7,9 J |
| | 10- 1 | 16,37 G | 7,0 G |

[1] 𝒜 diminuée de 8s : err. de transcr.
[2] 𝒜 augmentée de 1m.

### 25007 P. — 35345 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $18^h50^m$ | 56°10′ |
| 81 | 7- 2 | $17^s,36$ J | 37″,8 J |

### 25008 P. — 35353 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $18^h49^m$ | 56°13′ |
| 48 | 7-17 | $11^s,57$ G | |
| | 7-18 | 11,69 G | |
| | | II. | |
| | | $18^h49^m$ | 56°12′ |
| 66 | 7-12 | $44^s,69$ G | 27″,9 G |
| | | III. | |
| | | $18^h50^m$ | 56°11′ |
| 68 | 8- 7 | $17^s,53$ G | |
| 75 | 8-16 | 17,71 M | 23″,0 M |
| 79 | 7-13 | 17,61 G | 21,9 G |
| 81 | 7- 6 | 17,89 J | 22,1 J |

### 25009 P. — 35335 à 37 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $18^h48^m$ | 63°11′ |
| 40 | 8-29 | | 28″,9 G |
| | 8-31 | | 29,4 G |
| | | III. | |
| | | $18^h50^m$ | 63°9′ |
| 70 | 7-16[1] | $18^s,76$ G | 20″,0 G |
| | 7-18 | 18,86 G | 19,9 G |
| | 7-19 | 18,78 G | 21,2 G |
| | 7-25 | 18,75 G | |
| 73 | 7-18 | 18,82 G | 19,9 G |

[1] 𝒫 diminuée de 3″.

### 25010 P. — 35301 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $18^h48^m$ | 96°2′ |
| 37 | 6-25 | $45^s,78$ G | 31″,0 F |
| | 6-26 | 45,64 G | |
| | 6-27 | 45,51 G | |
| 40 | 8- 1 | 45,65 G | 33,0 F |
| 41 | 8- 6 | 45,62 G | |
| 46 | 8- 9 | 45,77 G | |
| 47 | 5-31 | 45,74 G | |
| 48 | 7-22 | 45,75 G | |
| | 8- 2 | 45,46 G | |

### 25010 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h49^m$ | 96°1′ |
| 55 | 8- 9 | $33^s,91$ G | 28″,3 G |
| 56 | 7- 5 | 33,92 G | |
| 57 | 8-10 | 33,69 G | 28,1 G |
| 58 | 5-26 | 33,84 G | |
| | | III. | |
| | | $18^h50^m$ | 96°0′ |
| 74 | 7- 6 | $22^s,05$ G | 22″,9 G |
| | 7- 8 | 22,06 G | 22,8 G |
| | 7-13 | 21,95 G | |

### 25011 P. — 35288 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h49^m$ | 103°16′ |
| 54 | 8-28 | $32^s,34$ G | 55″,0 G |
| 58 | 9- 9 | | 53,6 G |
| | | III. | |
| | | $18^h50^m$ | 103°15′ |
| 70 | 7-20 | $23^s,30$ M | 48″,8 M |
| 78 | 8-31 | 23,07 M | 49,5 M |

### 25012 P. — 35559 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $18^h51^m$ | 14°45′ |
| 40 | 7-15 | $20^s,70$ G | 4″,5 F |
| 46 | 7-17 | | 8,9 G |
| 50 | 7-12 | | 7,0 G |
| 53 | 3- 1 I | 20,77 G | |
| | 3-14 I | 20,65 G | |
| | 7-15 | 20,43 G | |
| | 7-19 | 20,40 G | |
| | 7-20 | 20,49 G | |
| | 7-21 | 20,48 G | |
| | 7-23 | 20,42 G | |
| | 10-22 I | 19,91 G | |
| | | II. | |
| | | $18^h50^m$ | 14°44′ |
| 54 | 1-22 I | $52^s,18$ G | |

### 25013 P. — 35358 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h49^m$ | 85°54′ |
| 58 | 7- 2 | $40^s,28$ G | 37″,8 G |
| | 9- 5 | 40,23 G | |
| | | III. | |
| | | $18^h50^m$ | 85°53′ |
| 74 | 7-29 | $24^s,88$ M | 35″,1 M |
| | 7-30 | 25,01 M | 35,5 M |
| | 7-31 | 24,81 M | 34,5 M |

### 25014 P. — 18886-87 A. O.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $18^h48^m$ | 109°54′ |
| 41 | 9-11 | $38^s,98$ G | |
| | 9-19 | 39,08 G | |

| Dates 1800 + A. | M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|---|

**25015 P. — 35324 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 49m | 74°48′ |
| 59 | 7-10 | 45s,47 G | 41",9 G |
| | 7-17 | 45,51 G | |
| 67 | 8-19 | 45,43 M | 42,4 M |
| | 8-22 | 45,26 M | 42,3 M |

**25016 P. — 35309 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 49m | 90°58′ |
| 57 | 7-24 | 40s,62 G | 8",2 G |
| 58 | 7-30 | 40,35 G | 7,7 G |
| | | III. | |
| | | 18h 50m | 90°57′ |
| 69 | 7-29 | 27s,11 M | 3",5 M |
| | 7-30 | 27,17 M | 5,3 M |

**25017 P. — 35329 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 49m | 72°10′ |
| 57 | 7-15 | | 55",9 G |
| | | III. | |
| | | 18h 50m | 72°9′ |
| 71 | 7-20 | 32s,19 M | 53",1 M |
| | 7-20 | 32,00 G | |
| | 8- 1 | 32,07 G | |
| | 8- 7 | 32,23 G | |
| | 8- 9 | 31,90 G | 53,7 G |
| | 8-10 | 32,20 G | 53,3 G |
| | 8-16 | 32,28 G | |

**25018 P. — 35360 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h 50m | 57°45′ |
| 68 | 8- 1 | 33s,55 G | |
| 75 | 7-20 | 33,54 G | 32",1 G |
| | 7-29 | 33,72 G | 30,5 G |

**25019 P. — 35380 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h 50m | 47°37′ |
| 80 | 7-29[1] | 33s,61 G | 41",6 G |
| 81 | 7-12 | | 44,0 G |

[1] 𝒜 augmentée de 1m : err. de transcr.

**25020 P. — 35352 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h 50m | 64°27′ |
| 74 | 7-20 | 35s,21 M | 52",1 M |
| 76 | 8- 1 | 35,18 M | 53,3 M |
| | 8- 9 | 35,07 M | 53,7 M |

**25021 P. — 35333 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 49m | 72°4′ |
| 56 | 8-14 | 55s,53 G | |
| 57 | 5- 7 | 55,45 G | |
| 58 | 8- 9 | | 0",6 G |
| | | III. | |
| | | 18h 50m | 72°2′ |
| 71 | 8-27 | 35s,26 G | 57",9 G |
| | 8-28 | 35,17 G | 58,1 G |

**25022 P. — 35346 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 50m | 66°36′ |
| 58 | 9-10 | | 38",2 G |
| | | III. | |
| | | 18h 50m | 66°35′ |
| 70 | 7-29 | 38s,52 G | 36",4 G |
| | 8- 6 | 38,54 G | 35,4 G |

**25023 P. — 7817 Brux.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 50m | 57°32′ |
| 63 | 7- 4[1] | 5s,70 M | 5",0 M |

[1] Observation de distance polaire faite dans la même position du cercle que celle de γ Lyre, avec une différence de 2t 6p,0 dans la lecture au micromètre. On l'avait supposée par erreur faite dans la même position que l'observation de Pallas.

**25024 P. — 35322 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 49m | 87°43′ |
| 56 | 9- 6 | 55s,13 G | |
| 57 | 7-19 | | 3",7 G |
| 58 | 7-13[1] | 55,34 G | |
| | | III. | |
| | | 18h 50m | 87°41′ |
| 71 | 8- 5 | 40s,35 M | 58",7 M |
| | 8- 8 | 40,44 M | 59,8 M |

[1] 𝒜 diminuée de 0s,20 : erreur de 1t sur un fil.

**25025 P. — 35285-86 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 49m | 115°3′ |
| 57 | 6-29 | 45s,65 G | |
| | | III. | |
| | | 18h 50m | 115°2′ |
| 79 | 8-20 | 40s,69 J | 26",3 J |
| | 9- 1 | 40,64 J | 25,7 J |
| | 9- 8 | 40,46 J | 27,1 J |
| 80 | 8- 3 | 40,33 M | 27,0 M |
| 81 | 7-13 | 40,56 M | 27,3 M |
| | 7-26 | 40,60 M | 25,6 M |

**25026 P. — 1532 W2.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h 50m | 72°12′ |
| 71 | 7-20 | | 3",6 G |
| | 9- 2 | 41s,45 G | 5,9 G |

**25027 P. — 35300 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 49m | 110°36′ |
| 55 | 7- 7 | 52s,37 G | |
| | | III. | |
| | | 18h 50m | 110°35′ |
| 79 | 7-28 | 45s,75 J | 15",5 J |
| | 8-16 | 45,74 J | 14,9 J |

**25028 P. — 35373 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 50m | 53°26′ |
| 58 | 8- 2 | 14s,69 G | 9",7 G |
| | | III. | |
| | | 18h 50m | 53°25′ |
| 79 | 7-17 | 46s,25 G | |
| | 7-29[1] | 46,22 G | 3",0 G |

[1] 𝒫 augmentée de 5" : err. de moy.

**25029 P. — 1539-40 W2.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 50m | 67°5′ |
| 59 | 8-22[1] | 10s,67 G | |

[1] 𝒜 augmentée de 0s,11 : erreur de réduction.

**25030 P. — 35390 et 92 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h 49m | 48°35′ |
| 40 | 9-30 | 54s,31 G | |
| | | III. | |
| | | 18h 50m | 48°33′ |
| 80 | 7-10 | 52s,06 G | 21",6 G |
| | 8-30[1] | 51,87 G | 22,3 G |

[1] 𝒜 augmentée de 1s : err. de réduct.

**25031 P. — 35356 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h 50m | 70°19′ |
| 56 | 6-25 | | 54",9 G |
| 59 | 6-13 | 13s,67 G | |
| | | III. | |
| | | 18h 50m | 70°18′ |
| 79 | 7-10 | 52s,86 G | 47",7 G |

**25032 P. — 35330 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h 49m | 87°39′ |
| 39 | 7- 3 | 28s,90 G | |
| | 7-16 | 28,87 G | |
| | 7-27 | 28,95 G | |
| | 7-28 | 28,90 G | |
| | 8-15 | 28,78 G | |
| | 8-19 | 28,97 G | |
| | 8-21 | 28,89 G | 48",5 F |
| 46 | 8-21 | 28,85 G | |
| | 9- 2 | | 48,7 G |
| 48 | 7-12 | 28,89 G | |
| | 9- 8 | 28,72 G | |
| | | II. | |
| | | 18h 50m | 87°38′ |
| 56 | 4-16 | 14s,15 G | |
| | 4-17 | 14,16 G | 41",5 G |
| | 4-19 | 14,03 G | 42,6 G |
| | 4-20 | 14,14 G | 42,8 G |
| | 4-21 | 14,02 G | |
| | 4-22 | 14,01 G | 43,7 G |
| | 4-23 | 14,19 G | |
| | 4-24 | 14,04 G | |
| | 5- 4 | 14,23 G | 42,4 G |
| | 5-22 | 13,84 G | |
| | 5-25 | 13,99 G | 44,0 G |
| | 5-31 | 14,15 G | |
| | 6- 8 | 14,09 G | 43,5 G |
| | 6-10 | 14,06 G | |
| | 6-12 | 13,87 G | 44,7 G |
| | 6-26 | 14,05 G | 42,7 G |
| | 6-27 | 14,11 G | 43,0 G |
| | 6-28 | 14,29 G | 42,4 G |
| | 7- 6 | 14,20 G | 42,5 G |
| | 7-22 | 14,05 G | 43,0 G |
| | 7-23 | 14,10 G | |
| | 7-25 | 14,16 G | 43,3 G |
| | 7-31 | | 43,1 G |
| | 8- 4 | 13.99 G | |
| | 8- 5 | 14,10 G | 43,4 G |
| | 8- 7 | | 42,7 G |
| | 8- 9 | 14,15 G | |
| | 8-10 | 14,17 G | |
| | 8-12 | 13,97 G | |
| | 8-13 | | 43,4 G |
| | 8-14 | | 44,0 G |
| | 8-23 | 14,13 G | 43,1 G |
| | 8-30 | 14,13 G | |
| | 8-31 | 14,03 G | 44,4 G |
| | 9- 2 | 14,13 G | |
| | 9- 3 | 13,96 G | |
| | 9- 4 | 13,95 G | 43,5 G |
| | 9- 5 | 14,09 G | 43,5 G |
| | 9- 6 | 14,08 G | 44,3 G |
| | 9- 8 | | 43,7 G |
| | 9-14[1] | 14,13 G | 43,5 G |
| | 9-19 | | 44,1 G |
| 57 | 4-18 | 14,03 G | |
| | 4-19 | 14,13 G | |
| | 4-24 | 14,00 G | |
| | 5-14 | 14,08 G | |
| | 5-19 | 14,06 G | 42,9 G |
| | 6- 4[2] | 13,91 G | |
| | 7-19 | 14,11 G | 41,9 G |
| | 7-27 | 14,20 G | |
| | 7-28 | 14,20 G | 41,5 G |
| | 8- 3 | 14,18 G | 42,4 G |
| | 8-20 | 14,11 G | |
| 58 | 6- 3 | | 42,2 F |
| | 6- 7 | 14,01 G | |
| | 7-13 | 14,17 G | 42,7 G |
| 60 | 6-23 | 14,17 G | 43,8 G |

[1] 𝒜 diminuée de 1m.

[2] 𝒜 augm. de 0s,20 : err. de 1t sur un fil.

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜. 𝒫.)

**25033 P. — 35369 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 18h 50m | 59°50′ |
| 69 | 7-21 | 59s,84 M | 54″,6 M |
| 74 | 8-26 | 59,62 M | 55,1 M |
| 75 | 7-28 | 59,84 G | 53,8 G |
| | 8-25 | 59,81 G | |

**25034 P. — 35364 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 18h 49m | 67°7′ |
| 41 | 8-19 | 46s,21 G | |
| | 8-22 | 46,17 G | |
| | 8-24 | 46,22 G | |
| | II. | 18h 50m | 67°6′ |
| 58 | 8-28 | 24s,11 G | 35″,5 G |
| 59 | 7-26 | 24,11 G | |
| | 8-22 | 24,33 G | 35,3 G |
| | III. | 18h 51m | 67°5′ |
| 70 | 7-23 | 2s,12 G | |

**25035 P. — 35398 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 18h 51m | 47°35′ |
| 75 | 7-31 | 3s,07 M | 22″,7 M |
| 76 | 7-27 | 3,05 M | 20,8 M |
| | 8-4 | 3,08 M | 21,0 M |

**25036 P. — 35340 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 18h 50m | 84°9′ |
| 58 | 7-1 | | 32″,8 G |
| 61 | 8-5 | 21s,03 G | |
| 62 | 6-26 | 21,05 G | 32,6 G |

**25037 P. — 35317 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 18h 50m | 108°42′ |
| 54 | 8-29 | 16s,17 G | |
| | III. | 18h 51m | 108°41′ |
| 70 | 7-21 | 9s,17 M | 47″,8 G |
| 75 | 7-15 | 9,03 G | 47,6 G |
| | 7-23 | 9,28 G | 46,0 G |

**25038 P. — 35338 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 18h 50m | 90°42′ |
| 56 | 7-28 | 24s,05 G | |
| 57 | 7-10 | | 23″,4 G |
| | 7-31 | | 25,5 G |
| | 8-2 | 24,10 G | 23,0 G |
| | 8-11 | | 23,9 G |

**25038 P. (suite).**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 18h 51m | 90°41′ |
| 68 | 8-7 | 10s,50 M | 18″,6 M |
| 77 | 7-26 | 10,23 G | |
| | 7-30 | 10,47 G | |
| | 8-2 | 10,19 G | |
| 78 | 7-18 | 10,36 G | 19,4 G |
| | 7-28 | 10,36 G | 18,0 G |

**25039 P. — 4931 Sf. — 22°.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 18h 49m | 113°0′ |
| 45 | 7-23 | 22s,70 G | |

**25040 P. — 35310 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 18h 50m | 115°18′ |
| 57 | 8-12 | 20s,03 G | 61″,9 G |
| 58 | 8-4 | 20,14 G | 59,2 G |

**25041 P. — 18138 $Mn_1$.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 18h 50m | 80°7′ |
| 58 | 9-27[1] | 35s,27 G | |

[1] Erreur de 5° dans la décl. approchée inscrite au Tome XIV. Le Cahier porte ✶ $h = 55°50'$, il faut lire ✶ $h = 50°55'$.

**25042 P. — 35404 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 18h 50m | 50°1′ |
| 40 | 9-10 | | 13″,1 G |
| | 9-12 | 18s,95 G | |
| 43 | 7-18 | 18,99 G | |
| | 7-19 | 18,74 G | |
| | II. | 18h 50m | 50°0′ |
| 67 | 8-13 | 48s,67 G | 6″,7 G |
| | III. | 18h 51m | 49°59′ |
| 68 | 7-31 | 18s,29 G | |
| | 8-4 | 18,22 G | 1″,5 G |
| 69 | 7-22 | 18,20 M | 0,8 M |

**25043 P. — 5348 Sf. — 20°.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 18h 49m | 110°51′ |
| 48 | 7-5 | 31s,95 G | |
| | 7-6 | 32,04 G | |
| | 7-7 | 32,14 G | |

**25044 P. — 1562 $W_2$.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 18h 50m | 56°23′ |
| 57 | 9-8 | 52s,60 G | |

**25045 P. — 35365 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 18h 50m | 76°49′ |
| 40 | 8-31 | 3s,56 G | |
| 41 | 8-20 | 3,67 G | |
| | 9-8 | 3,63 G | |
| | II. | 18h 50m | 76°48′ |
| 56 | 8-13 | 45s,12 G | |
| 58 | 8-5 | 45,02 G | 33″,9 G |
| | 9-12 | | 34,9 G |

**25046 P. — 35423-24 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 18h 50m | 41°19′ |
| 41 | 7-6[1] | | 52″,2 F |
| 45 | 8-12 | 41s,85 G | |
| | 8-16 | 41,80 G | |
| | 8-19 | 41,81 G | |
| | III. | 18h 51m | 41°17′ |
| 80 | 8-23 | 29s,10 J | 47″,4 J |

[1] Observation de distance polaire faite près du zénith, sans indication de la position de l'observateur. On n'a pas tenu compte de la valeur de l'équation personnelle dans la réduction de l'observation.

**25047 P. — 35328 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 18h 50m | 104°57′ |
| 54 | 9-20 | 38s,36 G | |
| 61 | 8-22 | 38,38 G | 7″,4 G |
| | III. | 18h 51m | 104°55′ |
| 78 | 9-2 | 29s,66 M | 58″,5 M |

**25048 P. — 35367-68 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 18h 50m | 75°20′ |
| 59 | 8-13 | | 57″,9 G |
| | 8-28 | 49s,02 G | 57,4 G |
| | III. | 18h 51m | 75°19′ |
| 71 | 7-21 | 29s,89 M | |
| | 8-12 | 30,12 G | 50″,6 G |
| | 8-13 | 30,12 G | |

**25049 P. — 35418 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 18h 50m | 46°15′ |
| 40 | 8-31 | | 19″,0 F |
| 46 | 7-11 | | 18,9 G |
| | 8-26 | | 18,6 G |
| | 9-29 | 37s,08 G | |
| | III. | 18h 51m | 46°13′ |
| 81 | 7-17 | 31s,99 G | 2″,4 G |

**25050 P. — 2720 Gr.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 18h 51m | 32°42′ |
| 41 | 7-3 | | 34″,0 F |

**25051 P. — 35416 17 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 18h 50m | 48°8′ |
| 40 | 9-10 | | 22″,7 F |
| | II. | 18h 51m | 48°7′ |
| 67 | 9-6 | 9s,00 M | 14″,4 M |
| | III. | 18h 51m | 48°6′ |
| 79 | 8-11 | 37s,36 G | 9″,1 G |

**25052 P. — 35415 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 18h 50m | 49°59′ |
| 40 | 9-10 | 40s,02 G | |
| | III. | 18h 51m | 49°57′ |
| 80 | 9-3 | 39s,56 G | |

**25053 P. — 35400-01 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 18h 51m | 61°59′ |
| 58 | 8-8 | | 4″,8 G |
| 60 | 8-4 | 4s,77 G | 4,7 G |
| | III. | 18h 51m | 61°57′ |
| 73 | 7-17 | 40s,46 G | 57″,0 G |

**25054 P. — 3720 A + 14°.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 18h 51m | 75°46′ |
| 58 | 7-26[1] | 0s,41 G | 43″,1 G |

[1] Erreur de 20° dans la déclin. indiquée comme correspondant à l'obs. d'asc. dr. Le Cahier-minute porte bien $h = 35°23'$, mais il faut $h = 55°23'$ (dist. des fils).

Dates 1800 + / Positions moyennes pour les époques du Catal.

### 25055 P. — 35394 et 410 L.

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | I. | |
| | | 18$^h$50$^m$ | 67°23′ |
| 41 | 8-27 | 30$^s$,46 G | |
| | 8-28 | 30,57 G | |
| | 8-30 | 30,53 G | 34″,2 G |
| | 9-10 | 30,45 G | |
| | | III. | |
| | | 18$^h$51$^m$ | 67°21′ |
| 71 | 8-26 | 46$^s$,39 M | |
| | 8-26 | 46,16 G | 16″,2 G |
| 73 | 8- 1 | 46,30 G | |
| | 8- 4 | 46,28 G | |
| 75 | 7-12 | 46,39 G | 15,4 G |
| | 7-23 | 46,38 M | 17,0 M |
| | 7-26 | 46,46 G | |
| | 7-31 | 46,24 G | 16,6 G |
| 76 | 7-19 | 46,28 M | 17,8 M |
| | 7-26 | 46,37 M | 17,6 M |
| | 8- 7 | 46,43 M | 17,4 M |
| | 8-12 | 46,27 M | 17,4 M |

### 25056 P. — 3632 A + 15°.

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$51$^m$ | 74°39′ |
| 59 | 7-17 | 11$^s$,46 G | |

### 25057 P. — 35354 L.

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | I. | |
| | | 18$^h$50$^m$ | 106°3′ |
| 41 | 9-22 | | 51″,2 F |
| | | II. | |
| | | 18$^h$51$^m$ | 106°2′ |
| 55 | 6-24 | 3$^s$,33 G | |
| 60 | 8- 9 | 3,05 G | 45″,4 G |
| | 8-10 | 3,23 G | 44,4 G |
| 61 | 8-21 | 3,11 G | 45,9 G |
| | 8-27 | 2,89 G | 45,0 G |
| | | III. | |
| | | 18$^h$51$^m$ | 106°1′ |
| 70 | 7-18 | 54$^s$,81 M | 36″,7 M |
| | 7-23 | 54,71 M | 36,4 M |

### 25058 P. — 35396 L.

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | III. | |
| | | 18$^h$51$^m$ | 71°34′ |
| 71 | 7- 5 | 55$^s$,99 G | 35″,5 G |
| | 7-28 | 56,11 G | |

### 25059 P. — 35429 L.

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | III. | |
| | | 18$^h$51$^m$ | 47°57′ |
| 80 | 8- 8 | 57$^s$,09 G | 6″,3 G |
| 81 | 7-19 | 56,82 G | 7,4 G |

### 25060 P. — 3670 A + 25°.

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$51$^m$ | 64°2′ |
| 58 | 9-14 | 20$^s$,87 G | |

### 25061 P. — 35405 L.

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$51$^m$ | 64°10′ |
| 58 | 7-17 | | 58″,4 G |
| | | III. | |
| | | 18$^h$51$^m$ | 64°9′ |
| 79 | 8-12 | 57$^s$,78 G | 53″,0 G |
| | 8-16 | 57,64 G | 51,8 G |

### 25062 P. — 35362-63 L.

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$51$^m$ | 102°46′ |
| 54 | 10- 1 | 10$^s$,08 G | |
| 58 | 6-12 | | 24″,3 G |
| | | III. | |
| | | 18$^h$52$^m$ | 102°45′ |
| 78 | 8- 2 | 0$^s$,65 G | 16″,6 G |
| | 8- 6 | 0,75 G | |
| | 8- 7 | 0,67 G | 17,6 G |
| | 8-14 | 0,51 G | 15,6 G |

### 25063 P. — 18913 A.O.

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | I. | |
| | | 18$^h$50$^m$ | 109°28′ |
| 40 | 7-17 | 16$^s$,72 G | |
| 41 | 8- 5 | 16,52 G | |
| | 8- 6 | 16,65 G | |
| 42 | 7-13 | 16,50 G | |
| | 7-15 | 16,76 G | |

### 25064 P. — 35407 L.

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$51$^m$ | 64°5′ |
| 58 | 7-17 | 26$^s$,19 G | |
| | 9-14 | 26,28 G | 13″,5 G |
| | | III. | |
| | | 18$^h$52$^m$ | 64°3′ |
| 79 | 6-23 | 2$^s$,85 G | |
| | 8-26 [1] | 2,83 G | 57″,8 G |
| 80 | 7- 5 | | 63,4 G |

[1] $\mathcal{P}$ non comprise dans le Cat.

### 25065 P. — 35378 L.

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$51$^m$ | 91°45′ |
| 55 | 8-23 | 16$^s$,32 G | |
| 59 | 7-12 | 16,46 G | 56″,2 G |
| | 8- 6 | 16,49 G | |
| | | III. | |
| | | 18$^h$52$^m$ | 91°44′ |
| 78 | 7-23 | 2$^s$,99 G | 47″,8 G |
| | 7-30 [1] | 3,14 G | 39,0 G |
| | 7-31 | 3,13 G | 49,3 G |

[1] $\mathcal{P}$ non comprise dans la moyenne.

### 25066 P. — 35381 L.

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$51$^m$ | 90°22′ |
| 56 | 7-26 | 17$^s$,52 G | 15″,6 G |
| | | III. | |
| | | 18$^h$52$^m$ | 90°21′ |
| 69 | 7-26 | 3$^s$,84 M | 10″,6 M |
| 76 | 8- 3 | 3,63 G | 9,7 G |
| | 8- 4 | | 10,1 G |
| | 8- 8 | 3,60 G | 9,6 G |
| | 8- 9 | | 9,2 G |
| | 8-11 | 3,66 G | 9,7 G |

### 25067 P. — 35385 L.

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$51$^m$ | 88°59′ |
| 56 | 7- 3 | 18$^s$,91 G | |
| 57 | 8-28 | | 10″,2 G |
| 63 | 8- 8 | 18,78 M | 10,9 M |
| | | III. | |
| | | 18$^h$52$^m$ | 88°58′ |
| 71 | 8-12 | | 3″,2 M |

### 25068 P. — 35370 L.

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$51$^m$ | 95°49′ |
| 55 | 8-13 | 18$^s$,55 G | |
| | 8-20 | | 11″,8 G |
| | | III. | |
| | | 18$^h$52$^m$ | 95°48′ |
| 69 | 7-27 | 6$^s$,64 M | 6″,6 M |
| 74 | 7-14 | 6,77 G | 5,7 G |
| | 7-15 | 6,75 G | 5,5 G |
| | 7-18 | 6,69 G | 5,3 G |

### 25069 P. — 35359 L.

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | I. | |
| | | 18$^h$50$^m$ | 108°46′ |
| 40 | 7-17 | | 11″,0 F |
| | 7-27 | 22$^s$,50 G | |
| | | II. | |
| | | 18$^h$51$^m$ | 108°45′ |
| 54 | 9-18 | 15$^s$,09 G | |
| 59 | 7-11 | 15,15 G | 7″,7 G |
| | | III. | |
| | | 18$^h$52$^m$ | 108°44′ |
| 79 | 7-29 | 7$^s$,83 J | 0″,4 J |

### 25070 P. — 35343-44 L.

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$51$^m$ | 118°14′ |
| 55 | 6-30 | 12$^s$,56 G | 13″,9 G |
| | | III. | |
| | | 18$^h$52$^m$ | 118°13′ |
| 79 | 8-12 | 9$^s$,04 M | 8″,8 M |

### 25071 P. — 1299 W$_1$.

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$51$^m$ | 91°47′ |
| 59 | 8- 5 | 27$^s$,61 G | |
| | 8- 6 | | 44″,5 G |

### 25072 P. — 35384 et 86 L.

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$51$^m$ | 94°54′ |
| 56 | 7-31 | 27$^s$,50 G | |
| | 8- 3 | | 46″,1 G |
| 57 | 8-24 | 27,44 G | |
| 58 | 9- 8 | 27,50 G | 45,0 G |
| | | III. | |
| | | 18$^h$52$^m$ | 94°53′ |
| 68 | 8- 4 | 15$^s$,33 M | 36″,6 M |
| | 9- 2 | 15,20 M | 37,8 M |

### 25073 P. — 35395 L.

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$51$^m$ | 83°56′ |
| 56 | 7-29 | 33$^s$,08 G | 27″,7 G |
| 57 | 8- 6 | 33,05 G | 27,9 G |
| | 8- 7 | 33,00 G | 27,0 G |
| 59 | 7- 2 | 33,17 G | |

### 25074 P. — 35403 L.

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 18$^h$51$^m$ | 78°9′ |
| 58 | 8- 3 | 36$^s$,08 G | 25″,8 G |
| | 9- 8 | | 26,6 F |
| | | III. | |
| | | 18$^h$52$^m$ | 78°8′ |
| 71 | 7-31 | 17$^s$,93 G | |

### 25075 P. — 35425 à 27 L[1].

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | I. | |
| | | 18$^h$51$^m$ | 57°17′ |
| 39 | 6-26 | 12$^s$,94 G | |
| | 8-24 | 12,79 G | 36″,3 F |
| 40 | 7-14 | 12,92 G | 38,0 F |
| | 8-29 | 12,90 G | |
| | 9-21 | 12,94 G | |
| 46 | 6-28 | 13,14 G | |
| | 7- 1 | 12,94 G | 37,9 G |
| | 7- 3 | 12,99 G | 38,0 G |
| | 8-13 | 13,17 G | |
| | 8-14 | 13,18 G | |
| 47 | 8-25 | 12,99 G | |
| | 8-26 | 12,97 G | |
| | 8-28 | 13,05 G | |
| 50 | 7-22 | | 38,5 G |
| 53 | 4-26 [2] | 13,08 G | 39,1 G |
| | | II. | |
| | | 18$^h$51$^m$ | 57°16′ |
| 58 | 10- 4 [3] | 46$^s$,75 G | |

### 25075 P. (suite).

| Dates 1800+ A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 18$^h$52$^m$ | 57°15′ |
| 80 8- 5 | 20$^s$,45 M | 27",5 M |
| 8- 8 | 20,41 M | 27,5 M |
| 81 7-10 | 20,47 M | 29,0 M |

[1] La dist. pol. de 35425 Lal. doit être dim. de 10" : err. de réduct. de Baily.
[2] D augmentée de 5'.
[3] Æ diminuée de 11$^s$ : erreur de moy.

### 25076 P. — 35376-77 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 18$^h$51$^m$ | 103°1′ |
| 57 6-13 | 31$^s$,78 G | |
| 58 6-12 | | 35",6 F |
| 59 7-17 | | 35,0 G |
| 60 6-29 | 31,54 G | |
| 8-17 | 31,69 G | 34,7 F |
| 9- 6 | | 34,8 G |
| 67 7-19 | 31,81 M | 35,0 M |

### 25077 P. — 35412 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 18$^h$52$^m$ | 69°20′ |
| 73 7-18 | 22$^s$,57 G | |
| 75 8-11 | 22,60 M | 24",8 M |
| 76 8- 8 | 22,55 M | 25,2 M |

### 25078 P. — 1586 W$_2$.

| A. M. J. | Æ. | D. |
|---|---|---|
| | I. | |
| | 18$^h$51$^m$ | 74°58′ |
| 40 7-16 | 2$^s$,77 G | 53",3 F |
| 8- 1 | 2,66 G | |
| 8- 3 | 2,67 G | |
| 8- 4 | 2,95 G | 52,8 F |
| 8- 5 | 2,94 G | |
| 41 7- 6 | 2,86 G | |

### 25079 P. — 35389 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | I. | |
| | 18$^h$50$^m$ | 98°21′ |
| 41 9-11[1] | 50$^s$,01 G | |
| 9-19 | 50,22 G | |
| | II. | |
| | 18$^h$51$^m$ | 98°20′ |
| 56 8- 1 | 39$^s$,18 G | 44",3 G |
| 8- 2 | 39,07 G | |
| | III. | |
| | 18$^h$52$^m$ | 98°19′ |
| 74 7- 6 | 28$^s$,11 G | |
| 7- 8 | 28,07 G | 35",4 G |
| 7-13 | 28,04 G | 36,9 G |

[1] Æ augmentée de 2$^s$ : erreur de réduct.

### 25080 P. — 35374 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 18$^h$51$^m$ | 108°37′ |
| 55 7-13 | 38$^s$,62 G | |
| 57 9- 5 | | 21",4 G |

### 25080 P. (suite).

| A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 18$^h$52$^m$ | 108°36′ |
| 79 8- 2 | 31$^s$,30 M | 13",5 M |

### 25081 P. — 35397 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 18$^h$51$^m$ | 90°41′ |
| 56 8-24 | 45$^s$,23 G | 6",8 G |
| 57 7-13 | 45,32 G | |
| 8-13 | | 9,2 G |
| 8-17 | 45,35 G | |
| 8-25 | 45,34 G | 7,8 G |
| | III. | |
| | 18$^h$52$^m$ | 90°40′ |
| 76 7-19 | 31$^s$,64 G | 3",0 G |
| 7-20 | 31,49 G | 2,7 G |
| 8- 1 | 31,48 G | 1,9 G |

### 25082 P. — 35421 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 18$^h$52$^m$ | 72°49′ |
| 58 7- 7[1] | | 28",9 G |
| 7-11 | | 27,6 G |
| 60 9-12 | 0$^s$,87 G | 29,2 G |
| | III. | |
| | 18$^h$52$^m$ | 72°48′ |
| 80 7-19 | 41$^s$,02 M | 19",4 M |
| 7-27 | 40,91 G | 21,0 G |

[1] D diminuée de 5" : erreur de 10" sur l'un des deux microscopes lus.

### 25083 P. — 35408 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 18$^h$51$^m$ | 84°3′ |
| 57 7-18 | 57$^s$,27 G | 51",8 G |
| 8-21 | 56,97 G | 51,4 G |
| 8-22 | 57,24 G | 53,1 G |
| 59 8-23 | 57,17 G | 53,7 G |
| 61 8-14[1] | 57,28 G | |

[1] Æ augmentée de 1$^h$ : err. d'impression

### 25084 P. — 35466 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 18$^h$52$^m$ | 44°39′ |
| 80 8-10 | 42$^s$,37 G | 31",4 G |
| 8-26 | 42,26 J | 31,9 J |

### 25085 P. — 18928 A.O.

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 18$^h$51$^m$ | 117°50′ |
| 58 8-19 | 46$^s$,95 G | |

### 25086 P. — 35479 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 18$^h$52$^m$ | 40°21′ |
| 81 7- 6 | 43$^s$,99 M | 48",6 M |
| 7-18 | 44,05 M | 47,9 M |
| 7-29 | 44,13 M | 47,5 M |
| 8- 8 | 44,18 M | 47,5 M |

### 25087 P. — 35371-72 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | I. | |
| | 18$^h$50$^m$ | 115°9′ |
| 41 9- 1 | 53$^s$,99 G | |
| | II. | |
| | 18$^h$51$^m$ | 115°7′ |
| 55 7-12 | 49$^s$,17 G | |
| 59 8- 3 | | 56",1 G |
| 60 9- 1 | 49,17 G | 57,1 G |

### 25088 P. — 35451 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 18$^h$52$^m$ | 53°42′ |
| 66 7-25 | 14$^s$,18 G | 51",1 G |
| | III. | |
| | 18$^h$52$^m$ | 53°41′ |
| 81 7-10 | 45$^s$,92 J | 42",7 J |
| 7-11 | 46,02 J | 43,5 J |
| 8- 4 | 45,82 J | 43,7 J |

### 25089 P. — 35402 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 18$^h$52$^m$ | 95°38′ |
| 56 8- 2 | | 11",3 G |
| | III. | |
| | 18$^h$52$^m$ | 95°37′ |
| 68 9- 8 | 48$^s$,09 M | 4",6 M |
| 69 7-30 | 48,24 M | 6,7 M |

### 25090 P. — 35393 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 18$^h$51$^m$ | 105°53′ |
| 59 8-16 | | 18",1 G |
| 61 9- 5 | 57$^s$,49 G | 18,8 G |
| 67 7-29 | 57,47 M | 17,0 M |
| | III. | |
| | 18$^h$52$^m$ | 105°52′ |
| 68 7-18 | 48$^s$,90 M | 10",0 M |

### 25091 P. — 25987 Gould.

| A. M. J. | Æ. | D. |
|---|---|---|
| | I. | |
| | 18$^h$50$^m$ | 123°26′ |
| 48 6-16 | 51$^s$,19 G | |

### 25092 P. — 35406 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 18$^h$52$^m$ | 91°32′ |
| 69 7-29 | 50$^s$,19 M | 9",9 M |
| 8- 6 | 50,14 M | 10,3 M |

### 25093 P. — 35460-61 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 18$^h$52$^m$ | 51°21′ |
| 81 7-13 | 52$^s$,40 J | 59",5 J |
| 8- 5 | 52,08 J | 59,6 J |

### 25094 P. — 18934 A.O.

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 18$^h$52$^m$ | 105°56′ |
| 61 9- 5 | | 8",1 G |

### 25095 P. — 35448, 50 et 52 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | I. | |
| | 18$^h$51$^m$ | 57°12′ |
| 39 8-24 | 47$^s$,07 G | 54",6 F |
| 40 8-29 | 46,99 G | |
| 53 6-27 | 46,94 G | |
| 6-28 | 46,95 G | |
| 9-26[1] | 47,06 G | 50,9 G |
| | II. | |
| | 18$^h$52$^m$ | 57°11′ |
| 58 10- 4 | 20$^s$,71 G | |
| | III. | |
| | 18$^h$52$^m$ | 57°10′ |
| 81 7-16 | 54$^s$,04 M | 36",9 M |

[1] D augm. de 5'.

### 25096 P. — 35431 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 18$^h$52$^m$ | 71°39′ |
| 58 6- 3 | | 46",8 G |
| | III. | |
| | 18$^h$52$^m$ | 71°38′ |
| 80 8- 4 | 59$^s$,57 M | 35",5 M |
| 81 7-19 | 59,31 M | 35,7 M |
| 8- 4 | 59,52 M | 35,6 M |

### 25097 P. — 35388 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 18$^h$52$^m$ | 82°54′ |
| 72 7-16 | 59$^s$,74 G | |
| 73 7-25 | 59,63 M | 25",5 M |
| 8- 2 | 59,59 M | 24,0 M |
| 8- 6 | 59,56 M | 24,5 M |
| 74 7-29 | 59,72 M | 25,2 M |
| 7-30 | 59,66 M | 24,2 M |
| 7-31 | 59,71 M | 23,7 M |
| 8- 6[1] | 59,69 M | 25,1 M |
| 80 7- 5 | 59,60 M | 24,8 M |
| 7-27 | 59,70 M | 25,1 M |
| 7-29 | 59,72 M | 25,6 M |

[1] Æ augmentée de 1$^m$.

Dates 1800 + — Positions moyennes pour les époques du Catal.

### 25098 P. — 264 Piazzi.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $18^h 52^m$ | 43° 26′ |
| 40 | 8-15 | $8^s,82$ G | |
| | 8-16 | 9,01 G | |

### 25099 P. — 35433 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h 52^m$ | 68° 30′ |
| 59 | 8-10 | $21^s,71$ G | |
| | | III. | |
| | | $18^h 53^m$ | 68° 29′ |
| 70 | 7-16 | $0^s,25$ G | |
| | 7-18 | 0,16 G | 27″,1 G |
| 74 | 7-20 | 0,27 M | 27,5 M |

### 25100 P. — 35409 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h 52^m$ | 94° 10′ |
| 58 | 9-26 | $13^s,88$ G | 7″,2 G |
| | | III. | |
| | | $18^h 53^m$ | 94° 9′ |
| 76 | 8-10 | $1^s,44$ G | 0″,8 G |
| | 8-12 | 1,47 G | 1,2 G |
| 77 | 7-11 | 1,36 G | |

### 25101 P. — 35430 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $18^h 51^m$ | 76° 17′ |
| 39 | 7-27 | $40^s,12$ G | |
| | 7-28 | 40,12 G | 49″,6 F |
| 41 | 8-18 | 40,04 G | |
| | 9-11 | | 50,2 F |
| 43 | 8-30[1] | 39,89 G | |
| 46 | 7- 7 | | 49,2 G |
| | 7-12 | 39,85 G | |
| | 7-17 | 40,06 G | |
| | 8-29 | 39,96 G | |
| 47 | 9- 6 | 40,08 G | |
| | | II. | |
| | | $18^h 52^m$ | 76° 16′ |
| 57 | 6- 6 | | 42″,7 G |
| 59 | 7- 9 | $21^s,42$ G | |
| | | III. | |
| | | $18^h 53^m$ | 76° 15′ |
| 71 | 8- 1 | $2^s,64$ G | |
| | 8-10 | 2,73 G | |

[1] 𝒜 diminuée de 1ˢ : erreur de réduct. Erreur de 3° dans la déclinaison approchée inscrite au tome V (distance des fils). Le cahier-minute porte d'ailleurs

★ $h = 54° 47'$.

### 25102 P. — 35440 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $18^h 53^m$ | 65° 27′ |
| 70 | 8- 6[1] | $2^s,79$ G | 26″,6 G |
| 74 | 7-27 | 2,55 M | 30,6 M |
| 75 | 7-19 | 2,72 G | 29,0 G |
| | 7-20 | 2,75 G | |

[1] 𝒫 diminuée de 1″.

### 25103 P. — 18935-36 A.O.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $18^h 51^m$ | 113° 4′ |
| 45 | 7-23 | $14^s,62$ G | |

### 25104 P. — 35419 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h 52^m$ | 88° 46′ |
| 57 | 5-27 | | 53″,9 G |
| 58 | 7- 3 | $17^s,80$ G | 52,4 G |
| | 7-19 | 17,64 G | |
| | 9- 6 | 17,82 G | 53,2 G |

### 25105 P. — 35441 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $18^h 53^m$ | 66° 19′ |
| 81 | 7-28 | $5^s,20$ J | 7″,7 J |
| | 8-14 | 4,93 J | 9,1 J |

### 25106 P. — 35413-14 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h 52^m$ | 93° 1′ |
| 55 | 9- 7 | | 25″,0 G |
| 57 | 7-24 | $17^s,98$ G | 24,5 G |
| | 8- 9 | 17,92 G | |
| | 8-27 | | 24,1 G |
| 62 | 6-25 | 18,18 G | |
| | | III. | |
| | | $18^h 53^m$ | 93° 0′ |
| 76 | 8-25 | $5^s,09$ G | 17″,2 G |

### 25107 P. — 35454-55 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h 52^m$ | 62° 1′ |
| 60 | 8- 4 | $31^s,29$ G | 27″,1 G |

### 25108 P. — 1320 $W_1$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h 52^m$ | 94° 12′ |
| 58 | 9-26 | $22^s,41$ G | |

### 25109 P. — 18943 A.O.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $18^h 51^m$ | 109° 52′ |
| 41 | 9-22 | $27^s,27$ G | |

### 25110 P. — 35453 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $18^h 53^m$ | 66° 21′ |
| 81 | 8- 6 | $15^s,15$ J | 44″,4 J |
| | 8- 8 | 15,07 J | 43,3 J |

### 25111 P. — 35446 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h 52^m$ | 69° 33′ |
| 58 | 9-10 | | 50″,8 G |
| | | III. | |
| | | $18^h 53^m$ | 69° 32′ |
| 81 | 8- 5 | $17^s,91$ M | 45″,4 M |

### 25112 P. — 35445 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $18^h 53^m$ | 70° 22′ |
| 71 | 8- 7 | $19^s,01$ M | 27″,0 M |
| | 8- 7 | 18,97 G | 27,0 G |
| | 8- 9 | 18,76 G | 26,8 G |

### 25113 P. — 3276 A + 32°.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h 52^m$ | 57° 27′ |
| 61 | 7-19[1] | $45^s,94$ G | |

[1] 𝒜 diminuée de 1ˢ: correction indiquée par l'observateur pour cette observation et celle de γ Lyre qui suit dans la série.

### 25114 P. — 35436 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $18^h 51^m$ | 76° 34′ |
| 43 | 9- 5 | $57^s,71$ G | |
| 46 | 7- 7 | 57,72 G | |
| | 7-26 | 57,56 G | |
| 47 | 6-12 | 57,41 G | |
| 49 | 7-13 | 57,47 G | |
| | | II. | |
| | | $18^h 52^m$ | 76° 33′ |
| 58 | 8- 9 | | 38″,9 G |
| | 8-16 | $38^s,93$ G | 38,9 G |
| | 9-25[1] | | 39,7 G |
| 59 | 7-10 | 39,05 G | |

[1] 𝒫 diminuée de 10″ : erreur de 20″ sur l'un des 2 microscopes lus.

### 25115 P. — 35434 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h 52^m$ | 80° 2′ |
| 56 | 6-30 | $39^s,04$ G | |
| | 9-27 | | 50″,1 G |
| 58 | 9-13 | | 50,2 G |
| 59 | 7- 5 | 39,25 G | 50,3 G |
| | 8-24 | 39,17 G | |
| 62 | 9- 5 | 39,13 G | |

### 25116 P. — 3420 A + 29°.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h 52^m$ | 60° 0′ |
| 61 | 7-15 | $48^s,85$ G | |

### 25117 P. — 35495 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $18^h 52^m$ | 44° 20′ |
| 40 | 8-28 | $33^s,26$ G | |
| | 8-29 | | 56″,7 F |
| | 8-31 | | 59,4 F |
| | | III. | |
| | | $18^h 53^m$ | 44° 18′ |
| 80 | 8-11 | | 37″,6 G |

### 25118 P. — 35463 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h 52^m$ | 64° 7′ |
| 58 | 7-17 | $51^s,13$ G | |
| | 9-14 | 50,98 G | 28″,5 G |
| | | III. | |
| | | $18^h 53^m$ | 64° 6′ |
| 73 | 8- 4 | $27^s,88$ G | |
| 75 | 8- 9 | 27,76 M | 23″,0 M |
| 76 | 8- 1 | 27,66 M | 22,9 M |

### 25119 P. — 7077 Sj.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h 52^m$ | 94° 33′ |
| 60 | 8-12 | $40^s,37$ G | |

### 25120 P. — 35489-90 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $18^h 52^m$ | 48° 5′ |
| 40 | 9-10 | | 42″,3 G |
| | | III. | |
| | | $18^h 53^m$ | 48° 3′ |
| 81 | 7-21 | $28^s,13$ G | 31″,3 G |

### 25121 P. — 35411 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h 52^m$ | 107° 24′ |
| 55 | 8-11 | $35^s,86$ G | |
| 58 | 9- 9 | | 24″,7 G |
| 59 | 7-23[1] | 35,92 G | 25,3 G |

[1] 𝒜 augm. de 10″ : err. de réduction

### 25122 P. — 1612-13 $W_1$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $18^h 52^m$ | 75° 4′ |
| 40 | 8- 4 | | 39″,4 F |

### 25123 P. — 35486 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $18^h 53^m$ | 53° 33′ |
| 68 | 8- 7 | $40^s,52$ G | |
| 79 | 7-29 | | 56″,1 G |

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|---|---|---|

**25124 P. — 1635-36 W₂.**

| | I. 18h52m | 54°16' |
|---|---|---|
| 44 6- 9 | | 32",4 G |

**25125 P. — 18953 A.O.**

| | I. 18h51m | 109°33' |
|---|---|---|
| 40 7-17 | 57s,59 G | |

**25126 P. — 35447 L.**

| | II. 18h53m | 84°1' |
|---|---|---|
| 57 7-23 | 0s,38 G | 56",7 G |
| 7-28 | 0,30 G | 56,9 G |
| 8-20 | 0,33 G | 58,4 G |
| 8-21 | 0,38 G | |
| 58 6- 7 | 0,33 G | |
| 61 8-14 [1] | 0,65 G | |

[1] Æ augmentée de 1s : erreur d'impr.

**25127 P. — 35493-94 L.**

| | II. 18h53m | 51°55' |
|---|---|---|
| 59 9- 8 | 14s,22 G | |

**25128 P. — 35508 L.**

| | I. 18h52m | 44°22' |
|---|---|---|
| 40 8-29 | | 24",3 F |
| 8-31 | | 24,2 F |

**25129 P. — 35432 L.**

| | I. 18h52m | 98°19' |
|---|---|---|
| 41 8-27 | 8s,54 G | |
| 8-28 | 8,64 G | |
| 8-30 | 8,44 G | 9",6 F |
| 9-10 | 8,47 G | |
| 9-11 | 8,27 G | |
| 9-19 | 8,47 G | |
| | II. 18h52m | 98°17' |
| 58 7-30 [1] | 57s,66 G | 58",6 G |
| | III. 18h53m | 98°16' |
| 74 7-14 | 46s,30 G | 49",3 G |
| 7-15 | 46,43 G | 48,2 G |
| 7-18 | 46,38 G | 49,2 G |

[1] Æ diminuée de 0s,20 : erreur de moy. et 𝒫 augmentée de 30" : erreur de moy.

**25130 P. — 35467 L.**

| | II. 18h53m | 71°29' |
|---|---|---|
| 58 7-21 | | 22",7 G |
| 62 8- 6 | 7s,01 G | 23,0 G |
| 67 8-12 | 7,13 M | 24,3 M |

**25131 P. — 35449 L.**

| | III. 18h53m | 86°51' |
|---|---|---|
| 71 8- 9 | 50s,98 M | 9",4 M |
| 8-10 | 50,96 M | 9,8 M |

**25132 P. — 35437 L.**

| | II. 18h53m | 94°30' |
|---|---|---|
| 57 8-11 | | 59",4 G |
| | III. 18h53m | 94°29' |
| 78 7-28 | 51s,31 G | 50",0 G |

**25133 P. — 35469-70 L.**

| | I. 18h52m | 75°8' |
|---|---|---|
| 37 6-24 | 35s,30 G | 15",0 F |
| 10-22 | 35,39 G | |
| 10-23 | 35,38 G | |
| 38 9-11 | 35,31 G | |
| 39 9-18 | 35,26 G | |
| 40 8- 1 | 35,28 G | 17,5 F |
| 8- 3 | 35,24 G | |
| 8- 4 | 35,31 G | 18,5 F |
| 8- 5 | 35,42 G | |
| 41 7- 6 | 35,28 G | |
| 7-26 | | 17,5 F |
| 46 6-14 | | 16,2 G |
| 7-29 | 35,15 G | |
| 7-30 | 35,29 G | |
| 8- 3 | | 15,5 G |
| 8-26 | 35,27 G | |
| 9-14 | 35,17 G | |
| 9-16 | 35,43 G | |
| 9-17 | 35,27 G | |
| 9-18 | 35,23 G | |
| 9-19 | 35,27 G | |
| 9-22 | 35,30 G | |
| 47 10-28 [1] | | 16,3 G |
| 11-13 | | 17,7 G |
| 48 6-18 | 35,31 G | |
| 11- 2 [2] | | 17,1 G |
| 50 4- 4 | 35,10 G | |
| 53 9-21 | 35,23 G | |
| 9-22 | 35,28 G | |
| 11- 6 | 35,21 G | |
| 11- 9 | 35,26 G | |
| | II. 18h53m | 75°7' |
| 54 5-31 | 16s,19 G | |
| 56 6-25 | | 7",1 G |
| 7-25 | 15,90 G | |
| 57 6- 2 | | 7,1 G |
| 58 9-11 | 15,89 G | 7,8 G |

[1] 𝒫 diminuée de 4" : erreur de réduct.
[2] 𝒫 diminuée de 2° : erreur de réduct.

**25134 P. — 35420 L.**

| | II. 18h53m | 116°11' |
|---|---|---|
| 55 7-15 | 2s,39 G | |
| 61 8- 5 | 2,41 G | |
| 8-22 | 2,32 G | 54",5 G |

**25134 P. (suite).**

| | III. 18h53m | 116°10' |
|---|---|---|
| 79 7-28 | 57s,95 J | 45",6 J |

**25135 P. — 35457 L.**

| | II. 18h53m | 87°14' |
|---|---|---|
| 59 7- 3 | 12s,74 G | |
| 8-25 | 12,86 G | |
| | III. 18h53m | 87°13' |
| 71 8- 5 | 57s,95 M | 17",3 M |
| 8-11 | 57,97 M | 16,7 M |

**25136 P. — 35488 L.**

| | II. 18h53m | 60°0' |
|---|---|---|
| 61 7-15 | 25s,35 G | |

**25137 P. — 35531 L.**

| | III. 18h54m | 38°39' |
|---|---|---|
| 81 8- 2 [1] | 1s,04 G | 44",7 G |

[1] 𝒫 diminuée de 10° : erreur de réduct.

**25138 P. — 35498 L.**

| | III 18h54m | 53°44' |
|---|---|---|
| 79 7-29 | 1s,61 G | |

**25139 P. — 35478 L.**

| | II. 18h53m | 70°30' |
|---|---|---|
| 57 9-13 | 24s,45 G | |
| 62 6-26 | | 29",2 G |

**25140 P. — 1352 W₁.**

| | I. 18h52m | 77°53' |
|---|---|---|
| 40 8-31 | 41s,21 G | |

**25141 P. — 35428 L.**

| | I. 18h52m | 112°54' |
|---|---|---|
| 39 7- 3 | 17s,05 G | |
| 8-21 | 17,04 G | 26",7 G |
| 40 8-27 | 16,86 G | |

**25141 P. (suite).**

| | II. 18h53m | 112°53' |
|---|---|---|
| 55 7- 7 | | 19",2 G |
| 57 8-12 | 11s,28 G | 18,8 G |
| 60 7-15 | 11,39 G | |
| 8-10 | 11,15 G | 20,9 G |
| 61 8-27 | 10,93 G | 19,3 G |

**25142 P. — 35476 L.**

| | II. 18h53m | 73°55' |
|---|---|---|
| 56 8-13 [1] | 25s,84 G | 58",5 G |

[1] Æ augm. de 0s,50 : err. de transcr.

**25143 P. — 35480 L.**

| | II. 18h53m | 71°45' |
|---|---|---|
| 67 8-13 | | 56",8 M |
| | III. 18h54m | 71°44' |
| 71 9-12 | 7s,41 G | |
| 75 7-15 | 7,39 G | 46",0 G |
| 7-23 | 7,47 G | 46,4 G |

**25144 P. — 7140 Berlin A.**

| | II. 18h53m | 70°34' |
|---|---|---|
| 62 6-26 | | 59",3 G |

**25145 P. — 4139 R₁.**

| | I. 18h53m | 50°54' |
|---|---|---|
| 40 9-10 | 8s,28 G | |

**25146 P. — 35481 L.**

| | II. 18h53m | 70°42' |
|---|---|---|
| 56 9- 3 | | 14",3 G |
| 59 8-28 | 30s,04 G | 14,7 G |
| | III. 18h54m | 70°41' |
| 79 6-26 [1] | 9s,28 G | |

[1] Æ diminuée de 1s : correction indiquée comme probable par l'observateur.

**25147 P. — 35514 L.**

| | I. 18h53m | 50°33' |
|---|---|---|
| 40 9-29 | 10s,12 G | |
| 9-30 | 9,97 G | |

**25148 P. — 35503 à 05 L.**

14 γ Lyre.

Étoile fondamentale.

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (Æ. D.)

**25149 P. — 35464 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | **II.** | |
| | | 18h 53m | 90° 25' |
| 56 | 6-28 | 30s,71 G | 4",7 G |
| | | **III.** | |
| | | 18h 54m | 90° 23' |
| 76 | 8- 3 | 16s,72 G | 55",8 G |
| 77 | 7-26 | 16,74 G | |
| | 7-30 | 16,93 G | |
| | 8- 2 | 16,76 G | |
| 78 | 7-18 | 16,79 G | 55,8 G |

**25150 P. — 35519 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | **I.** | |
| | | 18h 53m | 50° 25' |
| 40 | 9-29 | 18s,03 G | |
| | 9-30 | 18,20 G | |

**25151 P. — 35465 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | **I.** | |
| | | 18h 52m | 90° 39' |
| 41 | 9-22 | | 57",5 G |
| | | **II.** | |
| | | 18h 53m | 90° 38' |
| 55 | 8- 9 | 33s,07 G | 48",4 G |
| 57 | 8-25 | 33,21 G | 49,2 G |
| | | **III.** | |
| | | 18h 54m | 90° 37' |
| 78 | 7-29 | 19s,61 G | 40",8 G |
| | 7-30 | 19,54 G | 40,9 G |

**25152 P. — 35492 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | **II.** | |
| | | 18h 53m | 68° 31' |
| 59 | 8-10 | 44s,26 G | |

**25153 P. — 35509, 10 et 12 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | **I.** | |
| | | 18h 53m | 57° 5' |
| 47 | 8-27 | 16s,85 G | |
| | 8-28 | 16,94 G | |

**25154 P. — 260 Piazzi.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | **I.** | |
| | | 18h 52m | 105° 29' |
| 39 | 8-15 | 41s,88 G | |
| | 8-19 | 42,05 G | |
| 40 | 7-17 | | 42",0 F |

**25155 P. — 3854 A + 13°.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | **II.** | |
| | | 18h 53m | 76° 18' |
| 9 | 7-24 | 46s,30 G | |

**25156 P. — 35474 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | **II.** | |
| | | 18h 53m | 88° 48' |
| 57 | 7-19 | 43s,99 G | 35",4 G |
| 58 | 7- 1 | | 36,8 G |
| | 7- 2 | 44,17 G | |
| | 7-13 | 44,09 G | |
| | 9- 6 | 44,09 G | 36,7 G |

**25157 P. — 35472-73 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | **II.** | |
| | | 18h 53m | 94° 37' |
| 55 | 9-10 | | 58",2 G |
| 56 | 7-26 | 44s,94 G | |
| 57 | 7-31 | 44,78 G | 58,3 G |
| | | **III.** | |
| | | 18h 54m | 94° 36' |
| 69 | 7-27 | 32s,58 M | 47",5 M |
| 76 | 8- 1 | 32,47 G | 46,4 G |
| | 8-11 | 32,55 G | 47,1 G |
| 78 | 7-23 | 32,54 G | 45,7 G |

**25158 P. — 35459 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | **II.** | |
| | | 18h 53m | 107° 32' |
| 55 | 6-24 | 43s,51 G | |
| | 8- 5 | | 42",5 G |
| | | **III.** | |
| | | 18h 54m | 107° 31' |
| 78 | 8- 2 | 35s,78 G | 32",6 G |
| | 8- 9 | 35,69 G | 33,1 G |
| | 8-14 | | 32,0 G |

**25159 P. — 48 Dragon.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | **I.** | |
| | | 18h 54m | 32° 23' |
| 37 | 9-20 | 7s,63 G | |
| 40 | 8- 8 | 7,62 G | 21",8 F |
| | 8- 9 | 7,63 G | |
| | 8-12 | 7,55 G | |
| 41 | 8-13 | 7,60 G | |
| | 8-19 | | 19,2 F |
| 43 | 10-20 | | 20,3 G |
| | 10-21 | | 19,1 G |

**25160 P. — 26039 Gould.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | **II.** | |
| | | 18h 53m | 113° 53' |
| 55 | 7- 7 | 44s,06 G | |

**25161 P. — 35487 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | **II.** | |
| | | 18h 53m | 80° 49' |
| 57 | 6- 4 | 55s,22 G | |
| | 8-28 | | 52",4 G |

**25161 P. (suite).**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | **III.** | |
| | | 18h 54m | 80° 48' |
| 71 | 8- 8 | 38s,45 M | 43",1 M |
| 75 | 6-30 | 38,44 M | 42,3 M |
| | 7-23 | 38,41 M | 42,6 M |
| | 7-31 | 38,45 M | 42,1 M |
| 76 | 7-26 | 38,35 M | 41,7 M |

**25162 P. — 35435 L.**

38 ζ Sagittaire.

Étoile fondamentale.

**25163 P. — 35511 L[1].**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | **II.** | |
| | | 18h 54m | 63° 57' |
| 58 | 8-28 | | 38",8 G |
| 59 | 6-13 | 3s,17 G | 38,5 G |
| | | **III.** | |
| | | 18h 54m | 63° 56' |
| 80 | 8-20 | 39s,83 M | 26",8 M |

[1] La dist. pol. de Lal. doit être dim. de 1'.

**25164 P. — 35507 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | **II.** | |
| | | 18h 54m | 67° 22' |
| 58 | 8- 6 | 3s,86 G | |
| | | **III.** | |
| | | 18h 54m | 67° 21' |
| 71 | 8-26 | 41s,96 M | 27",9 M |
| | 8-26 | 41,52 G | 29,8 G |

**25165 P. — 35462 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | **II.** | |
| | | 18h 53m | 107° 16' |
| 59 | 7-17 | | 15",5 G |
| 61 | 8-21 | 52s,49 G | 19,8 G |
| | | **III.** | |
| | | 18h 54m | 107° 15' |
| 70 | 7-21[1] | 44s,54 M | 6",5 M |
| | 7-25 | 44,23 M | 6,9 M |
| | 8-18 | 44,26 M | 6,0 M |
| 78 | 8-14 | 44,41 G | |

[1] Æ diminuée de 0s,50 : erreur de moy.

**25166 P. — 35477 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | **II.** | |
| | | 18h 53m | 96° 23' |
| 55 | 8-13 | 56s,93 G | |
| | 8-30 | | 12",6 G |
| | | **III.** | |
| | | 18h 54m | 96° 22' |
| 74 | 7- 6 | 45s,25 G | 1",9 G |
| | 7- 8 | 45,25 G | 1,2 G |
| | 7-13 | 45,29 G | 1,6 G |

**25167 P. — 35708 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | **I.** | |
| | | 18h 55m | 18° 24' |
| 40 | 7-15 | 13s,11 G | 54",6 F |

**25168 P. — 35458 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | **I.** | |
| | | 18h 52m | 115° 3' |
| 37 | 8-11 | | 16",1 F |
| 39 | 8-21 | 58s,39 G | 17,0 F |
| 40 | 7-16 | 58,24 G | 13,6 F |
| 41 | 9- 1 | 58,42 G | |
| | | **II.** | |
| | | 18h 53m | 115° 2' |
| 55 | 8-30 | 53s,32 G | |
| 60 | 8- 9 | 53,59 G | 8",3 G |
| | | **III.** | |
| | | 18h 54m | 115° 1' |
| 79 | 8- 9 | 48s,42 J | 1",3 J |
| | 8-11 | 48,49 J | 2,5 J |
| | 8-12 | 48,51 J | 2,0 J |

**25169 P. — 35502 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | **II.** | |
| | | 18h 54m | 75° 30' |
| 58 | 7-11 | 11s,60 G | 46",0 G |
| | 8- 5 | 11,42 G | |
| | | **III.** | |
| | | 18h 54m | 75° 29' |
| 79 | 8-12 | 52s,41 G | 35",7 G |

**25170 P. — 35468 et 71 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | **II.** | |
| | | 18h 54m | 107° 2' |
| 56 | 6-26 | 0s,12 G | |
| 58 | 6-12 | | 61",7 G |
| | 6-12 | | 59,9 F |
| | | **III.** | |
| | | 18h 54m | 107° 1' |
| 78 | 8-31 | 52s,59 M | 52",8 M |

**25171 P. — 35520 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | **II.** | |
| | | 18h 54m | 63° 50' |
| 59 | 6-13 | 17s,56 G | |
| | | **III.** | |
| | | 18h 54m | 63° 49' |
| 81 | 7-21 | 54s,19 M | 13",0 M |
| | 7-26 | 54,09 M | 12,3 M |

**25172 P. — 35521 à 23 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | **II.** | |
| | | 18h 54m | 63° 13' |
| 59 | 7-26 | 20s,57 G | |
| | 9- 1 | 20,55 G | 34",5 G |

Dates 1800+ — Positions moyennes pour les époques du Catal.

**25172 P. (suite).**

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 18h 54m | 63° 12′ |
| 70 | 7-16 | 56s,88 G | 24″,2 G |
| | 7-18 | 56,99 G | 23,2 G |
| | 8- 6 | 56,86 G | 23,4 G |
| 75 | 7-12 | 56,99 G | 22,4 G |
| | 7-26 | 56,95 G | |

**25173 P. — 35571 L.**

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 18h 54m | 42° 19′ |
| 80 | 8-23 | 57s,20 J | 50″,4 J |
| 81 | 8-17 | 57,11 G | 51,3 G |

**25174 P. — 35548 à 50 L.**

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 18h 53m | 50° 59′ |
| 40 | 9-12 | 59s,09 G | |
| | 9-13 | 59,12 G | |

**25175 P. — 35482 à 84 L.**

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 18h 53m | 95° 57′ |
| 37 | 6-12 | 24s,08 G | |
| 40 | 9-21 | 24,18 G | |
| 41 | 8- 5 | 24,16 G | |
| | 8- 6 | 24,14 G | |
| | 8-24 | 24,18 G | |
| 48 | 7-12 | 24,20 G | |
| | 7-17 | 24,09 G | |
| | 7-18 | 23,99 G | 6″,1 G |
| | 7-22 | 24,05 G | |
| | 8- 2 | 24,12 G | |
| 49 | 4-14 | 24,17 G | |
| | 6-25 | 24,31 G | |
| | 6-26 | 24,01 G | |
| | 6-30 | 24,02 G | |
| | 7- 6 | 24,10 G | |
| | 7-20 | 24,03 G | |
| 50 | 7-10 | 24,15 G | |
| | | II. | |
| | | 18h 54m | 95° 55′ |
| 55 | 8-11 | | 56″,5 G |
| 57 | 7-13 | 12s,22 G | |
| | 8-10 | 12,16 G | 58,2 G |
| | 8-24 | 12,16 G | 57,9 G |
| 60 | 9- 6 | | 57,2 G |
| | | III. | |
| | | 18h 55m | 95° 54′ |
| 74 | 7-20 | 0s,14 G | 46″,8 G |
| | 7-21 | 0,30 G | 48,7 G |
| | 7-27 | 0,30 G | |
| | 8-21 | 0,31 G | 46,6 G |

**25176 P. — 18407 Mn₁.**

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18h 54m | 88° 26′ |
| 58 | 9- 5 | 15s,33 G | |

**25177 P. — 35506 L.**

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18h 54m | 80° 45′ |
| 56 | 7- 3 | 19s,59 G | |
| | 7-15 | | 42″,8 G |
| 57 | 5-27 | | 42,9 G |
| 59 | 7- 2 | 19,54 G | |

**25178 P. — 35518 L.**

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 18h 55m | 71° 42′ |
| 80 | 8- 8[1] | 4s,07 M | 36″,4 M |
| 81 | 7- 6 | 3,84 M | 37,0 M |
| | 7-18 | 4,00 M | 35,6 M |
| | 8-20 | 4,11 M | 38,7 M |

[1] 𝒟 diminuée de 10″ : err. de moy.

**25179 P. — 3380 A + 30°.**

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 18h 55m | 59° 4′ |
| 80 | 8-30 | 5s,18 J | 13″,5 J |

**25180 P. — 35496 L.**

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18h 54m | 88° 54′ |
| 57 | 8- 7 | 20s,34 G | 18″,6 G |
| 58 | 7- 2 | 20,35 G | 18,5 G |
| | 7-13 | 20,47 G | 18,6 G |
| 60 | 7-21 | 20,34 G | 19,5 G |
| 63 | 8- 8 | 20,17 M | 18,9 M |

**25181 P. — 35515 L.**

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18h 54m | 75° 38′ |
| 58 | 8- 5 | | 48″,0 G |
| | | III. | |
| | | 18h 55m | 75° 37′ |
| 71 | 7- 5 | 6s,75 G | 36″,1 G |

**25182 P. — 35491 L.**

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 18h 53m | 98° 11′ |
| 41 | 8-27 | 35s,33 G | |
| | 8-28 | 35,45 G | |
| | 8-30 | 35,13 G | 43″,9 F |
| | 9-10 | 35,14 G | |
| | 9-11 | 35,20 G | |
| | 9-19 | 35,32 G | |
| | | II. | |
| | | 18h 54m | 98° 10′ |
| 56 | 7-28 | 24s,18 G | 32″,4 G |
| | | III. | |
| | | 18h 55m | 98° 9′ |
| 69 | 8- 6 | 13s,21 M | 22″,5 M |
| 74 | 8-22 | 13,09 G | 21,2 G |
| | 8-26 | 13,14 G | 21,5 G |
| | 8-31 | 13,07 G | |

**25183 P. — 1375 W₁.**

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 18h 55m | 96° 21′ |
| 72 | 7-16 | 13s,66 M | 27″,2 M |

**25184 P. — 18422 Mn₁.**

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 18h 55m | 71° 4′ |
| 79 | 9- 1 | 17s,11 J | 51″,5 J |

**25185 P. — 18979-80 A. O.**

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 18h 53m | 110° 37′ |
| 41 | 9-22 | 30s,54 G | |

**25186 P. — 35547 L.**

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 18h 54m | 58° 4′ |
| 41 | 8-20 | 10s,10 G | |
| 46 | 7- 3 | 9,72 G | |
| | 8-21 | 9,91 G | |
| 47 | 8-25 | 9,99 G | |
| | 8-26 | 10,03 G | |
| | 9-10 | | 3″,4 G |
| | | II. | |
| | | 18h 54m | 58° 2′ |
| 58 | 8- 2 | 43s,98 G | 52″,7 G |
| | | III. | |
| | | 18h 55m | 58° 1′ |
| 80 | 9- 5 | 17s,96 M | 40″,5 M |

**25187 P. — 35485 L.**

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18h 54m | 106° 47′ |
| 57 | 8-29 | | 41″,7 G |
| 67 | 7-29 | 28s,51 M | 40,4 M |
| | | III. | |
| | | 18h 55m | 106° 46′ |
| 78 | 9- 2 | 20s,68 M | 29″,5 M |

**25188 P. — 2730 Gr.**

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 18h 54m | 48° 34′ |
| 40 | 9-10 | | 26″,2 F |

**25189 P. — 35534 L.**

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18h 54m | 66° 24′ |
| 58 | 9-10 | | 39″,5 G |
| 60 | 8-16 | 45s,80 G | 37,7 F |
| | | III. | |
| | | 18h 55m | 66° 23′ |
| 79 | 8-16 | 23s,48 G | 27″,0 G |

**25190 P. — 35516 L.**

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 18h 53m | 86° 49′ |
| 41 | 9-22 | | 34″,4 F |
| | | II. | |
| | | 18h 54m | 86° 48′ |
| 57 | 7-18 | 43s,07 G | 24″,1 G |
| | | III. | |
| | | 18h 55m | 86° 47′ |
| 72 | 7- 5 | 27s,84 M | 13″,4 M |
| 74 | 7-29 | 28,02 M | 13,4 M |
| | 7-30 | 28,26 M | 13,3 M |
| | 7-31 | 27,94 M | 12,6 M |
| | 8- 6 | 28,14 M | 13,7 M |

**25191 P. — 4208 R₁.**

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 19h 4m | 3° 29′ |
| 53 | 2-25 I | 36s,32 G | |

**25192 P. — 35528 L.**

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18h 54m | 74° 30′ |
| 58 | 7-26 | 49s,72 G | 39″,9 G |
| | 8- 9 | | 39,7 G |

**25193 P. — 35539 L.**

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 18h 55m | 66° 52′ |
| 73 | 8- 4 | 30s,88 G | |
| 74 | 7-20 | 31,03 M | 44″,0 M |
| 75 | 7-29 | 30,83 G | |
| | 7-31 | 30,64 G | |

**25194 P. — 35589-90 L.**

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 18h 55m | 47° 9′ |
| 81 | 7-19 | 32s,56 G | 33″,9 G |

**25195 P. — 35526 L.**

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18h 54m | 77° 34′ |
| 58 | 6- 3 | | 26″,6 G |
| 61 | 7-18 | 50s,72 G | 26,6 G |
| | | III. | |
| | | 18h 55m | 77° 33′ |
| 80 | 7-27 | 32s,59 M | 14″,0 M |

**25196 P. — 35537 L.**

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 18h 54m | 70° 53′ |
| 56 | 7-24 | | 7″,0 G |
| | 8-14 | 58s,17 G | 7,9 G |
| | | III. | |
| | | 18h 55m | 70° 51′ |
| 71 | 8-10 | 37s,45 G | 55″,7 G |

### 25197 P. — 3962 A + 9°.

| Dates 1800 + A. | M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h54m | 80°29' |
| 58 | 7- 3 | 59s,52 G | |

### 25198 P. — 35497 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h54m | 109°26' |
| 54 | 9- 5 | | 38",5 G |
| 57 | 6-13 | 49s,88 G | |
| | 9- 5 | | 40,8 G |
| 59 | 7-11 | 49,88 G | 36,9 G |
| | | III. | |
| | | 18h55m | 109°25' |
| 78 | 8- 6 | 42s,95 G | 24",6 G |
| | 8- 7 | 43,09 G | 23,8 G |

### 25199 P. — 35517 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h54m | 95°44' |
| 56 | 7-31 | 55s,89 G | |
| | 8-24 | 55,84 G | 38",5 G |
| 57 | 7-24 | 55,77 G | |
| | 8- 9 | 55,77 G | |
| 58 | 9- 8 | 55,85 G | 37,9 G |
| | | III. | |
| | | 18h55m | 95°43' |
| 74 | 7-14 | 43s,88 G | 27",0 G |
| | 9- 1 | 43,90 G | 26,8 G |

### 25200 P. — 1699-1700 $W_2$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h55m | 74°30' |
| 58 | 7-26 | 3s,58 G | |

### 25201 P. — 35614 à 16 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h54m | 40°53' |
| 45 | 8-12 | 57s,28 G | |
| | 8-19[1] | 57,26 G | |
| | 8-20[1] | 57,40 G | |

[1] Erreur dans la déclinaison approchée inscrite au t. VI (dist. des fils).

### 25202 P. — 18452 $Mn_1$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h54m | 82°23' |
| 40 | 7-29 | 18s,30 G | |

### 25203 P. — 35499 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h54m | 109°18' |
| 54 | 9-21 | | 5",3 G |
| 60 | 8-26 | | 7,3 G |

### 25203 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h55m | 109°16' |
| 79 | 7-29 | 46s,52 J | 53",4 J |
| | 8 -2 | 46,41 J | 53,7 J |

### 25204 P. — 35577-78 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h55m | 56°27' |
| 66 | 7- 7 | 14s,74 G | 9",9 G |

### 25205 P. — 35538 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h55m | 77°35' |
| 61 | 7-18 | | 7",5 G |
| | | III. | |
| | | 18h55m | 77°33' |
| 80 | 7- 5 | 49s,93 M | 54",8 M |
| | 7-29 | 50,02 M | 54,6 M |

### 25206 P. — 7111 Sj.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h54m | 76°16' |
| 40 | 8- 3 | 29s,43 G | |
| 44 | 8-19 | 29,57 G | |
| | | II. | |
| | | 18h55m | 76°15' |
| 59 | 7- 9 | 10s,90 G | |
| | 7-10 | 10,68 G | |
| | 7-24 | 10,78 G | |

### 25207 P. — 35568 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h55m | 63°42' |
| 81 | 7-13 | 53s,10 J | 51",3 J |
| | 8-28 | 52,83 J | 51,3 J |

### 25208 P. — 35749-50 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h56m | 18°54' |
| 46 | 2-26 I | 16s,40 G | |
| | 3- 3 I | 16,49 G | |

### 25209 P. — 35591 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h55m | 54°21' |
| 81 | 8-14 | 55s,07 J | 16",3 J |

### 25210 P. — 35513 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h55m | 105°4' |
| 55 | 7-19 | 4s,51 G | 42",3 G |
| 59 | 8-16 | | 43,2 G |

### 25210 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h55m | 105°3' |
| 78 | 8-30[1] | 55s,70 G | |

[1] 𝒜 diminuée de 1s,20 : erreur de moy. et de 1s sur un fil.

### 25211 P. — 35561 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h55m | 68°40' |
| 58 | 8- 8 | | 55",5 G |
| 60 | 8-17 | 18s,32 G | 56,4 F |
| | 9-12 | 18,59 G | 56,9 G |

### 25212 P. — 35553 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h55m | 77°39' |
| 57 | 8-13 | 18s,26 G | |
| 58 | 9-12 | 17,98 G | 20",3 G |
| 61 | 7-18 | 18,29 G | 19,0 G |
| | 8- 5[1] | 18,17 G | |
| | | III. | |
| | | 18h55m | 77°38' |
| 71 | 8- 1 | 59s,90 G | |

[1] Indiquée à tort au tome XVII comme 35524 L (distance des fils). Le cahier-minute porte d'ailleurs 35526 L.

### 25213 P. — 35524 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h55m | 97°55' |
| 56 | 8- 1 | 14s,03 G | |
| | 8- 3 | 14,06 G | 26",6 G |
| 57 | 7-10 | | 25,3 G |
| | 7-11 | 14,00 G | 25,4 G |
| | | III. | |
| | | 18h56m | 97°54' |
| 74 | 7-18 | | 13",7 G |

### 25214 P. — 35600-01 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h56m | 52°10' |
| 81 | 8- 5 | 3s,59 J | 44",1 J |
| | 8- 8 | 3,65 J | 44,0 J |

### 25215 P. — 35572 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h55m | 80°37' |
| 57 | 8-20 | 23s,32 G | 6",1 G |
| 58 | 6- 7[1] | 23,28 G | |
| | 7- 3 | | 5,9 G |
| | 8- 1 | 23,15 G | 6,1 G |
| 61 | 8- 9 | 23,40 G | |

[1] Indiquée à tort au tome XIV comme étant sur le parallèle de 35576 L. (distance des fils). (*Voir* 35554 L.)

### 25216 P. — 2752 Gr.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h56m | 16°7' |
| 50 | 5-28 | 49s,86 G | 9",4 G |
| | 5-29 | 49,73 G | 9,8 G |
| 53 | 1-19 I | 50,00 G | |
| | 1-22 I | 49,75 G | |
| | 1-24 I | 49,78 G | |
| | 2- 9 I | 49,84 G | |
| | 2-25 I | 49,82 G | |
| | 7-15 | 50,03 G | |
| | 7-19 | 49,80 G | |
| | 7-20 | 50,14 G | |
| | 7-21 | 50,13 G | |

### 25217 P. — 35532 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h55m | 95°44' |
| 57 | 7-24 | 23s,26 G | 2",9 G |
| | 8- 9 | 23,29 G | |
| 58 | 9- 8 | 23,33 G | |
| | | III. | |
| | | 18h56m | 95°42' |
| 79 | 7-17 | 11s,08 M | 50",2 M |

### 25218 P. — 4846 Sf — 5°.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h54m | 95°55' |
| 48 | 7-12 | 35s,56 G | |
| | | III. | |
| | | 18h56m | 95°53' |
| 74 | 7-18 | 11s,61 G | |
| | 7-21 | 11,62 G | |

### 25219 P. — 18995-96 A.O.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h54m | 112°55' |
| 45 | 8- 2 | 23s,35 G | |

### 25220 P. — 35587-88 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h56m | 62°56' |
| 81 | 7-21 | 12s,48 J | 6",2 J |
| | 7-28 | 12,35 J | 5,6 J |
| | 8- 6 | 12,18 J | 5,5 J |

### 25221 P. — 1405 $W_1$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h56m | 77°44' |
| 71 | 8- 7 | 12s,52 M | 12",6 M |
| | 8- 7 | 12,43 G | |

### 25222 P. — 35584-85 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h55m | 63°54' |
| 59 | 6-13 | 36s,13 G | 19",3 G |

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**25222 P. (suite).**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $18^h56^m$ | 63°53′ |
| 81 | 7-16 | $12^s,71$ M | 5″,3 M |

**25223 P. — 35545 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h55^m$ | 90°54′ |
| 58 | 9-26 | $32^s,04$ G | 18″,3 G |
| | | III. | |
| | | $18^h56^m$ | 90°53′ |
| 76 | 8- 4 | $18^s,24$ G | 8″,3 G |
| | 8- 8 | 18,19 G | 8,3 G |

**25224 P. — 35603-04 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $18^h55^m$ | 56°24′ |
| 40 | 8- 2 | $12^s,56$ G | |
| | | III. | |
| | | $18^h56^m$ | 56°22′ |
| 68 | 8- 7 | $18^s,66$ G | |
| 75 | 8-11 | 18,80 M | 26″,1 M |
| 76 | 8- 5 | 18,80 M | 26,5 M |
| | 8- 8 | 18,73 M | 26,6 M |

**25225 P. — 35546 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h55^m$ | 90°54′ |
| 58 | 9-26 | $33^s,00$ G | |

**25226 P. — 35541 à 43 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $18^h54^m$ | 93°55′ |
| 39 | 7- 3 | $44^s,69$ G | |
| | 7-16 | 44,68 G | |
| | 7-28 | 44,67 G | |
| 41 | 9-11 | | 7″,7 F |
| 43 | 7-18 | 44,59 G | |
| 46 | 6-28 | 44,57 G | |
| | 7- 1 | 44,69 G | |
| | 7-17 | 44,70 G | |
| | 8-13 | 44,69 G | |
| | 8-29 | 44,60 G | |
| 47 | 5- 4 | 44,78 G | |
| | 9- 6 | 44,59 G | |
| 48 | 7-22 | 44,71 G | |
| | 10- 5 | | 6″,1 G |
| 50 | 7-10 | | 6,2 G |
| 52 | 8-18 | 44,65 G | |
| 53 | 6-27 | 44,57 G | |
| | 6-28 | 44,49 G | |
| | | II. | |
| | | $18^h55^m$ | 93°53′ |
| 56 | 6-29 | $32^s,13$ G | |
| 57 | 8-11 | | 55″,1 G |

**25226 P. (suite).**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $18^h56^m$ | 93°52′ |
| 76 | 7-20 | $19^s,37$ G | 41″,8 G |
| | 8- 3 | | 42,1 G |
| | 8-10 | 19,50 G | 42,5 G |
| | 8-12 | 19,49 G | 43,2 G |
| | 8-16 | | 42,4 G |
| | 8-25 | | 42,5 G |
| 77 | 7-11 | 19,34 G | |

**25227 P. — 35562 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h55^m$ | 81°49′ |
| 56 | 6-30 | $37^s,28$ G | 31″,1 G |
| | 7-29 | 37,52 G | 30,9 G |

**25228 P. — 35573 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $18^h54^m$ | 75°47′ |
| 40 | 8-29 | $59^s,73$ G | |
| | | II. | |
| | | $18^h55^m$ | 75°46′ |
| 57 | 6- 2 | | 3″,1 G |
| | | III. | |
| | | $18^h56^m$ | 75°44′ |
| 71 | 7-28 | $21^s,98$ G | 51″,9 M |
| | 8- 9 | 21,88 G | 53,1 G |

**25229 P. — 267 Piazzi.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $18^h54^m$ | 121°16′ |
| 39 | 8-24 | $27^s,75$ G | |
| 41 | 7-18 | 27,68 G | |
| | 9- 8 | 27,74 G | |
| 45 | 8- 7 | 27,62 G | |
| | | II. | |
| | | $18^h55^m$ | 121°14′ |
| 58 | 8-19 | $25^s,47$ G | |

**25230 P. — 3288 A + 33°.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $18^h55^m$ | 57°0′ |
| 47 | 8-28 | $16^s,93$ G | |

**25231 P. — 2736 Gr.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $18^h55^m$ | 50°21′ |
| 40 | 9-29 | $24^s,40$ G | |
| | 9-30 | 24,63 G | |

**25232 P. — 35583 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h55^m$ | 71°1′ |
| 56 | 7-25 | $45^s,79$ G | 41″,9 G |
| 58 | 9-25 | | 43,6 G |
| | | III. | |
| | | $18^h56^m$ | 71°0′ |
| 79 | 9- 8 | $25^s,01$ J | 30″,1 J |

**25233 P. — 35602 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $18^h55^m$ | 60°41′ |
| 40 | 8-17 | $15^s,91$ G | |
| | | III. | |
| | | $18^h56^m$ | 60°39′ |
| 73 | 7-17 | $26^s,07$ G | 27″,5 G |
| 75 | 7-15 | 26,33 G | 27,9 G |
| | 7-20 | 26,25 G | 29,7 G |
| | 8- 9 | 26,11 G | 28,4 G |

**25234 P. — 35586 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h55^m$ | 71°4′ |
| 56 | 7-25 | $48^s,95$ G | |
| | | III. | |
| | | $18^h56^m$ | 71°3′ |
| 71 | 7-31 | $28^s,41$ G | |
| | 9- 5 | 28,66 G | |
| 76 | 8- 1 | 28,52 M | 14″,6 M |
| 80 | 7-19 | 28,54 M | 14,1 M |

**25235 P. — 35554 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h55^m$ | 80°33′ |
| 57 | 6- 4[1] | $44^s,90$ G | |
| | 8- 6 | 46,24 G | 56″,9 G |
| | 8-20 | 45,80 G | 56,9 G |
| | 8-27 | | 55,8 G |
| 58 | 6- 7[2] | 45,84 G | |
| | 9-13 | | 55,9 G |
| 59 | 7- 5 | | 56,6 G |
| 62 | 6-25 | 46,01 G | |
| | | III. | |
| | | $18^h56^m$ | 80°32′ |
| 71 | 8- 9 | $28^s,69$ M | 44″,4 M |
| | 8-10 | 28,76 M | 44,1 M |

[1] 𝒜 non comprise dans la moy. : err. probable de $1^s$.
[2] Indiquée à tort au t. XIV comme se rapportant à 35576 L. (distance des fils).

**25236 P. — 35593-94 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $18^h55^m$ | 67°18′ |
| 58 | 8- 6 | $51^s,23$ G | |
| 59 | 8-22 | 51,49 G | |

**25236 P. (suite).**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $18^h56^m$ | 67°17′ |
| 70 | 7-20 | $29^s,21$ G | 23″,1 G |
| | 7-29 | 29,26 G | 23,8 G |

**25237 P. — 35634 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $18^h56^m$ | 48°29′ |
| 81 | 7- 6 | $31^s,04$ G | 29″,8 G |
| | 7-21 | 30,82 G | 31,4 G |

**25238 P. — 35595 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $18^h55^m$ | 67°57′ |
| 40 | 8-31 | $14^s,60$ G | |
| | | III. | |
| | | $18^h56^m$ | 67°54′ |
| 80 | 7- 5 | | 48″,5 G |
| | 7-27 | $30^s,95$ G | 45,0 G |

**25239 P. — 35560 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $18^h54^m$ | 88°26′ |
| 41 | 8-18 | $59^s,98$ G | |
| | | II. | |
| | | $18^h55^m$ | 88°25′ |
| 57 | 8-22 | $45^s,58$ G | 37″,7 G |
| 58 | 7-19 | 45,40 G | |
| | 9- 5 | 45,44 G | |
| | 9-15 | 45,30 G | |
| | | III. | |
| | | $18^h56^m$ | 88°24′ |
| 71 | 8- 5 | $31^s,07$ M | 24″,0 M |

**25240 P. — 1407 $W_1$.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $18^h55^m$ | 96°3′ |
| 40 | 9-21 | $0^s,37$ G | |
| | | II. | |
| | | $18^h55^m$ | 96°1′ |
| 57 | 8-24 | $48^s,40$ G | |

**25241 P. — 35555 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $18^h55^m$ | 95°46′ |
| 39 | 8-19 | $1^s,41$ G | |
| 40 | 7-27 | 1,47 G | |
| 41 | 8- 6 | 1,14 G | |
| 48 | 7- 5 | 1,38 G | |
| | 7- 6 | 1,30 G | |
| | 7- 7 | 1,35 G | |
| | | II. | |
| | | $18^h55^m$ | 95°45′ |
| 58 | 7-30[1] | $49^s,66$ G | 32″,1 G |

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. AR | D |
|---|---|---|

**25241 P. (suite).**

| III. | 18h56m | 95°44' |
|---|---|---|
| 74 7- 6 | 37s,33 G | 19",4 G |
| 7- 8 | 37,38 G | 18,9 G |
| 7-13[2] | 37,39 G | 21,1 G |
| 7-15 | 37,51 G | 19,8 G |

[1] AR diminuée de 1s,14 : err. de moy.
[2] AR diminuée de 1m : erreur de transcr.

**25242 P. — 18509 Mn1.**

| I. | 18h54m | 99°47' |
|---|---|---|
| 41 9-22[1] | 59s,05 G | |

[1] AR diminuée de 1m.

**25243 P. — 35530 L.**

| I. | 18h54m | 113°7' |
|---|---|---|
| 41 9- 1 | 52s,88 G | |

**25244 P. — 35556 L.**

| II. | 18h55m | 97°33' |
|---|---|---|
| 59 8- 6 | 55s,31 G | 51",7 G |
| **III.** | 18h56m | 97°32' |
| 79 8- 2 | 44s,18 M | 39",8 M |

**25245 P. — 35576 L.**

| II. | 18h55m | 84°51' |
|---|---|---|
| 57 7-28 | 59s,70 G | 24",1 G |
| **III.** | 18h56m | 84°50' |
| 72 7-16 | 44s,21 G | |
| 75 8- 9 | 44,15 M | 13",0 M |
| 76 8- 4 | 44,26 M | 12,2 M |

**25246 P. — 35581 L.**

| III. | 18h56m | 81°44' |
|---|---|---|
| 71 8- 8 | 44s,48 M | 51",5 M |
| 73 7-24 | 44,40 M | 51,3 M |

**25247 P. — 35605-06 L.**

| III. | 18h56m | 67°5' |
|---|---|---|
| 70 7-22 | 45s,10 G | 35",6 G |
| 7-23 | 45,15 G | 35,7 G |

**25248 P. — 35633 L.**

| III. | 18h56m | 54°33' |
|---|---|---|
| 68 7-31 | 45s,89 G | |
| 69 7-21 | 46,02 M | 10",0 M |
| 75 7-23 | 45,95 G | 10,3 G |
| 7-28 | 45,89 G | |
| 8-11 | 45,95 G | 8,7 G |

**25249 P. — 1735 W2.**

| II. | 18h56m | 67°21' |
|---|---|---|
| 58 8- 6 | 8s,17 G | |

**25250 P. — 35629 L.**

| III. | 18h56m | 57°47' |
|---|---|---|
| 81 7-11 | 47s,97 J | 4",9 J |
| 7-16[1] | 48,17 J | 5,6 J |

[1] AR dimin. de 0s,35 : err. de moy.

**25251 P. — 35579 L.**

| II. | 18h56m | 86°22' |
|---|---|---|
| 57 8-21 | 5s,19 G | 2",6 G |
| **III.** | 18h56m | 86°20' |
| 71 8-11 | 50s,09 M | 49",0 M |
| 79 8-11 | 50,01 M | 49,9 M |

**25252 P. — 35540 L.**

| II. | 18h55m | 111°43' |
|---|---|---|
| 55 8- 5 | 57s,50 G | |
| 59 8- 3 | | 54",4 G |
| **III.** | 18h56m | 111°42' |
| 79 7-28 | 51s,48 J | 44",0 J |

**25253 P. — 35580 L.**

| II. | 18h56m | 86°20' |
|---|---|---|
| 57 8-21 | 7s,42 G | |
| **III.** | 18h56m | 86°19' |
| 79 8-12 | 52s,31 M | 28",1 M |

**25254 P. — 35649-50 L.**

| III. | 18h56m | 47°55' |
|---|---|---|
| 80 7-10 | 52s,46 G | 7",4 G |
| 81 7- 4 | 52,56 G | 10,5 G |

**25255 P. — 35552 L.**

| II. | 18h56m | 107°57' |
|---|---|---|
| 54 9- 3 | 0s,21 G | |
| 57 7-20 | | 43",4 G |
| **III.** | 18h56m | 107°56' |
| 80 8-11 | 52s,64 M | 33",0 M |

**25256 P. — 35599 L.**

| II. | 18h56m | 75°37' |
|---|---|---|
| 58 8- 3 | 12s,78 G | 57",3 G |
| 8-16 | 12,76 G | 57,8 G |
| 9- 8 | | 58,8 F |
| 60 8-10 | 12,75 G | 57,9 G |

**25257 P. — 1424 W1.**

| I. | 18h55m | 89°38 |
|---|---|---|
| 41 8-27 | 24s,84 G | |
| 8-28 | 24,74 G | |
| 8-30 | 24,69 G | |
| 9-10 | 24,61 G | |
| 9-11 | 24,58 G | |
| 9-19 | 24,69 G | |

**25258 P. — 35607 L.**

| II. | 18h56m | 71°39' |
|---|---|---|
| 57 9-13 | 17s,38 G | |
| **III.** | 18h56m | 71°37' |
| 71 9-12 | 57s,16 G | |
| 75 7-15 | 57,27 M | 49",0 M |

**25259 P. — 1429 W1.**

| I. | 18h55m | 76°25' |
|---|---|---|
| 43 8-26 | 35s,54 G | |

**25260 P. — 35551 L.**

| II. | 18h56m | 115°26' |
|---|---|---|
| 57 8-12 | 9s,96 G | 0",0 G |
| 60 8- 4 | 10,03 G | 1,9 G |
| 9- 1 | 10,06 G | 2,1 G |
| 61 8-27 | 9,99 G | 0,6 G |

**25261 P. — 35657-58 L.**

| I. | 18h56m | 48°48' |
|---|---|---|
| 40 8-28 | 9s,70 G | |
| 8-29 | | 12",5 F |
| 8-31 | | 13,8 F |
| 9-10 | | 13,4 F |

**25262 P. — 35570 L.**

| I. | 18h55m | 104°33' |
|---|---|---|
| 40 8-15 | 26s,72 G | |
| 8-16 | 26,57 G | |
| **II.** | 18h56m | 104°32' |
| 54 8-31 | 17s,66 G | |
| 59 7-17 | | 8",4 G |
| **III.** | 18h57m | 104°30' |
| 80 8- 4 | 8s,90 M | 54",4 M |

**25263 P. — 35644-45 L.**

| II. | 18h56m | 56°34 |
|---|---|---|
| 67 7-30 | 37s,97 G | 39",7 G |
| 8- 9 | 37,97 G | 40,6 G |
| **III.** | 18h57m | 56°33' |
| 68 8- 4 | 11s,16 G | 27",3 G |

**25264 P. — 35557-58 L.**

| I. | 18h55m | 111°57' |
|---|---|---|
| 37 6-19 | 23s,49 G | 45",6 F |
| 6-21 | 23,46 G | |
| 6-22 | 23,42 G | 44,2 F |
| 6-23 | 23,25 G | |
| 6-24 | 23,35 G | 43,3 F |
| 6-25 | 23,54 G | 45,6 F |
| 6-26 | 23,45 G | |
| 6-27 | 23,53 G | |
| 7- 3 | 23,48 G | |
| 7- 5 | 23,52 G | |
| 7- 6 | 23,53 G | |
| 7- 7 | 23,49 G | |
| 7-10 | 23,46 G | |
| 8- 7 | 23,40 G | |
| 8- 8 | 23,41 G | |
| 8-11 | 23,40 G | |
| 8-13 | 23,45 G | |
| 8-22 | 23,51 G | |
| 8-25 | 23,46 G | |
| 10-22 | 23,54 G | |
| 38 8-13 | 23,38 G | |
| 8-15 | 23,46 G | |
| 8-16 | 23,44 G | |
| 9-11 | 23,43 G | |
| 10- 3 | 23,35 G | |
| 39 8-24 | | 45,4 F |
| 41 7- 3 | 23,66 G | |
| 8-19 | 23,42 G | |
| 8-22 | 23,41 G | |
| 8-24 | 23,59 G | |
| 43 7-23 | 23,36 G | |
| 8- 6 | 23,50 G | |
| 8- 8 | 23,52 G | |
| 8- 9 | 23,42 G | |
| 8-24 | 23,45 G | |
| 44 6-29 | 23,37 G | |
| 45 9-10 | 23,37 G | |
| 46 5-14 | 23,70 G | |
| 7- 7 | 23,43 G | 46,1 F |

### 25264 P. (suite).

| Dates 1800+ A. | M. J. | Positions moyennes pour les époques du Catal. Æ. | D. |
|---|---|---|---|
| | | I. | |
| | | $18^h 55^m$ | 111°57′ |
| 46 | 7-29 | $23^s,50$ G | |
| | 7-30 | 23,36 G | |
| 47 | 5-31 | 23,59 G | |
| | 6- 1 | 23,48 G | |
| | 9-18 | 23,71 G | 45″,8 G |
| | 9-19 | 23,43 G | 46,4 G |
| | 10-16 | 23,33 G | |
| 48 | 5-20 | 23,35 G | |
| | 5-21 | 23,51 G | |
| | 7-14 | 23,49 G | 45,2 G |
| | 9- 8 | 23,25 G | |
| | 10- 3 | 23,45 G | |
| 49 | 4-14 | 23,56 G | |
| | 6- 7 | 23,54 G | |
| | 7- 5 | 23,50 G | 46,4 G |
| | 7-13 | 23,57 G | |
| | 8-28 | 23,32 G | |
| | 9-25 | 23,57 G | |
| 50 | 6-24 | 23,56 G | 44,6 F |
| | 6-25 | 23,69 G | 46,8 G |
| | 6-25 | | 42,5 F |
| | 7-22 | 23,40 G | 46,0 G |
| | 9-14 | 23,61 G | 45,7 F |
| | 9-15 | 23,56 G | |
| | 10-12 | 23,61 G | 46,5 G |
| 51 | 5-17 | 23,61 G | |
| | 7-12 | 23,59 G | |
| 52 | 6- 4 | 23,59 G | |
| | 7- 1 | 23,59 G | 44,4 G |
| | 7-22 | 23,62 G | |
| | 8-25 | 23,60 G | |
| | 10-19 | 23,64 G | 46,7 G |
| | | II. | |
| | | $18^h 56^m$ | 111°56′ |
| 59 | 8-31 | $17^s,61$ G | |
| 60 | 6-23 | 17,50 G | 31″,0 G |
| 63 | 6-30 | 17,60 M | 34,2 M |
| | 6-30 | 17,61 G | 30,0 G |
| | 7- 1 | 17,56 M | 33,8 M |
| | 7- 1 | 17,39 G | 31,1 G |
| | | III. | |
| | | $18^h 57^m$ | 111°55′ |
| 68 | 8-28 | $11^s,55$ M | 20″,6 M |

### 25265 P. — 35623 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | $18^h 56^m$ | 71°49′ |
| 67 | 8-13 | $33^s,07$ M | 39″,6 M |
| | | III. | |
| | | $18^h 57^m$ | 71°48′ |
| 71 | 8-28 | $12^s,57$ G | 24″,1 G |

### 25266 P. — 35598 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | I. | |
| | | $18^h 55^m$ | 88°24′ |
| 41 | 8-13 | $41^s,70$ G | |
| | 8-14 | 41,77 G | |
| | 8-18 | 41,83 G | |
| | 8-30 [1] | | 3″,0 F |
| | 9-11 | | 1,2 F |

### 25266 P. (suite).

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | $18^h 56^m$ | 88°22′ |
| 58 | 9- 5 | $27^s,23$ G | |
| | 9- 6 | 27,27 G | 47″,5 G |
| | | III | |
| | | $18^h 57^m$ | 88°21′ |
| 73 | 7-28 | $12^s,70$ M | 36″,8 M |

[1] D augmentée de 3′ : err. de transcr.

### 25267 P. — 1437 W₁.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | $18^h 56^m$ | 77°34′ |
| 61 | 7-18 | $32^s,30$ G | 53″,4 G |

### 25268 P. — 35638 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | $18^h 56^m$ | 61°59′ |
| 58 | 7-17 | $43^s,50$ G | |
| | | III. | |
| | | $18^h 57^m$ | 61°57′ |
| 70 | 7-16 | $19^s,17$ G | 51″,8 G |
| | 7-19 | 19,02 G | 53,0 G |
| 73 | 8- 1 | 18,93 G | |

### 25269 P. — 35621 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | I. | |
| | | $18^h 56^m$ | 77°58′ |
| 41 | 9-22 | | 6″,3 F |
| | | III. | |
| | | $18^h 57^m$ | 77°55′ |
| 75 | 7-12 | $20^s,59$ G | 40″,9 G |
| | 8-16 | 20,38 G | 41,8 G |

### 25270 P. — 35565 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | $18^h 56^m$ | 114°52′ |
| 58 | 8- 4 | $26^s,19$ G | 16″,6 G |
| 61 | 8-21 | 26,17 G | 20,5 G |

### 25271 P. — 1441 W₁.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | $18^h 56^m$ | 77°32′ |
| 61 | 7-18 | $39^s,99$ G | 8″,3 G |

### 25272 P. — 1430 W₁.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | $18^h 56^m$ | 98°47′ |
| 60 | 8-12 | $34^s,60$ G | |

### 25273 P. — 35582 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | $18^h 56^m$ | 108°0′ |
| 54 | 8-26 | $37^s,81$ G | |
| 59 | 7-23 | 37,99 G | 20″,5 G. |

### 25274 P. — 35608 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | $18^h 56^m$ | 90°59′ |
| 55 | 8- 9 | $46^s,07$ G | 49″,1 G |
| | | III. | |
| | | $18^h 57^m$ | 90°58′ |
| 76 | 8- 1 | $32^s,62$ G | 34″,3 G |
| | 8-11 | 32,64 G | 35,5 G |

### 25275 P. — 35592 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | $18^h 56^m$ | 107°3′ |
| 54 | 8-29 | $44^s,96$ G | |
| 60 | 8- 9 | 44,98 G | 51″,8 G |
| | | III. | |
| | | $18^h 57^m$ | 107°2′ |
| 78 | 8- 2 | $37^s,00$ G | 36″,1 G |

### 25276 P. — 35683 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | III. | |
| | | $18^h 57^m$ | 48°41′ |
| 80 | 8- 4 | $38^s,47$ G | 22″,7 G |
| 81 | 7-18 | 38,65 G | 24,3 G |

### 25277 P. — 18573 Mn₁.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | $18^h 56^m$ | 97°55′ |
| 57 | 7-11 | $49^s,88$ G | 6″,2 G |

### 25278 P. — 35652 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | III. | |
| | | $18^h 57^m$ | 66°48′ |
| 70 | 8- 6 | $42^s,75$ G | 16″,3 G |
| 76 | 7-14 | 42,50 G | 15,3 G |

### 25279 P. — 35611 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | I. | |
| | | $18^h 56^m$ | 95°54′ |
| 40 | 9-21 | $7^s,40$ G | |
| 48 | 7-12 | 7,32 G | |
| | 7-14 | | 33″,3 F |
| | 7-17 | 7,29 G | |
| 49 | 7-20 | 7,36 G | |
| | | II. | |
| | | $18^h 56^m$ | 95°53′ |
| 55 | 9- 7 | | 19″,2 G |
| 56 | 7-26 | $55^s,57$ G | |

### 25279 P. (suite).

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | III. | |
| | | $18^h 57^m$ | 95°52′ |
| 74 | 7-14 | $43^s,50$ G | 4″,8 G |
| | 7-20 | 43,57 G | 5,8 G |
| | 7-27 | 43,64 G | |

### 25280 P — 35908 et 11 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | I. | |
| | | $18^h 58^m$ | 14°25′ |
| 47 | 2-27 I [1] | $43^s,52$ G | |
| 53 | 3- 1 I | 44,06 G | |
| | 3-14 I | 44,28 G | |
| | 7-20 | 44,05 G | |
| | 7-23 | 43,88 G | |
| | 7-28 | 44,63 G | |
| | 7-31 | 44,15 G | |
| | 8- 5 | 44,10 G | |
| | 10-22 I | 43,41 G | |
| | | II. | |
| | | $18^h 58^m$ | 14°24′ |
| 54 | 1-22 I | $14^s,62$ G | |

[1] Indiquée à tort au tome VI comme 49 Dragon PI (distance des fils).

### 25281 P. — 35661-62 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | $18^h 57^m$ | 60°54′ |
| 58 | 9-10 | | 30″,6 G |
| | | III. | |
| | | $18^h 57^m$ | 60°53′ |
| 79 | 7-29 | $46^s,57$ G | 14″,8 G |
| | 8-11 | 46,49 G | 15,0 G |

### 25282 P. — 35628 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | $18^h 57^m$ | 90°43′ |
| 57 | 8- 2 | $2^s,68$ G | 52″,8 G |
| | 8-25 | 2,51 G | 53,9 G |
| 64 | 7-21 | 2,48 M | 54,3 M |
| | | III. | |
| | | $18^h 57^m$ | 90°42′ |
| 77 | 7-26 | $48^s,72$ G | |
| | 7-30 | 48,90 G | |
| 78 | 7-29 | 49,09 G | 40″,8 G |

### 25283 P. — 35686-87 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | $18^h 57^m$ | 52°23′ |
| 67 | 8-10 | $19^s,50$ G | 21″,7 G |
| | | III. | |
| | | $18^h 57^m$ | 52°22′ |
| 69 | 7-22 | $50^s,77$ M | 7″,1 M |

Dates 1800+ — Positions moyennes pour les époques du Catal.

**25284 P. — 35630 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h57m | 90°28′ |
| 69 | 8- 4 | 51s,42 M | 53″,8 M |
| 75 | 6-30 | 51,89 M | 53,9 M |
| 76 | 7-26 | 51,95 M | 53,1 M |

**25285 P. — 35705 et 07 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h57m | 43°14′ |
| 81 | 8- 2 | 53s,93 G | 29″,4 G |

**25286 P. — 1455 W1.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h56m | 86°53′ |
| 39 | 7-16 | 25s,55 G | |
| 40 | 7-17 | 25,48 G | 40″,7 F |
| | 8- 4 | 25,58 G | 38,5 F |
| | 8- 5 | 25,49 G | |

**25287 P. — 35637 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h57m | 84°57′ |
| 58 | 7- 1 | | 42″,5 G |
| | 7-13 | 14s,69 G | 41,8 G |
| | | III. | |
| | | 18h57m | 84°56′ |
| 81 | 8- 8 | 59s,20 M | 28″,3 M |

**25288 P. — 1459 W1.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h57m | 77°27′ |
| 61 | 7-18 | | 24″,9 G |

**25289 P. — 1461 W1.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h56m | 76°31′ |
| 48 | 9-20 | 37s,12 G | |
| | 9-22 | 37,33 G | |
| | 9-24 | 37,31 G | |

**25290 P. — 35625-26 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h57m | 98°51′ |
| 55 | 9-10 | | 27″,0 G |
| 56 | 7-31 | 10s,96 G | |
| | | III. | |
| | | 18h58m | 98°50′ |
| 74 | 8-21 | 0s,11 G | 9″,9 G |
| | 8-22 | 0,19 G | 10,4 G |
| | 8-31 | 0,15 G | 10,9 G |

**25291 P. — 35655 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h57m | 72°55′ |
| 57 | 7-15 | | 13″,1 G |
| | | III. | |
| | | 18h58m | 72°53′ |
| 79 | 8-12 | 0s,21 G | 61″,4 G |
| 80 | 8- 5 | 0,15 M | 59,0 M |

**25292 P. — 35609-10 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h57m | 107°4′ |
| 54 | 9-18 | 9s,28 G | |
| 57 | 8-29 | | 22″,1 G |
| 60 | 8- 9[1] | 9,88 G | |

[1] 𝒜 non comprise dans le Cat.

**25293 P. — 35632 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h56m | 98°20′ |
| 39 | 7-20 | 29s,58 G | |
| | 7-27 | 29,69 G | |
| | 7-28 | 29,51 G | |
| | | II. | |
| | | 18h57m | 98°19′ |
| 64 | 8-16 | 18s,27 M | 33″,0 M |
| | | III. | |
| | | 18h58m | 98°18′ |
| 74 | 9- 1 | 7s,20 G | 18″,6 G |

**25294 P. — 35653 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h57m | 78°54′ |
| 56 | 6-25 | | 4″,0 G |
| 58 | 9-11 | 25s,53 G | 3,7 G |
| 67 | 8-19 | 25,55 M | 3,0 M |
| | 8-22 | 25,66 M | 2,7 M |

**25295 P. — 35667 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h57m | 66°34′ |
| 58 | 8- 8 | | 33″,1 G |
| | 8-28 | | 32,4 G |
| | | III. | |
| | | 18h58m | 66°33′ |
| 70 | 7-15 | 8s,93 G | 16″,8 G |
| 75 | 7-31 | 9,04 M | 17,4 M |

**25296 P. — 3442 A + 31°.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h57m | 58°31′ |
| 59 | 8-10[1] | 35s,68 G | |
| | | III. | |
| | | 18h58m | 58°29′ |
| 80 | 7-15 | 10s,11 M | 47″,7 M |

[1] 𝒜 augm. de 0s,20 : err. de moy.

**25297 P. — 35673 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h58m | 64°21′ |
| 81 | 8- 2 | 11s,64 J | 21″,7 J |
| | 8- 4 | 11,30 J | 18,2 J |
| | 8- 7 | 11,34 J | 21,0 J |

**25298 P. — 49 Dragon.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h57m | 34°33′ |
| 41 | 7- 3[1] | | 45″,4 F |
| 48 | 6-23 | 39s,01 G | |

[1] Observation de distance polaire faite près du zenith sans indication de la position de l'observateur ; on n'a pas tenu compte de la valeur de l'équation personnelle dans la réduction de l'observation.

**25299 P. — 35639-40 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h56m | 94°15′ |
| 50 | 7-29 | 45s,47 G | |
| | | II. | |
| | | 18h57m | 94°14′ |
| 56 | 8- 1 | 33s,14 G | |
| | | III. | |
| | | 18h58m | 94°13′ |
| 79 | 8-11 | 20s,50 J | 27″,8 J |

**25300 P. — 35674 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h58m | 68°54′ |
| 81 | 7- 3 | 20s,86 J | 54″,4 J |
| | 7-26 | 20,57 J | 52,5 J |

**25301 P. — 35642-43 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h56m | 94°15′ |
| 39 | 7- 3 | 46s,77 G | |
| | 8-24 | 46,57 G | |
| 41 | 9- 8 | 46,60 G | |
| 46 | 7- 3 | 46,44 G | |
| | 7-12 | 46,44 G | |
| | 7-28 | 46,58 G | |
| | 8-21 | 46,59 G | |
| 47 | 6-12 | 46,44 G | |
| 48 | 7-22 | 46,26 G | |
| 50 | 7-12 | | 23″,1 G |
| | | II. | |
| | | 18h57m | 94°14′ |
| 55 | 9- 8 | | 9″,9 G |
| 56 | 8- 1 | 33s,98 G | |
| 57 | 8-17 | 33,99 G | |
| 64 | 7-28 | 34,03 M | 11,2 M |
| | | III. | |
| | | 18h58m | 94°12′ |
| 76 | 8- 3 | 21s,62 G | 55″,7 G |

**25302 P. — 35716 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 18h58m | 47°11′ |
| 81 | 7- 7 | 22s,03 G | 6″,7 G |
| | 7-28 | | 9,3 G |

**25303 P. — 7025 Rümker.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h57m | 75°7′ |
| 40 | 8- 3 | 5s,55 G | |
| | 8-29 | 5,62 G | |

**25304 P. — 35663 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h57m | 81°54′ |
| 57 | 5-27 | | 30″,4 G |
| | | III. | |
| | | 18h58m | 81°53′ |
| 71 | 8- 9 | 28s,93 M | 15″,5 M |
| | 8-10 | 28,97 M | 14,2 M |

**25305 P. — 19053 A.O.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h56m | 105°53′ |
| 48 | 7- 8 | 48s,32 G | |
| 49 | 7-14[1] | 48,41 G | |
| | 7-21 | 48,41 G | |
| | 7-22 | | 15″,7 G |

[1] 𝒜 augmentée de 1m.

**25306 P. — 35635 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h57m | 109°41′ |
| 58 | 9-12 | | 19″,4 G |

**25307 P. — 35706 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h58m | 58°31′ |
| 59 | 8-10 | 2s,81 G | |

**25308 P. — 35648 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 18h56m | 102°14′ |
| 40 | 7-29 | 58s,88 G | |

**25309 P. — 35730 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 18h58m | 47°5′ |
| 67 | 8- 2 | 17s,10 M | 9″,3 M |
| | 9- 6 | 17,25 M | 9,5 M |
| | | III. | |
| | | 18h58m | 47°3′ |
| 81 | 7-28 | 45s,01 G | |

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. Æ. | D. |
|---|---|---|

**25310 P. — 35664 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 18h58m | 91°8′ |
| 55 8-13 | 1s,93 G | |
| 56 7-28 | | 32″,3 G |
| III. | 18h58m | 91°7′ |
| 78 7-30 [1] | 48s,64 G | 17″,6 G |

[1] Æ diminuée de 0s,20 : erreur de 1s sur un fil.

**25311 P. — 35651 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 18h57m | 104°51′ |
| 54 9- 4 | 57s,65 G | |
| III. | 18h58m | 104°50′ |
| 78 8- 6 | 49s,12 G | 19″,8 G |

**25312 P. — 35689 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 18h58m | 81°42′ |
| 71 8-11 | 52s,78 M | 31″,6 M |
| 72 7-16 | 52,72 G | |
| 7-20 | 52,78 M | 31,7 M |

**25313 P. — 35731 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 18h57m | 50°16′ |
| 40 8- 8 | 56s,30 G | 18″,7 F |
| 9-10 | | 17,5 F |

**25314 P. — 35646-47 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 18h57m | 117°53′ |
| 37 6-19 | 15s,38 G | 25″,6 F |
| 6-21 | 15,53 G | |
| 6-22 | 15,55 G | 24,8 F |
| 10-23 | 15,82 G | |
| 38 8-30 | 15,50 G | |
| 8-31 | 15,50 G | |
| 10- 3 | 15,51 G | |
| 39 6-26 | 15,66 G | |
| 8-21 | 15,68 G | 23,6 F |
| 40 8- 9 | 15,61 G | |
| 8-12 | 15,51 G | |
| 8-14 | 15,62 G | |
| 41 7- 3 | 15,64 G | |
| 8-13 | | 26,3 F |
| II. | 18h58m | 117°52′ |
| 56 5-22 | | 13″,9 G |
| 5-23 | | 13,9 G |
| 57 7- 6 | 11s,89 G | 14,2 G |
| 9-27 | 11,90 G | 13,0 G |
| 59 9- 5 | | 14,4 G |
| 10- 4 | 11,86 G | |
| 60 7-25 | 11,91 G | 15,2 G |
| III. | 18h59m | 117°51′ |
| 78 8- 9 | 8s,07 G | 4″,5 G |

**25315 P. — 35782 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 18h59m | 37°55′ |
| 81 8- 7 | 10s,42 G | 11″,1 G |

**25316 P. — 35733 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 18h59m | 54°26′ |
| 68 8- 4 | 11s,21 G | |
| 75 8-11 | 10,97 M | 28″,9 M |
| 76 8- 1 | 11,07 M | 29,3 M |

**25317 P. — 35697 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 18h59m | 80°32′ |
| 74 8-20 | 11s,43 G | 39″,4 G |
| 75 7-29 | 11,49 G | 38,8 G |
| 7-31 | 11,42 G | 38,6 G |

**25318 P. — 35709 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 18h58m | 74°28′ |
| 58 6- 3 | | 17″,4 G |
| 60 9- 6 | | 16,3 G |
| III. | 18h59m | 74°26′ |
| 79 7-17 | 13s,87 G | 59″,8 G |

**25319 P. — 35714 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 18h59m | 68°43′ |
| 70 7-29 | 14s,92 G | 1″,9 G |

**25320 P. — 35670 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 18h58m | 103°30′ |
| 58 7-11 | 27s,95 G | 32″,1 G |
| 59 7-11 | 27,74 G | 30,6 G |

**25321 P. — 35682 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 18h58m | 99°50′ |
| 57 7-31 | 29s,38 G | 30″,3 G |
| 60 7-21 | 29,41 G | 29,1 G |
| 8-16 | 29,47 G | 27,9 G |

**25322 P. — 35726-27 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 18h59m | 62°51′ |
| 81 8- 5 | 19s,87 J | 52″,7 J |

**25323 P. — 35740-41 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 18h58m | 56°3′ |
| 66 7- 7 | 47s,36 G | 16″,2 G |
| 7-12 [1] | 47,26 G | 15,8 G |
| 67 8-13 | | 17,2 G |
| III. | 18h59m | 56°2′ |
| 69 7-21 | 20s,42 M | 0″,4 M |
| 75 8- 9 | 20,18 G | |

[1] D diminuée de 2′.

**25324 P. — 18895 A.O.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 18h59m | 21°14′ |
| 63 8- 3 [1] | 23s,86 M | 52″,3 M |

[1] Æ diminuée de 30s : err. de moy.

**25325 P. — 35720 et 22 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 18h59m | 66°51′ |
| 70 7-19 | 23s,37 G | 23″,9 G |
| 81 8-13 | 23,43 J | 23,7 J |

**25326 P. — 1506 W1.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 18h58m | 77°35′ |
| 61 7-18 | 43s,33 G | 52″,4 G |

**25327 P. — 35665 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 18h58m | 112°42′ |
| 61 8-21 | 32s,96 G | 31″,1 G |
| III. | 18h59m | 112°41′ |
| 79 7-29 | 27s,20 J | 13″,3 J |

**25328 P. — 35696 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 18h58m | 90°53′ |
| 58 7-30 | 42s,30 G | 39″,0 G |

**25329 P. — 35691-92 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 18h58m | 102°5′ |
| 54 10- 1 | 38s,64 G | |
| 60 9-12 [1] | 38,63 G | 31″,8 G |

[1] D diminuée de 1′ : erreur de transcr.

**25330 P. — 3799 A + 12°.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 18h58m | 77°38′ |
| 61 7-18 | 49s,03 G | |

**25331 P. — 16364 T — 31°.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 18h58m | 121°53′ |
| 58 8-19 | 34s,97 G | |

**25332 P. — 35698 à 700 L.**

**16 λ Aigle.**

Étoile fondamentale.

**25333 P. — 35717 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 18h58m | 78°56′ |
| 67 8-19 | 54s,99 M | 20″,2 M |

**25334 P. — 35718 L.**

**17 ζ Aigle.**

Étoile fondamentale.

**25335 P. — 35756-57 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 18h59m | 56°5′ |
| 68 7-31 | 41s,24 G | 57″,8 G |
| 8- 7 | 41,26 G | |
| 75 7-26 | 41,56 G | |
| 7-27 | 41,24 G | 56,7 G |

**25336 P. — 35715 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 18h58m | 83°39′ |
| 56 6-30 | | 33″,5 G |
| 58 7-19 | 57s,75 G | |
| 59 7- 5 | 57,70 G | |

**25337 P. — 35712 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 18h59m | 91°19′ |
| 55 8-23 | 0s,39 G | |
| 57 7-10 | | 37″,7 G |
| III. | 18h59m | 91°18 |
| 76 8- 1 | 46s,85 G | 20″,8 G |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜. 𝒫.)

### 25338 P. — 35753-54 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $18^h59^m$ | 64°22′ |
| 59 8-22 | $19^s,71$ G | 15″,7 G |
| | III. | |
| | $18^h59^m$ | 64°20′ |
| 70 8-6 | $56^s,56$ G | 59″,0 G |

### 25339 P. — 1525 $W_1$.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $18^h59^m$ | 76°21′ |
| 58 10-4 | $24^s,70$ G | |
| 59 7-17 | 24,38 G | |
| 61 8-9 | 24,26 G | |

### 25340 P. — 35710 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $18^h59^m$ | 103°52′ |
| 54 8-31 | $16^s,09$ G | |

### 25341 P. — 35774 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $18^h59^m$ | 59°28′ |
| 67 8-19 | $34^s,46$ G | 29″,8 G |

### 25342 P. — 35779 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $18^h59^m$ | 58°27′ |
| 59 8-10 | $37^s,66$ G | |

### 25343 P. — 35769 et 71 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $18^h59^m$ | 64°17′ |
| 58 7-17 | $38^s,05$ G | 13″,2 G |
| 8-8 | | 13,4 G |
| 9-10 | | 13,7 G |
| 59 8-22 | 38,19 G | |

### 25344 P. — 35755 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $18^h59^m$ | 88°41′ |
| 63 7-5 | $30^s,14$ M | 23″,9 M |
| | III. | |
| | $19^h0^m$ | 88°40′ |
| 75 8-9 | $15^s,70$ M | 6″,7 M |

### 25345 P. — 35746 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $19^h0^m$ | 83°2′ |
| 71 8-7 | $18^s,79$ M | 8″,3 M |
| 75 7-20 | 18,65 G | 8,8 G |
| 7-28 | 18,88 G | 9,0 G |

### 25346 P. — 35703 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $18^h59^m$ | 117°2′ |
| 57 8-12 | $26^s,19$ G | 56″,6 G |

### 25347 P. — 19097 A.O.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $18^h59^m$ | 117°3′ |
| 57 8-12 | $29^s,27$ G | |

### 25348 P. — 35767 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | $18^h59^m$ | 76°23′ |
| 44 9-2 [1] | $11^s,72$ G | |
| 46 7-1 | 11,42 G | |
| 47 8-4 | 11,56 G | |

[1] Erreur de 2° dans la decl. approchée inscrite au t. V. Le Cahier-minute porte : ★ $h = 54°44'$

### 25349 P. — 35742-43 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $19^h0^m$ | 95°5′ |
| 74 8-21 | $35^s,87$ G | 23″,1 G |
| 79 8-2 | 36,01 M | 25,0 M |

### 25350 P. — 35713 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | $18^h58^m$ | 114°53′ |
| 39 8-24 | $46^s,15$ G | |

### 25351 P. — 35775 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $19^h0^m$ | 74°21′ |
| 56 6-25 | | 4″,5 G |
| 60 8-9 | $0^s,08$ G | 4,9 G |

### 25352 P. — 1537 $W_1$.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $19^h0^m$ | 88°45′ |
| 71 8-9 | $45^s,89$ M | 37″,3 M |

### 25353 P. — 35758 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $19^h0^m$ | 89°33′ |
| 71 8-10 | $46^s,34$ M | 1″,4 M |
| 76 8-5 | 46,45 M | 1,7 M |

### 25354 P. — 35826 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $19^h0^m$ | 46°16′ |
| 68 7-31 | $47^s,79$ M | 25″,8 M |
| 75 8-11 | 47,95 G | 25,2 G |

### 25355 P. — 35822 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | $18^h59^m$ | 48°48′ |
| 40 8-9 | $50^s,62$ G | |

### 25356 P. — 35792 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $19^h0^m$ | 69°33′ |
| 58 8-28 | | 49″,4 G |

### 25357 P. — 35735 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $19^h0^m$ | 109°30′ |
| 54 9-11 | $3^s,04$ G | |
| 57 8-29 | | 21″,1 G |
| | III. | |
| | $19^h0^m$ | 109°29′ |
| 78 8-2 | $55^s,97$ G | 1″,8 G |

### 25358 P. — 35804-05 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $19^h0^m$ | 61°4′ |
| 81 8-2 | $57^s,52$ J | 35″,4 J |

### 25359 P. — 35766 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $19^h0^m$ | 91°20′ |
| 55 8-9 | $12^s,19$ G | 18″,1 G |
| | III. | |
| | $19^h0^m$ | 91°19′ |
| 77 7-26 | $58^s,79$ G | |
| 7-30 | 58,73 G | |

### 25360 P. — 35764-65 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $19^h0^m$ | 95°10′ |
| 56 8-3 | | 20″,9 G |

### 25361 P. — 35778 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $19^h0^m$ | 86°19′ |
| 57 8-22 | $19^s,21$ G | 7″,4 G |
| | III. | |
| | $19^h1^m$ | 86°17′ |
| 71 8-5 | $3^s,98$ M | 48″,6 M |
| 8-11 | 3,98 M | 49,4 M |

### 25362 P. — 35789-90 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | $18^h59^m$ | 79°9′ |
| 37 8-17 | $40^s,77$ G | |
| 9-7 | 40,89 G | |
| 38 8-16 | 40,80 G | |
| 9-3 | 40,85 G | |
| 41 8-14 | 40,88 G | |
| 8-18 | 40,88 G | |
| 8-19 | 40,70 G | |
| 8-20 | 40,97 G | |
| 9-1 | 40,93 G | |
| 9-19 | 40,77 G | |
| 46 7-11 | | 47″,3 G |
| | II. | |
| | $19^h0^m$ | 79°8′ |
| 57 7-15 | | 27″,0 G |
| | III. | |
| | $19^h1^m$ | 79°7′ |
| 80 7-27 | | 9″,3 G |

### 25363 P. — 18829 $Mn_1$.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $19^h0^m$ | 77°37′ |
| 61 7-18 | | 6″,8 G |

### 25364 P. — 35768 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $19^h0^m$ | 98°3′ |
| 55 8-10 | $25^s,68$ G | |
| 56 7-28 | | 42″,7 G |

### 25365 P. — 35842 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | $19^h0^m$ | 48°48′ |
| 40 8-15 | $16^s,15$ G | |
| 8-16 [1] | 16,19 G | |

[1] 𝒜 diminuée de $30^s$ : erreur de réduct.

### 25366 P. — 325 Piazzi.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | $19^h0^m$ | 35°50′ |
| 40 9-10 [1] | | 29″,3 F |

[1] Observation faite près du zénith sans indication de la position de l'observateur. On n'a pas tenu compte de la valeur de l'équation personnelle dans la réduction de l'observation.

### 25367 P. — 35814 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $19^h1^m$ | 67°17′ |
| 70 7-15 | $16^s,62$ G | 57″,3 G |
| 7-20 | 16,60 G | |
| 75 7-31 | 16,70 M | 57,4 M |

Dates 1800+ — Positions moyennes pour les époques du Catal.

**25368 P. — 4164 Romberg.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| I. | 19h 0m | 59°47' |
| 40 7-16 | 8s,94 G | 47",1 F |

**25369 P. — 35770 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 19h 0m | 103°11' |
| 54 9-18 | 34s,06 G | |

**25370 P. — 35763 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 19h 0m | 109°10' |
| 58 9-12 | | 10",9 G |
| III. | 19h 1m | 109°8' |
| 78 8-6 | 24s,59 G | 52",9 G |

**25371 P. — 35819-20 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| III. | 19h 1m | 65°56' |
| 81 7-3[1] | 25s,99 J | 29",5 J |

[1] $\mathcal{A}$ dim. de 0s,17 : err. de moyenne.

**25372 P. — 35854-55 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| III. | 19h 1m | 48°0' |
| 81 7-18 | 26s,09 G | 44",0 G |

**25373 P. — 35793 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| III. | 19h 1m | 88°24' |
| 72 7-16 | 26s,88 G | |
| 7-20 | 26,85 M | 30",3 M |
| 75 7-29 | 26,80 G | 30,5 G |

**25374 P. — 35791 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 19h 0m | 91°29' |
| 55 9-10 | | 40",0 G |
| 57 8-2 | 41s,81 G | 40,1 G |
| III. | 19h 1m | 91°28' |
| 78 7-29 | 28s,52 G | 23",5 G |

**25375 P. — 35845 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 19h 0m | 54°19' |
| 67 8-9 | 58s,83 G | 56",5 G |
| III. | 19h 1m | 54°18' |
| 68 8-4 | 30s,82 G | 36",7 G |

**25376 P. — 1901 $W_2$.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| I. | 19h 0m | 73°9' |
| 40 8-29 | 12s,87 G | |

**25377 P. — 35821 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| III. | 19h 1m | 68°1' |
| 70 7-19 | 33s,93 G | 3",2 G |
| 7-23 | 34,02 G | 3,4 G |

**25378 P. — 35799-800 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| I. | 19h 0m | 83°15' |
| 40 8-14 | 6s,38 G | |
| II. | 19h 0m | 83°13' |
| 56 7-3 | 50s,27 G | |
| 57 10-3 | 50,18 G | |
| 58 7-1 | | 53",0 G |
| III. | 19h 1m | 83°12' |
| 71 8-8 | 34s,25 M | 34",7 M |

**25379 P. — 1557 $W_1$.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| I. | 18h 59m | 97°40' |
| 40 7-29 | 58s,12 G | |

**25380 P. — 18856 $Mn_1$.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 19h 0m | 77°35' |
| 61 7-18 | 54s,63 G | 27",6 G |

**25381 P. — 35773 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 19h 0m | 108°53' |
| 59 7-23 | 45s,79 G | 59",3 G |

**25382 P. — 35836-37 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 19h 1m | 61°35' |
| 59 7-16 | 4s,43 G | |
| 60 9-12 | 4,55 G | 21",0 G |
| III. | 19h 1m | 61°33' |
| 79 8-12 | 40s,16 G | 58",6 G |

**25383 P. — 1920 $W_2$.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 19h 1m | 58°28' |
| 59 8-10 | 5s,89 G | |

**25384 P. — 35833 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| I. | 19h 0m | 67°39' |
| 41 7-18 | 33s,85 G | |

**25385 P. — 35784 L**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 19h 0m | 108°42' |
| 54 9-3 | 58s,34 G | |
| 55 7-13 | 58,40 G | |

**25386 P. — 35810-11 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 19h 1m | 88°55' |
| 57 5-27 | | 5",5 G |
| 60 8-10 | 6s,96 G | 6,7 G |
| 8-12 | 7,21 G | |
| 9-6 | | 4,8 G |

**25387 P. — 7934 Brux.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| I. | 19h 0m | 76°23' |
| 43 8-26 | 31s,88 G | |
| 8-27 | 31,76 G | |
| 44 8-19 | 31,89 G | |
| 53 9-19 | 31,97 G | |
| II. | 19h 1m | 76°22 |
| 59 7-2 | 13s,10 G | |
| 7-12 | 13,12 G | |
| 7-17 | 12,99 G | |
| 61 7-15 | 13,21 G | 13",0 G |
| 8-9 | 13,18 G | |
| 8-14 | 13,23 G | 11,4 G |

**25388 P. — 35852 et 899 à 901 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| III. | 19h 1m | 40°16' |
| 81 8-2 | 56s,20 G | 3",6 G |

**25389 P. — 35830 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| I. | 19h 0m | 73°56' |
| 40 7-15[1] | 38s,32 G | |
| 8-31 | 38,38 G | |
| II. | 19h 1m | 73°55' |
| 57 6-2 | | 33",4 G |
| 58 8-16 | 18s,57 G | |
| 60 7-21 | | 35,5 G |

**25389 P. (suite).**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| III. | 19h 1m | 73°54' |
| 71 8-27 | 59s,35 G | |

[1] $\mathcal{A}$ diminuée de 1m.

**25390 P. — 35838 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| I. | 19h 0m | 74°10' |
| 41 8-5[1] | 44s,20 G | |
| II. | 19h 1m | 74°8' |
| 58 6-3 | | 49",4 G |
| 9-27 | 24s,66 G | |
| 59 8-13 | 24,79 G | |
| III. | 19h 2m | 74°7' |
| 79 7-17 | 5s,31 G | |
| 7-29 | 5,37 G | 28",1 G |

[1] $\mathcal{A}$ diminuée de 0s,30 : err. de moy.

**25391 P. — 35866 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 19h 1m | 52°49' |
| 66 7-12 | 34s,91 G | 38",1 G |
| III. | 19h 2m | 52°48' |
| 74 8-21 | 6s,12 M | 16",4 M |
| 75 8-11 | 6,27 M | 16,9 M |
| 76 8-8 | 6,25 M | 17,6 M |

**25392 P. — 51 Dragon.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| I. | 19h 1m | 36°50' |
| 46 8-11[1] | | 21",1 G |
| 8-25 | 25s,80 G | |
| 48 6-22 | 26,17 G | |

[1] Observation faite près du zénith sans indication de la position de l'observateur. On n'a pas tenu compte de la valeur de l'équation personnelle dans la réduction.

**25393 P. — 35853 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| III. | 19h 2m | 65°40' |
| 70 7-18 | 7s,10 G | |
| 7-22 | 7,13 G | 4",4 G |
| 8-6 | 7,13 G | 4,5 G |
| 73 7-18 | 6,81 G | 3,0 G |
| 8-4 | 6,95 G | |

**25394 P. — 35807 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| III. | 19h 2m | 99°0' |
| 74 7-27 | 7s,57 G | |
| 75 7-26 | 7,68 G | |
| 7-31 | 7,62 G | 50",8 G |

Dates 1800 + / Positions moyennes pour les époques du Catal.

**25395 P. — 18890 Mn$_1$.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h 2m | 81° 16' |
| 76 | 7-20 | 8s,45 M | 24",2 M |
| 80 | 8-23 | 8,52 M | 25,9 M |

**25396 P. — 35864 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 1m | 56° 34' |
| 67 | 7-30 [1] | 39s,05 G | 0",1 G |

[1] 𝒜 diminuée de 1s : correction indiquée comme probable par l'observateur.

**25397 P. — 35844 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 1m | 73° 58' |
| 58 | 8-16 | 31s,62 G | 44",9 G |
| | | III. | |
| | | 19h 2m | 73° 57' |
| 71 | 8-27 | | 26",1 G |
| | 9- 5 | 12s,07 G | |

**25398 P. — 35884 à 86 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h 1m | 48° 49' |
| 40 | 8-16 | 15s,53 G | |
| | | III. | |
| | | 19h 2m | 48° 46' |
| 80 | 8-23 | 13s,92 J | 43",0 J |

**25399 P. — 35832 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h 0m | 80° 39' |
| 40 | 8- 5 | 48s,26 G | 34",5 F |

**25400 P. — 35831 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h 2m | 81° 12' |
| 74 | 8- 6 | 14s,58 M | 36",1 M |
| 76 | 8- 1 | 14,53 M | 35,8 M |

**25401 P. — 18901 Mn$_1$.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 1m | 79° 46' |
| 59 | 7-24 | 33s,84 G | |

**25402 P. — 35818 L**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 1m | 97° 14' |
| 57 | 7-31 | | 7",9 G |
| | | III. | |
| | | 19h 2m | 97° 12' |
| 79 | 7-29 | 17s,94 J | 48",3 J |
| | 8-11 | 17,86 J | 47,8 J |

**25403 P. — 35797-98 L.**

41 π Sagittaire.

Étoile fondamentale.

**25404 P. — 35851 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h 1m | 73° 22' |
| 41 | 9-13 [1] | 0s,07 G | |
| | | II. | |
| | | 19h 1m | 73° 21' |
| 56 | 9- 3 | | 5",6 G |
| 59 | 8-28 | 40s,45 G | 8,8 G |
| | | III. | |
| | | 19h 2m | 73° 19' |
| 71 | 8-16 | 20s,93 G | |

[1] Indiquée à tort comme 19 Aigle (dist. des fils).

**25405 P. — 35824 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h 0m | 92° 31' |
| 40 | 7-27 | 47s,52 G | |
| | 8- 1 | 47,42 G | |
| | 8- 3 | 47,39 G | |
| | | II. | |
| | | 19h 1m | 92° 30' |
| 55 | 8-13 | 34s,30 G | |
| | 9- 8 | | 22",7 G |
| | | III. | |
| | | 19h 2m | 92° 29' |
| 76 | 7-19 | 21s,27 G | 4",9 G |
| | 8- 1 | 21,16 G | 2,5 G |
| | 8- 9 | 21,15 G | 4,2 G |

**25406 P. — 35815 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 1m | 103° 40' |
| 54 | 8-22 | | 26",9 G |
| 58 | 7-11 | 31s,18 G | 26,3 G |

**25407 P. — 35879 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 1m | 54° 5' |
| 67 | 8-10 | 49s,28 G | 13",5 G |
| | | III. | |
| | | 19h 2m | 54° 3' |
| 80 | 8- 5 | 21s,34 M | 51",2 M |

**25408 P. — 35857 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 1m | 70° 21' |
| 58 | 7- 7 | | 16",4 G |

**25408 P. (suite).**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h 2m | 70° 19' |
| 71 | 9-15 | 25s,07 G | |
| 75 | 7-20 | 24,95 G | 54",2 G |
| | 7-27 | 24,88 G | 52,8 G |

**25409 P. — 316 Piazzi.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h 0m | 110° 2' |
| 39 | 7- 3 | 39s,56 G | |
| | 8-21 | 39,57 G | 32",8 F |
| | 8-24 | 39,58 G | |
| | 9- 4 | 39,60 G | |

**25410 P. — 35873 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h 2m | 57° 56' |
| 81 | 7-21 | 26s,12 J | 47",5 J |
| | 8-22 | 26,14 J | 48,1 J |

**25411 P. — 35849 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 1m | 79° 50' |
| 59 | 7-24 | 46s,26 G | |
| | | III. | |
| | | 19h 2m | 79° 48' |
| 71 | 8- 1 | 28s,77 G | |
| | 8-28 | 28,65 G | 56",7 G |
| 76 | 7-29 | 28,77 M | 57,9 M |

**25412 P. — 19163-64 A. O.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 1m | 120° 13' |
| 58 | 8-19 | 32s,56 G | |

**25413 P. — 35930 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h 2m | 44° 22' |
| 81 | 8- 7 | | 25",3 G |

**25414 P. — 35909 et 12 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h 1m | 48° 43' |
| 40 | 8-28 | 36s,33 G | |
| | 8-29 | | 20",3 F |
| | | III. | |
| | | 19h 2m | 48° 40' |
| 80 | 8-10 | 34s,30 G | 35",7 G |
| 81 | 7-12 | | 39,2 G |
| | 7-26 | 34,32 G | |

**25415 P. — 35859 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h 1m | 77° 8' |
| 41 | 8-20 | 14s,08 G | |

**25416 P. — 35882 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h 2m | 59° 56' |
| 80 | 7-28 [1] | 40s,11 G | |
| | 9- 2 | 40,24 J | 37",4 J |
| 81 | 7-28 | 40,56 J | 37,1 J |
| | 7-29 | 40,25 J | 37,6 J |
| | 8- 6 | 40,16 J | 38,0 J |

[1] Erreur dans la décl. approchée inscrite (distance des fils).

**25417 P. — 35847-48 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 1m | 88° 52' |
| 56 | 6-30 | 54s,86 G | |
| 60 | 7-15 | 55,16 G | |
| | | III. | |
| | | 19h 2m | 88° 50' |
| 72 | 7- 5 | 40s,68 M | 40",8 M |
| 73 | 7-25 | 40,74 M | 40,7 M |

**25418 P. — 35834 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 1m | 97° 7' |
| 58 | 7-30 | 53s,01 G | 59",2 G |
| | 9-26 | 52,97 G | 59,1 G |
| | | III. | |
| | | 19h 2m | 97° 6' |
| 74 | 8-21 | 41s,29 G | 39",6 G |

**25419 P. — 35888 et 90 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h 1m | 57° 44' |
| 46 | 7-26 | 33s,98 G | |
| | 8-21 | 33,76 G | |
| 47 | 6-28 | 33,79 G | |
| | 8- 4 | 33,78 G | |
| 49 | 6-27 | 33,79 G | |
| | | II. | |
| | | 19h 2m | 57° 42' |
| 55 | 10-15 | 7s,80 G | |
| 67 | 8-12 | 7,99 G | 59",8 G |
| | | III. | |
| | | 19h 2m | 57° 41' |
| 80 | 8-10 | 41s,99 M | 37",3 M |

**25420 P. — 18939 Mn$_1$.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 1m | 97° 11' |
| 58 | 9-26 | 59s,11 G | |

### 25421 P. — 35862 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | 19h 2m | 80°51' |
| 57 | 7-18 | 5s,10 G | 8",6 G |
| 58 | 7- 3 | 5,09 G | 8,9 G |
| 59 | 7- 5 | 5,06 G | 9,9 G |
| 62 | 9- 5 | 5,11 G | |

### 25422 P. — 35913 et 16 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | I. | 19h 1m | 54°8' |
| 46 | 7-10 | 46s,23 G | |
| | 7-20 | 46,34 G | 23",1 G |
| | 7-21 | 46,30 G | |
| | 7-22 | 46,36 G | |
| | 7-23 | 46,20 G | |
| | 8- 3 | | 22,9 G |
| | 8- 9 | 46,27 G | |
| | 8-14 | 46,26 G | |
| | 8-29 | 46,22 G | |
| 47 | 8-27 | 46,32 G | |
| | 8-28 | 46,38 G | |
| 48 | 6-10 | 46,25 G | |
| | 6-23 | 46,24 G | |
| 53 | 11- 4 | 46,27 G | |
| | II. | 19h 2m | 54°7' |
| 63 | 7-10 | 18s,46 G | |
| | 7-13 | 18,25 G | |
| | 7-15 | 18,31 G | |
| | 7-24 | 18,35 G | |
| | 7-30 | 18,35 G | |
| | 7-31 | 18,31 G | |
| | 8- 1 | 18,28 G | |
| | 8- 9 | 18,37 G | |
| | 8-10 | 18,34 G | |
| | 8-13 | 18,39 G | |
| | 8-14 | 18,40 G | |
| | 8-17 | 18,29 G | |
| | 8-24 | 18,36 G | |
| | 8-25 | 18,34 G | |
| | 8-31 | 18,30 G | |
| 64 | 6-24 | 18,21 G | |
| | 7- 1 | 18,40 G | |
| | 7- 4 | 18,38 G | |
| | 7- 6 | 18,29 G | |
| | 7-27 | | 2",7 G |
| | 7-28 | | 3,6 G |
| | 8- 1 | | 3,4 G |
| | 8- 6 | 18,37 G | |
| | 8-10 | 18,41 G | |
| | 8-16 | 18,27 G | |
| | 8-17 | 18,27 G | |
| | 8-26 | | 2,9 G |
| | 8-27 | 18,36 G | |
| | 8-28 | 18,29 G | |
| | 8-29 | 18,23 G | |
| | 9- 1 | 18,42 G | |
| 65 | 8-30 | | 2,4 G |
| | 9- 1 | 18,32 G | |
| | 9- 6 | 18,32 G | |
| | 9- 7 | 18,46 G | |
| 66 | 7-20 | 18,51 G | |
| 67 | 8-13 | 18,40 G | 1,0 G |
| | III. | 19h 2m | 54°5' |
| 68 | 8- 7 | 50s,27 G | |
| | 8-13 | | 40",7 G |
| 72 | 7- 4 | 50,39 G | |
| | 7- 5 | 50,42 G | |
| | 7- 9 | 50,39 G | |

### 25422 P. (suite).

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | III. | 19h 2m | 54°5' |
| 72 | 7-20 | 50s,41 G | |
| | 8-17 | 50,37 G | |
| | 8-18 | 50,41 G | |
| | 8-19 | 50,33 G | |
| | 8-20 | 50,30 G | |
| 74 | 8-26 | 50,36 M | 41",5 M |
| 75 | 8- 9 | 50,38 G | 40,0 G |
| | 8-16 | 50,38 G | 41,1 G |
| 76 | 7-12 | | 40,4 G |

### 25423 P. — 35881 et 83 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | 19h 2m | 65°29' |
| 58 | 8- 8[1] | | 33",3 G |
| | 9-16 | 14s,00 G | 33,4 G |
| | III. | 19h 2m | 65°28' |
| 70 | 8- 1 | 51s,09 G | 11",7 G |
| 73 | 7-17 | 51,12 G | 11,8 G |
| | 8- 1 | 51,12 G | |
| 74 | 7-20 | 51,26 M | 11,5 M |

[1] D augmentée de 5" : erreur de 10" sur l'un des deux microscopes lus.

### 25424 P. — 35865 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | I. | 19h 1m | 75°48' |
| 43 | 8-29 | 29s,86 G | |
| | 8-30 | 29,74 G | |
| | 8-31 | 29,74 G | |
| | III. | 19h 2m | 75°45' |
| 71 | 7-28 | 52s,20 M | 39",8 M |
| | 7-28 | 52,13 G | |
| | 7-31 | 52,25 G | |
| | 8-12[1] | 52,31 G | |

[1] Æ diminuée de 1m.

### 25425 P. — 35860 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | I. | 19h 1m | 84°9' |
| 40 | 9-21 | 24s,33 G | |
| 41 | 9-11 | | 56",6 F |
| 46 | 7- 7 | 24,21 G | |
| | 7-12 | 24,48 G | |
| | 9-18 | 24,39 G | |
| | 9-19 | 24,36 G | |
| | 9-22 | 24,41 G | |
| | 9-26 | 24,49 G | |
| | 9-30 | 24,45 G | |
| | 10- 1 | 24,40 G | |
| 48 | 7- 5 | 24,32 G | |
| | 7- 6 | 24,53 G | |
| | 7- 7 | 24,46 G | |
| 49 | 7-13 | 24,39 G | |
| 50 | 9- 3 | | 57,8 F |
| 53 | 9-25 | 24,33 G | |

### 25425 P. (suite).

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | 19h 2m | 84°8' |
| 56 | 7-15 | | 37",3 G |
| 57 | 7-19 | 8s,51 G | |
| | 7-28 | 8,35 G | 36,7 G |
| | 8- 6 | 8,39 G | 37,2 G |
| | 8-20 | 8,43 G | 37,8 G |
| 58 | 7-13 | 8,54 G | |
| | 9- 6 | 8,66 G | |
| 59 | 8-25 | 8,53 G | |

### 25426 P. — 35933 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | I. | 19h 1m | 48°37' |
| 40 | 8-29 | | 0",3 F |
| | III. | 19h 2m | 48°34' |
| 81 | 7-26 | | 19",5 G |

### 25427 P. — 35889 et 92 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | 19h 2m | 64°12' |
| 58 | 9-10 | | 23",3 G |
| | III. | 19h 2m | 64°10' |
| 79 | 9- 7 | 55s,47 J | 60",4 J |
| | 9- 8 | 55,43 J | 61,5 J |
| 81 | 7-13 | 55,73 J | 59,9 J |
| | 7-16 | | 61,1 J |

### 25428 P. — 35924 à 26 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | 19h 2m | 55°49' |
| 66 | 7- 7[1] | 25s,95 G | |
| | III. | 19h 2m | 55°48' |
| 68 | 7-25 | | 8",5 G |
| 80 | 8-30 | 58s,74 J | 9,0 J |
| 81 | 7-13 | 58,92 M | 8,7 M |
| | 8-14 | 58,94 J | 9,0 J |
| | 8-17 | 58,99 J | 9,8 J |

[1] Æ augmentée de 1h : erreur de réduct.

### 25429 P. — 31 W₂.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | III. | 19h 2m | 64°9' |
| 81 | 7-16 | | 58",0 J |

### 25430 P. — 35907 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | 19h 2m | 60°25' |
| 59 | 7-26 | 25s,79 G | |
| | III. | 19h 3m | 60°23' |
| 80 | 8-20 | 1s,01 M | 42",8 M |

### 25431 P. — 35880 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | 19h 2m | 73°21' |
| 57 | 5- 7 | 24s,18 G | |
| | 6- 6 | | 51",2 G |
| | 8-21 | 24,16 G | |
| 59 | 8-28 | 24,39 G | |
| | III. | 19h 3m | 73°20' |
| 71 | 8-10 | 4s,50 G | |
| 75 | 7-15 | 4,55 M | 32",5 M |
| | 8- 7 | 4,52 M | 32,7 M |

### 25432 P. — 35870 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | 19h 2m | 78°55' |
| 58 | 7-26 | 23s,23 G | 34",0 G |
| 67 | 8-19 | 23,24 M | 34,0 M |
| | 8-22 | 23,43 M | 33,6 M |

### 25433 P. — 35903 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | III. | 19h 3m | 64°49' |
| 70 | 7-29[1] | 7s,87 G | |
| 74 | 7-18 | 7,83 M | 8",3 M |
| 75 | 7-19 | 7,86 G | 8,1 G |
| | 8-11 | 7,89 G | 9,2 G |

[1] Æ diminuée de 0s,02 : err. de réduct.

### 25434 P. — 37 W₂.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | 19h 2m | 64°17' |
| 60 | 6-29 | 33s,78 G | |

### 25435 P. — 36206 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | I. | 19h 4m | 13°10' |
| 46 | 7-17[1] | 25s,13 G | |
| | 9- 2 | | 28",8 G |
| 48 | 10-15 | 23,92 G | |
| 50 | 7-22 | | 27,6 G |
| | 7-29 | 23,58 G | |
| 53 | 1-22 I | 23,50 G | |
| | 1-24 I | 23,81 G | |
| | 3-19 I | 23,98 G | |
| | 7-15 | 23,85 G | |
| | 7-19 | 23,71 G | |
| | 7-20 | 24,07 G | |
| | 7-21 | 24,27 G | |
| | 10-22 I | 23,68 G | |
| | II. | 19h 3m | 13°9' |
| 54 | 1-22 I | 47s,78 G | |

[1] Æ dim. de 2m : err. de transcription.

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜. 𝒫.)

### 25436 P. — 35861 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h 2m | 93°53′ |
| 57 | 7-10 | | 55″,8 G |
| 60 | 8-16 | 26s,30 G | 57,2 F |
| | III. | 19h 3m | 93°52′ |
| 76 | 7-26 | 13s,31 G | 40″,7 G |
| | 8-11 | 13,44 G | 37,1 G |
| | 8-12 | 13,41 G | 38,1 G |

### 25437 P. — 35917 à 19 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 19h 3m | 63°6′ |
| 81 | 8- 5 | 13s,55 J | 9″,1 J |
| | 8- 8 | 13,50 J | 8,4 J |

### 25438 P. — 35942 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 19h 2m | 49°11′ |
| 40 | 9-10 | 15s,09 G | |
| | 9-12 | 15,06 G | |

### 25439 P. — 35871 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 19h 1m | 84°9′ |
| 48 | 10- 3 | 45s,52 G | |
| 49 | 7-13 | 45,55 G | |
| | II. | 19h 2m | 84°7′ |
| 57 | 8-20 | 29s,53 G | |
| 58 | 7-13 | 29,66 G | |
| | 9- 6 | 29,60 G | 44″,0 G |
| | III. | 19h 3m | 84°6′ |
| 71 | 8- 5 | 13s,77 M | |

### 25440 P. — 48 W$_2$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 19h 2m | 59°36′ |
| 39 | 8-24 | | 47″,1 F |
| 40 | 7-16 | 5s,90 G | 46,5 F |
| | 7-17 | 5,98 G | 43,8 F |
| | 8- 1 | 5,82 G | 48,0 F |
| | 8- 2 | 5,88 G | |
| | 8- 3 | 5,74 G | |
| | III. | 19h 3m | 59°34′ |
| 80 | 7-15 | 15s,24 M | 2″,9 M |

### 25441 P. — 35858 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h 2m | 99°22′ |
| 57 | 8-11 | 26s,72 G | |

### 25441 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 19h 3m | 99°21′ |
| 74 | 7-21 | 16s,01 G | 18″,9 G |
| 75 | 8-16 | 15,92 M | 20,8 M |
| 76 | 7-22 | 16,12 M | 21,4 M |

### 25442 P. — 35891 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h 2m | 75°26′ |
| 58 | 7-12 | 36s,34 G | 32″,1 G |
| | 7-25 | 36,19 G | 31,7 G |

### 25443 P. — 35863 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h 2m | 97°29′ |
| 56 | 8- 1 | 29s,48 G | |
| 57 | 7-24 | 29,34 G | |
| | 8-17 | 29,43 G | |
| 61 | 8-27[1] | 29,64 G | 50″,9 G |
| | III. | 19h 3m | 97°28′ |
| 74 | 7-15 | 18s,07 G | 29″,6 G |
| | 7-18 | 18,13 G | 29,6 G |
| | 7-20 | 17,98 G | 30,1 G |

[1] 𝒜 diminuée de 0s,22 : erreur de réduct.

### 25444 P. — 35893 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h 2m | 78°21′ |
| 57 | 8-13 | 40s,21 G | 10″,9 G |
| 59 | 8-29 | 40,21 G | 11,8 G |
| | III. | 19h 3m | 78°19′ |
| 71 | 8- 9 | 22s,24 G | 51″,6 G |

### 25445 P. — 35843 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h 2m | 114°24′ |
| 59 | 9- 5 | | 30″,5 G |
| | III. | 19h 3m | 114°23′ |
| 79 | 8-10 | 23s,21 J | 9″,8 J |
| | 8-22 | 23,45 J | 9,1 J |

### 25446 P. — 19188-89 A. O.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h 2m | 119°43′ |
| 58 | 8-19 | | 32″,2 G |

### 25447 P. — 35928-29 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h 2m | 66°2′ |
| 58 | 7-17 | 47s,50 G | 27″,5 G |
| | 8- 6 | 47,56 G | |

### 25447 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 19h 3m | 66°1′ |
| 70 | 7-20 | 25s,07 G | |
| 71 | 8-29 | 25,14 M | 8″,1 M |
| 75 | 8-20 | 25,06 M | 6,7 M |
| 76 | 8- 9 | 24,81 M | 7,5 M |

### 25448 P. — 35872 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h 2m | 90°39′ |
| 55 | 8- 9 | 39s,52 G | 0″,0 G |
| 59 | 9-20 | 39,59 G | |
| | III. | 19h 3m | 90°37′ |
| 77 | 8-13 | 25s,76 M | 39″,9 M |
| 78 | 7-18 | 25,86 G | 38,6 G |
| | 7-23 | 25,90 G | 38,2 G |
| | 7-28 | 25,85 G | 37,5 G |
| | 7-30 | 25,87 G | |

### 25449 P. — 35894 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h 2m | 79°58′ |
| 59 | 8-23 | 43s,63 G | |
| 60 | 8-17 | | 49″,2 F |
| | III. | 19h 3m | 79°57′ |
| 79 | 6-26 | 26s,53 G | |
| | 8-16 | 26,45 G | 27″,2 G |

### 25450 P. — 35959 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h 2m | 46°54′ |
| 66 | 8-23 | 58s,33 G | |
| | III. | 19h 3m | 46°52′ |
| 80 | 8- 9 | 26s,54 G | 55″,4 G |

### 25451 P. — 35897 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h 2m | 78°35′ |
| 56 | 8-13 | 44s,64 G | 37″,8 G |
| | III. | 19h 3m | 78°34′ |
| 71 | 8-13 | 27s,00 G | 17″,1 G |
| | 9- 3 | 26,67 G | 15,4 G |

### 25452 P. — 35920 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 19h 3m | 69°49′ |
| 71 | 8-26 | 28s,55 M | 35″,1 M |
| | 8-26 | 28,12 G | |
| 76 | 7-15 | 28,54 M | 35,1 M |

### 25453 P. — 35982 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 19h 3m | 41°16′ |
| 81 | 7-17 | | 8″,2 G |
| | 8- 8 | 30s,74 G | 8,2 G |

### 25454 P. — 35876 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 19h 3m | 90°45′ |
| 78 | 7-30 | | 42″,0 G |
| 79 | 7-17 | 31s,13 M | 43,9 M |

### 25455 P. — 35910 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 19h 2m | 79°7′ |
| 41 | 8-14 | 16s,12 G | |
| | 8-18 | 16,09 G | |
| | II. | 19h 2m | 79°6′ |
| 56 | 6-25 | | 25″,6 G |
| | 8-14 | 58s,40 G | |
| | 8-15 | 58,35 G | |
| 57 | 7-15 | | 23,7 G |
| | 9-13[1] | 58,17 G | |
| | III. | 19h 3m | 79°5′ |
| 71 | 9-12 | 40s,94 G | |

[1] 𝒜 augmentée de 0s,20 : erreur de moy

### 25456 P. — 35887 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h 2m | 91°17′ |
| 59 | 8- 6 | 54s,55 G | 41″,3 G |
| | III. | 19h 3m | 91°16′ |
| 79 | 8-11 | 41s,20 M | 19″,4 M |

### 25457 P. — 35984 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 19h 3m | 44°6′ |
| 80 | 8- 3 | 43s,04 G | 40″,4 G |
| 81 | 7-28 | 42,76 G | 40,1 G |

### 25458 P. — 19199-200 A.O.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 19h 2m | 105°19′ |
| 41 | 9-11 | 0s,99 G | |
| | 9-19 | 1,06 G | |

### 25459 P. — 18997 Mn$_1$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 19h 3m | 79°7′ |
| 71 | 9- 6 | 44s,52 G | |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (AR, D)

**25460 P. — 35948 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | II. | 19h 3m | 58° 9′ |
| 66 | 7-25 | 11s,22 G | 32″,8 G |
| | III. | 19h 3m | 58° 8′ |
| 81 | 7-17 | 45s,79 J | 10″,2 J |
| | 7-19 | 45,63 J | 10,8 J |

**25461 P. — 35987 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | III. | 19h 3m | 44° 16′ |
| 81 | 7-21 | 47s,37 G | |

**25462 P. — 3708 A + 15°.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | II. | 19h 3m | 74° 6′ |
| 58 | 9-27 | 6s,81 G | |

**25463 P. — 19008 Mn1.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | I. | 19h 2m | 98° 4′ |
| 43 | 8-11[1] | 11s,06 G | |

[1] AR diminuée de 10s : erreur de moy.

**25464 P. — 19006 Mn1.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | II. | 19h 3m | 76° 26′ |
| 61 | 7-15 | 9s,07 G | 14″,9 G |
| | 8- 9 | 9,09 G | |

**25465 P. — 35878 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | II. | 19h 3m | 102° 21′ |
| 54 | 9-20 | 1s,53 G | |
| | 9-21 | | 59″,6 G |
| | III. | 19h 3m | 102° 20′ |
| 78 | 8-31 | 51s,85 M | 38″,8 M |
| | 9- 3 | 51,80 M | 39,9 M |

**25466 P. — 35906 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | II. | 19h 3m | 87° 51′ |
| 56 | 7-14 | 6s,57 G | |
| 57 | 8-22 | 6,82 G | 56″,6 G |
| | III. | 19h 3m | 87° 50′ |
| 71 | 8-11 | 52s,06 M | 34″,0 M |

**25467 P. — 35874-75 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | II. | 19h 3m | 106° 8′ |
| 54 | 9- 6 | 3s,51 G | |
| | 9- 9 | 3,78 G | |
| 57 | 8-29 | | 41″,9 G |
| | III. | 19h 3m | 106° 7′ |
| 78 | 8- 9 | 55s,27 G | 21″,3 G |

**25468 P. — 35973-74 et 36027 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | I. | 19h 2m | 51° 5′ |
| 40 | 9-29 | 57s,92 G | |
| | 9-30 | 57,86 G | |
| | II. | 19h 3m | 51° 3′ |
| 66 | 7-11[1] | 28s,41 G | 57″,6 G |
| 67 | 8-19[2] | 28,49 G | 57,3 G |
| | 9- 6 | 28,43 G | 57,9 G |
| | III. | 19h 3m | 51° 2′ |
| 81 | 8- 2 | 59s,05 J | 35″,0 J |
| | 8-28 | 59,01 J | 35,4 J |

[1] AR augm. de 1m : erreur de transcription. Indiquée à tort comme 35926 L. (dist. des fils).
[2] D diminuée de 1′.

**25469 P. — 35957 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | I. | 19h 2m | 59° 56′ |
| 37 | 6-25 | 51s,27 G | 34″,3 F |
| | 6-26 | 51,10 G | |
| 39 | 8-21 | | 37,9 F |
| | II. | 19h 3m | 59° 55′ |
| 57 | 7-14 | 25s,43 G | |
| 58 | 9-14 | 25,94 G | 14″,1 G |
| | III. | 19h 4m | 59° 53′ |
| 79 | 8-11 | 0s,80 G | 51″,8 G |
| 80 | 7-27 | 0,87 M | 50,6 M |

**25470 P. — 35985-86 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | III. | 19h 4m | 48° 28′ |
| 80 | 8-23 | 0s,95 G | 16″,3 G |
| 81 | 7-19 | 0,85 G | 15,9 G |

**25471 P. — 35950 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | II. | 19h 3m | 67° 14′ |
| 59 | 9- 1 | 24s,49 G | |

**25471 P. (suite).**

| A. | M. J. | AR | D |
|---|---|---|---|
| | III. | 19h 4m | 67° 12′ |
| 70 | 7-19 | 2s,60 G | 37″,7 G |
| | 7-23 | 2,71 G | 38,7 G |
| 73 | 8- 4 | 2,45 G | |

**25472 P. — 36020 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | III. | 19h 4m | 38° 32′ |
| 81 | 8- 6 | 3s,60 G | 19″,3 G |

**25473 P. — 35927 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | III. | 19h 4m | 90° 53′ |
| 76 | 8-17 | 8s,15 G | 48″,2 G |
| 79 | 8-16[1] | 8,20 J | 48,7 J |
| | 8-17 | 8,09 J | 48,4 J |

[1] D augmentée de 5″ : erreur de transcr.

**25474 P. — 35896 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | II. | 19h 3m | 104° 16′ |
| 55 | 6-24 | 17s,82 G | |
| 58 | 6-12 | | 14″,0 G |
| | III. | 19h 4m | 104° 14′ |
| 79 | 8-25 | 8s,71 J | 50″,7 J |
| | 9- 4 | 9,04 J | 51,4 J |
| 80 | 7-10 | 9,00 M | 49,6 M |

**25475 P. — 6563 Albany.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | II. | 19h 3m | 86° 56′ |
| 58 | 7- 2 | 24s,01 G | 31″,9 G |

**25476 P. — 35895 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | II. | 19h 3m | 105° 33′ |
| 55 | 7- 7 | 18s,51 G | |
| | III. | 19h 4m | 105° 32′ |
| 78 | 9- 7 | 9s,97 M | 30″,6 M |
| 79 | 8-12 | 9,99 M | 31,3 M |

**25477 P. — 36004 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | III. | 19h 4m | 46° 13′ |
| 80 | 8- 6[1] | 9s,99 G | 51″,7 G |
| | 9- 2 | 10,08 G | 50,4 G |
| | 9- 5 | 10,21 G | 51,6 G |

[1] D augmentée de 5′.

**25478 P. — 35960 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | II. | 19h 3m | 63° 17′ |
| 59 | 8-22 | 34s,01 G | 14″,2 G |
| | III. | 19h 4m | 63° 15′ |
| 70 | 7-22 | 10s,37 G | 52″,0 G |
| 73 | 7-18 | 10,26 G | 50,7 G |

**25479 P. — 36012 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | II. | 19h 3m | 43° 11′ |
| 67 | 9- 6 | 45s,34 M | 6″,5 M |
| | III. | 19h 4m | 43° 9′ |
| 80 | 7-19 | 11s,00 M | 42″,8 M |

**25480 P. — 35977 à 79 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | III. | 19h 4m | 55° 26′ |
| 68 | 7-31 | 11s,56 G | |
| | 8- 4 | 11,69 G | 20″,5 G |
| 75 | 7-28 | 11,96 G | 19,1 G |
| | 7-29 | 11,67 G | 17,8 G |
| | 8- 9 | 11,77 M | 18,2 M |
| 76 | 7-21 | 11,79 M | 18,1 M |

**25481 P. — 35922 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | II. | 19h 3m | 96° 50′ |
| 57 | 8-24 | 26s,52 G | 47″,7 G |
| 60 | 7-13 | 26,56 G | 44,9 G |
| 64 | 7-16 | 26,52 M | 47,2 M |
| | III. | 19h 4m | 96° 49′ |
| 74 | 8-25 | 14s,94 G | 25″,4 G |

**25482 P. — 35921 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | II. | 19h 3m | 97° 39′ |
| 55 | 8-25 | 27s,46 G | |
| | 8-30 | | 2″,6 G |
| | III. | 19h 4m | 97° 37′ |
| 74 | 7-14 | 16s,25 G | 42″,9 G |
| | 7-27 | 16,22 G | |
| | 8-21 | 16,15 G | 43,9 G |

**25483 P. — 9638 Cambridge.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | II. | 19h 3m | 63° 52′ |
| 59 | 7-16 | 41s,17 G | |

Dates 1800+ — Positions moyennes pour les époques du Catal.

**25484 P. — 35936 L.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| | | I. 19h 2m | 86°47' |
| 40 | 7-29¹ | 48s,27 G | |
| | | II. 19h 3m | 86°46' |
| 56 | 6-30 | | 14",6 G |
| 58 | 6- 7 | 33s,14 G | |
| 59 | 8-24 | 33,34 G | |
| 60 | 8-10 | 33,36 G | |
| | | III. 19h 4m | 86°44' |
| 72 | 7-16 | 18s,31 G | |
| | 7-20 | 18,12 M | 53",4 M |

¹ Æ augmentée de 1m : err. de transcr.

**25485 P. — 36009 L.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| | | III. 19h 4m | 46°9' |
| 81 | 9-13 | 18s,70 G | 39",7 G |

**25486 P. — 19036 Mn1.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| | | I. 19h 2m | 76°24' |
| 43 | 8-28 | 56s,47 G | |
| | | II. 19h 3m | 76°23' |
| 61 | 8-14 | 38s,08 G | |

**25487 P. — 36002 L.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| | | III. 19h 4m | 51°41' |
| 81 | 7- 3 | 20s,99 J | 26",2 J |

**25488 P. — 19043 Mn1.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| | | I. 19h 2m | 98°5' |
| 48 | 7-12 | 50s,88 G | |

**25489 P. — 35998 à 36000 L.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| | | III. 19h 4m | 55°36' |
| 68 | 7-31 | | 22",1 G |

**25490 P. — 36031-32 L.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| | | III. 19h 4m | 40°42' |
| 80 | 7-29 | 29s,07 G | 48",3 G |
| 81 | 8- 5 | 29,42 G | 49,1 G |

**25491 P. — 35937-38 L.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| | | III. 19h 4m | 94°19' |
| 76 | 8- 5 | 32s,29 G | 56",8 G |
| | 8- 9 | 32,14 G | 56,2 G |
| | 8-10 | 32,22 G | 57,2 G |

**25492 P. — 35989 L.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| | | I. 19h 3m | 59°40' |
| 39 | 8-21¹ | 23s,37 G | |
| 40 | 7-17 | 23,50 G | 49",3 F |
| | 8- 1 | 23,55 G | 51,9 F |
| | 8- 2 | 23,66 G | |
| | 8- 3 | 23,49 G | |
| | 8-17 | 23,49 G | |
| 46 | 6-14 | | 49,4 G |
| | | II. 19h 3m | 59°39' |
| 59 | 9- 8 | 58s,16 G | |
| | | III. 19h 4m | 59°38' |
| 79 | 8- 9 | 32s,99 G | 2",2 G |
| 80 | 7-29 | 33,15 M | 2,3 M |

¹ Erreur de 7° dans la déclin. inscrite au volume (dist. des fils).

**25493 P. — 35943 L.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| | | II. 19h 3m | 86°41' |
| 56 | 7- 3 | 48s,76 G | |
| 58 | 6- 7 | 48,81 G | |
| 60 | 8-10 | 48,44 G | 40",8 G |
| 63 | 7-29 | 48,69 M | 40,6 M |

**25494 P. — 48 W1.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| | | I. 19h 2m | 100°16' |
| 41 | 8-19 | 54s,63 G | |

**25495 P. — 35981 L.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| | | III. 19h 4m | 66°4' |
| 70 | 7-18 | 37s,46 G | 27",4 G |
| | 8- 6 | 37,48 G | 28,5 G |
| 73 | 8- 1 | 37,31 G | |
| 74 | 7-27 | 37,28 M | 28,3 M |

**25496 P. — 35956 L.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| | | II. 19h 3m | 80°3' |
| 58 | 9-12 | 56s,28 G | |
| | | II. 19h 4m | 80°2' |
| 71 | 8-10 | 38s,99 M | 32",3 M |
| 73 | 7-24 | 39,11 M | 33,4 M |
| 74 | 8- 6 | 39,09 M | 32,0 M |

**25497 P. — 35945 L.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| | | II. 19h 3m | 92°51' |
| 58 | 9- 8 | 52s,21 G | 39",5 G |
| | | III. 19h 4m | 92°50' |
| 68 | 8- 7 | 39s,05 M | 17",6 M |
| 76 | 8- 1 | 39,07 G | 19,3 G |
| | 8- 4 | 39,18 G | 19,1 G |
| | 8-16 | 39,15 G | 19,3 G |

**25498 P. — 35949 et 51 L.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| | | II. 19h 3m | 86°59' |
| 57 | 8- 7 | 55s,81 G | 1",1 G |
| 58 | 7- 2 | 55,81 G | |
| 60 | 7-21 | 55,78 G | 1,4 G |

**25499 P. — 36019 L.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| | | III. 19h 4m | 51°17' |
| 80 | 8-31 | 46s,08 J | 57",4 J |

**25500 P. — 35939 L.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| | | II. 19h 3m | 102°54' |
| 54 | 9-19 | 56s,54 G | |
| 67 | 7-19 | 56,56 M | 8",0 M |
| | | III. 19h 4m | 102°52' |
| 78 | 9- 2 | 47s,31 M | 47",1 M |
| | 9- 6 | 47,00 M | |

**25501 P. — 35934 L.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| | | I. 19h 3m | 104°50' |
| 39 | 7-28 | 6s,07 G | 6",6 F |
| | 7-30 | 6,08 G | 6,2 F |
| | 7-31 | 6,09 G | |
| | 8- 1 | 6,24 G | |
| 43 | 8-14 | 5,93 G | |
| | | II. 19h 3m | 104°48' |
| 54 | 8-31 | 57s,26 G | |
| 58 | 7-11 | | 47",0 G |
| 59 | 8-16 | 57,41 G | 41,2 G |
| | 9-10 | 57,20 G | |
| | | III. 19h 4m | 104°47' |
| 70 | 7-14 | 48s,46 M | 21",1 M |
| 78 | 8- 6 | 48,53 G | 21,7 G |

**25502 P. — 35993-94 L.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| | | II. 19h 4m | 66°17' |
| 58 | 8- 8 | | 38",7 G |

**25502 P.** (suite).

| A. | M. J. | Æ | P |
|---|---|---|---|
| | | III. 19h 4m | 66°16' |
| 79 | 7-17 | 51s,33 G | |
| | 8-12 | 51,61 G | 16",4 G |

**25503 P. — 3498 A — 29'.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| | | II. 19h 4m | 60°21' |
| 59 | 7-26 | 16s,69 G | |

**25504 P. — 35972 L.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| | | II. 19h 4m | 79°52' |
| 57 | 6- 2 | | 47",1 G |
| 58 | 6- 3 | | 47,8 G |
| | 9-11 | 11s,80 G | 47,8 G |
| | 9-12 | | 47,6 G |
| 59 | 8-23¹ | 11,79 G | 48,6 G |
| | | III. 19h 4m | 79°51' |
| 71 | 8-19 | 54s,47 G | |
| | 8-27 | 54,52 G | 23",1 G |
| | 9- 5 | 54,49 G | |

¹ Erreur dans la déclinaison approchée inscrite à l'observation d'Æ. Le cahier-minute porte ★ $h = 51°18'$ et l'étoile est d'ailleurs observée en même temps que 35894 L.

**25505 P. — 35968 L.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| | | II. 19h 4m | 85°2' |
| 56 | 7-29 | | 49",1 G |
| 60 | 8- 4 | | 49,7 G |
| | | III. 19h 4m | 85°1' |
| 73 | 7-28 | 55s,28 M | 24",3 M |
| 74 | 7-31¹ | 55,48 M | 23,6 M |
| | 8-20 | 55,39 G | 25,6 G |

¹ P diminuée de 1'.

**25506 P. — 35971 L.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| | | II. 19h 4m | 82°6' |
| 58 | 7- 1 | | 14",9 G |
| | 7-19 | 12s,31 G | 14,5 G |
| 59 | 7- 3 | 12,27 G | |

**25507 P. — 35969 L.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| | | II. 19h 4m | 84°57' |
| 55 | 10-19 | 12s,19 G | |
| 56 | 7- 2 | 12,24 G | |
| 57 | 5-27 | | 7",5 G |
| 58 | 9- 5 | 12,17 G | |
| 59 | 6-14 | 12,15 G | |
| 60 | 8- 4 | 12,23 G | 7,9 G |
| 63 | 7-15 | 12,24 M | 7,6 M |
| | 8-10 | 12,15 M | 7,1 M |
| | 8-11 | 12,17 M | 8,5 M |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜, 𝒟)

#### 25508 P. — 35940-41 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h 4m | 106°39' |
| 54 9- 5 | 6s,28 G | |
| 55 6-30 | 6,45 G | |
| 58 9- 9 | 6,27 G | 26",0 G |
| III. | 19h 4m | 106°38' |
| 79 8-16 | 58s,21 M | 2",1 M |

#### 25509 P. — 4 Piazzi.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | 19h 3m | 111°54' |
| 39 7-16 | 12s,21 G | |
| 8-24 | 12,12 G | |
| 9- 4 | 12,28 G | |
| 40 8- 8 | 12,03 G | |
| 41 8-24 | 12,04 G | |
| II. | 19h 4m | 111°53' |
| 58 9-17 | 5s,92 G | |

#### 25510 P. — 35931 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h 4m | 115°53' |
| 59 8-31 | 6s,38 G | |

#### 25511 P. — 35958 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h 4m | 94°6' |
| 57 8- 2 | 18s,41 G | 19",1 G |
| 61 8- 1[1] | 18,43 G | |
| III. | 19h 5m | 94°4' |
| 77 7-11 | 5s,71 G | |
| 78 7-29 | | 53",6 G |

[1] 35963 L au t. XVII : le cahier de l'observateur porte bien 35958 L.

#### 25512 P. — 35963 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h 4m | 93°17' |
| 55 8-10 | 19s,50 G | |
| 58 7-30 | 19,68 G | 35",1 G |
| III. | 19h 5m | 93°16' |
| 72 7-16 | 6s,49 M | 11",2 M |
| 76 7-19 | 6,43 G | 11,4 G |
| 7-20 | 6,59 G | |
| 7-22 | | 12,2 G |
| 7-29 | 6,47 G | 9,6 G |

#### 25513 P. — 19091 Mn1.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | 19h 3m | 112°26' |
| 45 7-23 | 19s,27 G | |
| 7-24 | 19,15 G | |
| 8- 2 | 19,26 G | |
| 8- 4[1] | 19,18 G | |

[1] 𝒜 diminuée de 1m.

#### 25514 P. — 35935 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | 19h 3m | 114°44' |
| 41 7-18 | 18s,20 G | |
| II. | 19h 4m | 114°42' |
| 58 8- 4 | 12s,95 G | 57",7 G |
| III. | 19h 5m | 114°41' |
| 79 7-29 | 8s,08 J | 35",7 J |
| 8- 2 | 8,03 J | 35,4 J |

#### 25515 P. — 36040 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | 19h 5m | 51°29' |
| 74 7-15 | 9s,89 M | 18",1 M |
| 79 7-29 | 9,71 G | 19,3 G |

#### 25516 P. — 74 W1.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | 19h 3m | 81°45' |
| 40 7-15 | 46s,33 G | 5",0 G |

#### 25517 P. — 36010 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | 19h 5m | 67°28' |
| 70 7-29 | 13s,73 G | 32",9 G |
| 75 8-11 | 13,61 M | 33,8 M |
| 76 8- 4 | 13,57 M | 32,8 M |
| 8- 7 | 13,72 M | 33,6 M |
| 8- 8 | 13,69 M | 34,6 M |

#### 25518 P. — 232 Cordoba.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h 4m | 121°9' |
| 58 8-19 | 16s,25 G | |

#### 25519 P. — 2776 Gr.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | 19h 4m | 39°59' |
| 40 9-10 | 32s,45 G | |
| 9-12 | 32,46 G | |

#### 25520 P. — 35966 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II | 19h 4m | 100°37' |
| 54 8-25 | 30s,09 G | |
| 60 9-12 | 30,05 G | 36",8 G |
| III. | 19h 5m | 100°36' |
| 81 8- 4 | 19s,87 M | 9",3 M |

#### 25521 P. — 36071 à 73 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | 19h 4m | 39°53' |
| 40 9-10 | 35s,52 G | |
| 9-12 | 35,46 G | |
| III. | 19h 5m | 39°50' |
| 81 7-17 | 21s,81 G | 12",6 G |
| 7-18 | 21,58 G | 13,5 G |

#### 25522 P. — 36015 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h 4m | 69°2' |
| 59 6-13 | 43s,69 G | 15",9 G |
| III. | 19h 5m | 69°0' |
| 70 7-15 | 22s,27 G | 53",0 G |
| 7-20 | 22,23 G | 52,4 G |
| 8- 1 | 22,32 G | 52,6 G |

#### 25523 P. — 35944 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h 4m | 113°1' |
| 55 8-16 | 28s,35 G | 47",3 G |

#### 25524 P. — 36001 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h 4m | 82°14' |
| 59 7- 5 | 40s,16 G | 57",7 G |
| 63 8- 8 | 39,93 M | 59,7 M |

#### 25525 P. — 35955 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h 4m | 109°27' |
| 54 9- 4 | 32s,01 G | |
| 59 7-23 | 32,22 G | |
| III. | 19h 5m | 109°26' |
| 68 7-18 | 24s,90 M | 15",3 M |
| 70 8-18 | 24,76 M | 16,0 M |

#### 25526 P. — 36051 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | 19h 4m | 52°27' |
| 40 8- 4 | 22s,87 G | 12",9 F |
| 8- 5 | 22,95 G | |
| III. | 19h 5m | 52°24' |
| 81 7-21 | 25s,51 J | 24",1 J |

#### 25527 P. — 36018 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h 4m | 68°57' |
| 59 6-13 | 46s,69 G | |
| III. | 19h 5m | 68°55' |
| 74 8-13 | 25s,71 M | 53",1 M |
| 76 7-20 | 25,42 M | 51,9 M |
| 7-29 | 25,49 M | 51,6 M |
| 8-12 | 25,55 M | 50,8 M |

#### 25528 P. — 36038 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | 19h 5m | 58°9' |
| 80 9- 2 | 26s,17 J | 23",9 J |
| 81 7-28[1] | 26,38 J | 23,1 J |
| 8- 6 | 26,13 J | 23,5 J |

[1] 𝒜 diminuée de 0s,16 : erreur de moy.

#### 25529 P. — 36045 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h 4m | 54°33' |
| 66 7-12 | 53s,99 G | 52",6 G |
| III. | 19h 5m | 54°32' |
| 81 7-11 | 26s,27 J | 29",3 J |
| 8-22 | 26,74 J | 29,2 J |

#### 25530 P. — 36025-26 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | 19h 5m | 66°21' |
| 74 7-18 | 28s,28 M | 8",9 M |
| 7-20 | 28,27 M | 9,1 M |

#### 25531 P. — 79 W1.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h 4m | 83°44' |
| 57 9-22 | 45s,92 G | |

#### 25532 P. — 36091 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | 19h 5m | 37°46' |
| 80 8-11 | | 20",5 G |
| 81 7-12 | | 21,7 G |
| 9-15 | 30s,29 G | 23,9 G |

### 25533 P. — 36014 L.

| Dates 1800 + A. | M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|---|
| | II. | 19h4m | 74°26' |
| 56 | 7-24 | 50s,91 G | 21",4 G |
| 59 | 7-24 | 50,99 G | |
| | 7-28 | 51,06 G | |
| | III. | 19h5m | 74°24' |
| 71 | 7-5 | 31s,51 G | |
| | 8-28 | 31,82 G | |
| | 9-15 | 32,01 G | |

### 25534 P. — 35947 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | I. | 19h3m | 116°9' |
| 39 | 7-3 | 40s,67 G | |
| | 7-10 | 40,64 G | |
| 40 | 7-27 | 40,63 G | |
| | 8-14 | 40,70 G | |
| | II. | 19h4m | 116°8' |
| 55 | 7-12 | 36s,13 G | |
| | 7-19 | 36,26 G | |
| 60 | 7-25 | 36,32 G | 15",6 G |
| | 9-1 | 36,11 G | 15,8 G |
| | III. | 19h5m | 116°6' |
| 79 | 8-11 | 31s,70 J | 51",4 J |
| | 8-12 [1] | 31,61 J | 49,9 J |

[1] 𝒜 diminuée de 0s,50 : erreur de 1s sur les trois derniers fils.

### 25535 P. — 36007 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | II. | 19h4m | 84°51' |
| 56 | 8-31 | | 9",1 G |
| 57 | 7-18 | 55s,90 G | 8,9 G |
| | 7-19 | 55,88 G | |
| | 8-6 | 55,60 G | 9,9 G |
| 58 | 9-5 | 56,03 G | |
| | III. | 19h5m | 84°49' |
| 69 | 7-3 | 39s,99 M | 42",1 M |

### 25536 P. — 35970 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | I. | 19h3m | 109°44' |
| 40 | 8-9 | 57s,71 G | |
| | II. | 19h4m | 109°43' |
| 54 | 8-26 | 50s,76 G | |
| 59 | 7-17 | | 4",6 G |
| | III. | 19h5m | 109°41' |
| 80 | 9-5 [1] | 43s,63 M | 40",5 M |

[1] 𝒜 augmentée de 0s,25 : erreur de moy.

### 25537 P. — 35980 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | II. | 19h4m | 104°28' |
| 54 | 8-28 | 53s,91 G | |
| 57 | 9-5 | | 10",9 G |
| 67 | 7-24 | 54,07 M | 9,0 M |

### 25538 P. — 36017 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | III. | 19h5m | 80°15' |
| 74 | 7-29 | 45s,46 M | 12",4 M |
| | 7-30 | 45,59 M | 12,5 M |

### 25539 P. — 36059 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | III. | 19h5m | 54°36' |
| 80 | 8-30 | 45s,55 J | 36",6 J |
| | 9-1 | 45,78 J | 36,3 J |

### 25540 P. — 36008 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | II. | 19h5m | 87°36' |
| 56 | 6-30 | 0s,62 G | |
| 58 | 9-13 | | 22",7 G |
| 61 | 7-9 | 0,84 G | |
| 63 | 7-8 [1] | 1,00 M | 24,7 M |

[1] 𝒜 augmentée de 1m.

### 25541 P. — 36011 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | II. | 19h5m | 85°52' |
| 58 | 7-3 | 2s,11 G | 27",2 G |
| | 8-1 | 2,03 G | 27,5 G |

### 25542 P. — 36003 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | II. | 19h4m | 95°38' |
| 55 | 8-21 | | 33",3 G |
| 57 | 6-13 | 59s,86 G | |
| | III. | 19h5m | 95°37' |
| 68 | 8-4 | 47s,95 M | 10",5 M |
| 74 | 7-15 | 47,88 G | 10,0 G |
| | 7-18 | 47,84 G | 10,0 G |
| | 7-20 | 47,82 G | 9,4 G |

### 25543 P. — 36024 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | II. | 19h5m | 78°13' |
| 57 | 7-20 | | 46",1 G |
| 58 | 8-5 | 6s,50 G | 47,8 G |
| 59 | 7-10 | 6,30 G | |
| | 8-13 | 6,64 G | 49,0 G |

### 25543 P. (suite).

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | III. | 19h5m | 78°12' |
| 71 | 7-28 [1] | 48s,70 M | 24",7 M |
| | 8-12 | 48,81 G | |
| | 8-13 | 48,86 G | 22,8 G |
| | 8-16 | 48,79 G | |

[1] 𝒟 diminuée de 10'.

### 25544 P. — 36067 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | III. | 19h5m | 52°7' |
| 79 | 8-26 [1] | 52s,18 G | 13",5 G |
| 80 | 8-9 | 51,82 M | 15,0 M |
| | 8-10 | 52,17 M | 14,4 M |

[1] 𝒜 diminuée de 0s,40 : erreur de 1s sur deux fils.

### 25545 P. — 19140 $Mn_1$.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | I. | 19h4m | 75°26' |
| 44 | 9-10 | | 25",1 G |

### 25546 P. — 36053 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | I. | 19h4m | 98°11' |
| 37 | 6-19 | 15s,99 G | 34",1 F |
| | 6-21 | 16,09 G | |
| | 6-22 | 16,18 G | 35,6 F |
| | 6-23 | 16,09 G | |
| | 7-3 | 16,18 G | |
| | 7-4 | 16,17 G | |
| | 7-5 | 16,22 G | |
| | 7-7 | | 35,4 F |
| | 7-10 | 16,23 G | |
| | 7-24 | 16,19 G | 36,7 F |
| | 7-31 | 16,24 G | |
| | 8-7 | 16,03 G | |
| | 8-8 | 16,18 G | |
| | 8-11 | 16,33 G | 34,1 F |
| | 8-13 | 16,19 G | |
| | 8-25 | 16,18 G | 36,0 F |
| | 8-27 | 16,12 G | |
| | 9-20 | 16,18 G | 37,0 F |
| 38 | 8-13 | 16,14 G | 36,2 F |
| | 8-30 | 16,26 G | |
| | 8-31 | 16,13 G | 35,3 F |
| | 9-11 | 16,20 G | |
| | 10-9 | 16,15 G | |
| 41 | 7-16 | 16,18 G | |
| | 7-26 [1] | 15,60 G | |
| | 7-29 | 16,22 G | |
| | 8-5 | 16,18 G | |
| | 8-6 | 16,11 G | |
| | 8-9 | | 34,8 F |
| | 8-14 | | 35,5 F |
| | 8-19 | 16,15 G | |
| | 8-27 | 16,17 G | |
| | 8-30 | 16,07 G | |
| | 9-1 | 16,23 G | |
| | 9-11 | | 36,1 F |
| | 9-22 | 16,08 G | |
| 43 | 7-18 | 16,12 G | |
| | 8-8 | 16,13 G | 35,5 F |

### 25546 P. (suite).

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | I. | 19h4m | 98°11' |
| 46 | 6-28 | 16s,05 G | |
| | 7-7 | 16,11 G | |
| | 7-12 | | 36",3 F |
| | 8-12 | | 36,8 G |
| | 8-13 | 16,24 G | |
| | 8-14 | 16,15 G | |
| | 8-17 | 16,26 G | 36,8 G |
| | 8-18 | 16,15 G | |
| | 9-2 | 16,12 G | |
| | 9-3 | 16,08 G | |
| | 9-14 | 16,13 G | |
| 47 | 5-4 [2] | 16,16 G | |
| | 11-1 | | 36,7 G |
| 48 | 10-6 | 16,25 G | 36,3 G |
| 49 | 7-20 | 16,09 G | |
| | 8-31 | 16,25 G | |
| 50 | 9-2 | | 37,7 F |
| 52 | 10-9 | 16,31 G | |
| | 10-10 | 16,20 G | |
| | 10-14 | 16,09 G | |
| | 10-15 | 16,19 G | |
| | 10-16 | 16,13 G | |
| | 10-17 | 16,16 G | |
| | 10-19 | 16,17 G | |
| | 10-20 | 16,16 G | |
| | 10-22 | 16,12 G | |
| 53 | 4-26 | 16,30 G | |
| | 4-29 | 16,22 G | |
| | 5-5 | 16,15 G | |
| | 5-14 | 16,17 G | |
| | 9-25 | 16,02 G | |
| | II. | 19h5m | 98°10' |
| 54 | 8-20 | 5s,07 G | |
| 55 | 9-10 | | 10",5 G |
| 56 | 7-26 | | 11,2 G |
| 57 | 8-24 | 4,93 G | |
| 58 | 9-26 | | 12,0 G |
| 61 | 8-17 [3] | 5,13 G | |
| | III. | 19h5m | 98°8' |
| 74 | 7-14 | 53s,83 G | 46",9 G |
| | 7-21 | 53,60 G | 48,4 G |
| | 7-27 | 53,69 G | |
| | 8-21 | 53,89 G | 47,5 G |

[1] 𝒜 non comprise dans la moyenne.
[2] 𝒜 augmentée de 2s : erreur de moy.
[3] 𝒜 diminuée de 1m : erreur de transcr.

### 25547 P. — 36047-48 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | III. | 19h5m | 66°43' |
| 73 | 7-17 | 55s,25 G | 29",9 G |
| 76 | 8-1 | 55,36 M | 30,2 M |
| | 8-5 | 55,44 M | 31,0 M |

### 25548 P. — 3845 A + 12°.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | II. | 19h5m | 77°22' |
| 57 | 9-8 | 17s,16 G | |

Dates 1800+ — Positions moyennes pour les époques du Catal.

**25549 P. — 36063 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | I. | |
| | | 19h 4m | 58°36′ |
| 46 | 7-12 | 50s,08 G | 56″,0 G |
| | 7-20 | 50,31 G | |
| | 7-21 | 50,33 G | |
| | 7-22 | 50,35 G | |
| | 7-27 | 50,27 G | |
| | 7-28 | 50,38 G | |
| | 8-21 | 50,20 G | |
| | 9-16 | 50,20 G | |
| | 9-17 | 50,16 G | |
| | 9-18 | 50,30 G | |
| | 9-19 | 50,28 G | |
| | 9-22 | 50,34 G | |
| | 9-29 | 50,29 G | |
| 47 | 8-27 | 50,44 G | |
| | 8-28 | 50,30 G | |
| 48 | 7- 5 | 50,22 G | |
| | 7- 6 | 50,36 G | |
| | 7- 7 | 50,34 G | |
| | 8-24 | | 54,2 G |
| 49 | 7-16 | | 55,0 F |
| 50 | 5-29 | 50,23 G | |
| 52 | 8- 5 | 50,30 G | |
| | | II. | |
| | | 19h 5m | 58°35′ |
| 55 | 10-15 | 24s,56 G | |
| 59 | 8-10 [1] | 24,63 G | |
| | | III. | |
| | | 19h 5m | 58°34′ |
| 80 | 8-11 | 58s,98 M | 5″,4 M |
| 81 | 8- 5 | 59,06 M | 6,2 M |
| | 8- 6 | 58,93 M | 5,6 M |

[1] Æ diminuée de 1s : erreur de moy. et de 1s sur deux fils.

**25550 P. — 36050 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | III. | |
| | | 19h 5m | 67°17′ |
| 73 | 8- 4 | 59s,07 G | |
| 75 | 7-31 | 59,30 G | |
| | 8- 9 | 59,17 G | 30″,0 G |

**25551 P. — 3485 A + 31°.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | I. | |
| | | 19h 4m | 58°55′ |
| 37 | 6-25 [1] | 50s,46 G | |
| | | II. | |
| | | 19h 5m | 58°54′ |
| 63 | 6-21 | 24s,95 M | |
| 67 | 7-30 | | 23″,9 G |

[1] Erreur de 1° dans la décl. approchée inscrite au t. II (distance des fils).

**25552 P. — 95 W₁.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 19h 5m | 85°50′ |
| 58 | 7- 3 | 15s,33 G | |

**25553 P. — 131-32 W₂.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 19h 5m | 68°58′ |
| 59 | 6-13 | 21s,40 G | |
| | | III. | |
| | | 19h 6m | 68°56′ |
| 70 | 7-23 [1] | 0s,50 G | 40″,0 G |

[1] Indiquée à tort à l'obs. d'Æ comme se rapportant à 36050 L. La correction indiquée à l'errata du Vol. des observations de 1870 ne doit pas être appliquée.

**25554 P. — 99 W₁.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 19h 5m | 76°19′ |
| 61 | 8-14 | 21s,42 G | 11″,7 G |

**25555 P. — 2907 Carrington.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | I. | |
| | | 19h 12m | 4°35′ |
| 47 | 7-15 | 29s,76 G | 57″,1 F |
| | 7-16 | 30,66 G | 54,5 F |

**25556 P. — 36060-61 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | III. | |
| | | 19h 6m | 61°44′ |
| 70 | 7-19 | 5s,27 G | 9″,4 G |
| 75 | 7-20 | 5,36 G | 9,6 G |
| | 7-27 | 5,37 G | 7,9 G |
| 76 | 7-22 | 5,38 M | 9,4 M |
| | 8- 3 | 5,42 M | 9,8 M |
| | 8-10 | 5,35 M | 9,3 M |

**25557 P. — 35991 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 19h 5m | 109°5′ |
| 54 | 8-29 | 12s,69 G | |
| 60 | 8- 9 | 12,82 G | 13″,4 G |
| | | III. | |
| | | 19h 6m | 109°3′ |
| 79 | 7-28 | 5s,38 J | 48″,8 J |

**25558 P. — 142-43 W₂.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 19h 5m | 65°4′ |
| 58 | 9-16 | 30s,10 G | |

**25559 P. — 35988 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 19h 5m | 112°47′ |
| 62 | 9-12 | 13s,99 G | 53″,0 G |
| | | III. | |
| | | 19h 6m | 112°46′ |
| 79 | 8-10 | 8s,11 J | 30″,7 J |

**25560 P. — 36080 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 19h 5m | 51°39′ |
| 67 | 8-13 | 38s,78 G | 58″,5 G |
| | | III. | |
| | | 19h 6m | 51°38′ |
| 79 | 9- 7 | 9s,45 J | 32″,8 J |

**25561 P. — 36056 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | III. | |
| | | 19h 6m | 67°49′ |
| 73 | 7-18 | 10s,06 G | 19″,3 G |
| 75 | 8- 7 | 10,03 M | 21,0 M |
| 76 | 8-16 | 10,03 M | 21,8 M |
| | 8-17 | 9,96 M | 21,3 M |

**25562 P. — 36052 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 19h 5m | 72°20′ |
| 56 | 8-13 | 30s,60 G | 45″,9 G |
| | | III. | |
| | | 19h 6m | 72°19′ |
| 71 | 8-10 | 10s,47 G | 21″,0 G |

**25563 P. — 35983 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 19h 5m | 117°6′ |
| 55 | 7-21 | 15s,26 G | |
| 57 | 6-29 | 15,42 G | 21″,9 G |
| | | III. | |
| | | 19h 6m | 117°4′ |
| 79 | 8-22 | 11s,10 J | 57″,9 J |

**25564 P. — 104 W₁.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 19h 5m | 78°44′ |
| 63 | 8-12 | 30s,00 M | 36″,7 M |

**25565 P. — 36054 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | III. | |
| | | 19h 6m | 72°7′ |
| 80 | 7-27 | 14s,28 G | 1″,5 G |
| | 7-28 | 14,34 M | 3,7 M |
| | 8-23 | 14,22 M | 4,4 M |
| 81 | 7-11 | 14,22 M | 5,6 M |
| | 7-13 | 14,24 M | 4,8 M |

**25566 P. — 100 W₁.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 19h 5m | 85°51′ |
| 58 | 7-3 | 30s,27 G | |

**25567 P. — 36075 et 77 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 19h 5m | 56°54′ |
| 67 | 8-10 | 42s,44 G | 9″,3 G |
| | 8-12 | 42,62 G | 10,9 G |

**25568 P. — 91 W₁.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | I. | |
| | | 19h 4m | 102°32′ |
| 40 | 7-14 | 35s,50 G | |
| 41 | 9-19 | 35,21 G | |
| 44 | 7- 2 | 35,57 G | |
| | 7-27 | | 13″,7 G |
| | 8- 5 | | 14,7 G |

**25569 P. — 109 W₁.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | I. | |
| | | 19h 4m | 76°19′ |
| 43 | 8-26 | 54s,73 G | |
| | 8-27 | 54,70 G | |
| | 8-28 | 54,59 G | |
| | | II. | |
| | | 19h 5m | 76°18′ |
| 61 | 8-14 | 35s,98 G | 8″,7 G |

**25570 P. — 36049 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 19h 5m | 78°9′ |
| 59 | 8-13 | 36s,58 G | |
| | | III. | |
| | | 19h 6m | 78°8′ |
| 71 | 7-28 | 18s,49 G | |
| | 8- 1 | 18,45 G | |
| | 8- 7 | 18,80 G | 11″,2 G |
| | 8- 9 | 18,60 G | 10,6 G |

**25571 P. — 36013 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | I. | |
| | | 19h 4m | 104°42′ |
| 39 | 7-30 | 37s,64 G | 0″,8 F |
| | 7-31 | 37,68 G | |
| | 8- 1 | 37,73 G | |
| 43 | 8-14 | 37,56 G | |
| | | II. | |
| | | 19h 5m | 104°40′ |
| 54 | 9- 3 | 28s,72 G | |
| 57 | 8-29 | | 38″,4 G |
| | 9-27 | 28,67 G | 36,4 G |

**25572 P. — 36022 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | III. | |
| | | 19h 6m | 63°48′ |
| 81 | 7-29 | 19s,65 J | 32″,2 J |
| | 8- 5 | 19,59 J | 32,4 J |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (AR, D)

**25573 P. — 36131 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | III. | 19h 6m | 37° 36' |
| 81 | 7-16 | 19s,73 G | 44",7 G |
| | 8- 2 | 19,62 G | 44,0 G |

**25574 P. — 36120 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | II. | 19h 5m | 63° 23' |
| 58 | 8- 6 | 44s,00 G | |
| | III. | 19h 6m | 63° 22' |
| 81 | 7-13 | 20s,65 J | 6",2 J |
| | 8-14 | 20,32 J | 6,3 J |

**25575 P. — 3490 A + 31°.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | II. | 19h 5m | 58° 39' |
| 59 | 8-10[1] | 47s,62 G | |

[1] AR diminuée de 0s,40 : erreur de 1s sur deux fils. (*Voir* 25549 P).

**25576 P. — 36113 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | III. | 19h 6m | 45° 38' |
| 80 | 8- 1 | 24s,42 G | 39",4 G |
| | 8- 4 | 24,24 G | 38,6 G |

**25577 P. — 14979 T — 32°.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | I. | 19h 4m | 122° 40' |
| 48 | 6-16 | 27s,66 G | |

**25578 P. — 36028 et 30 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | II. | 19h 5m | 93° 46' |
| 56 | 8- 1 | 37s,28 G | 47",8 G |
| 57 | 7-11 | 37,31 G | 47,4 G |
| | 7-24 | 37,17 G | |
| 59 | 7-12 | 37,34 G | 47,8 G |
| | III. | 19h 6m | 93° 45' |
| 76 | 7-13 | 24s,57 G | 23",1 G |
| | 7-17 | 24,59 G | 22,7 G |
| | 8- 3 | 24,68 G | 23,3 G |

**25579 P. — 36029 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | II. | 19h 5m | 93° 39' |
| 64 | 8-16 | 37s,75 M | 4",6 M |
| | III. | 19h 6m | 93° 37' |
| 76 | 8- 7 | 25s,29 G | 38",8 G |
| | 8-11 | 25,06 G | 40,0 G |
| | 8-12 | 25,03 G | 39,9 G |

**25580 P. — 36070 et 127 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | II. | 19h 5m | 63° 29' |
| 58 | 8- 6 | 50s,04 G | 34",5 G |
| | 9-10 | | 35,1 G |
| | III. | 19h 6m | 63° 28' |
| 70 | 7-22 | 26s,47 G | 9",0 G |
| 71 | 8-29[1] | 26,53 M | 10,1 M |
| 81 | 7-10 | 26,66 J | 7,7 J |
| | 7-26 | 26,50 J | 9,9 J |

[1] AR diminuée de 0s,50 : erreur de 1s sur deux fils.

**25581 P. — 36023 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | II. | 19h 5m | 100° 28' |
| 54 | 9-11 | 36s,83 G | |
| 60 | 7-15 | 37,10 G | |
| 61 | 9- 5 | 37,03 G | 56",9 G |
| | III. | 19h 6m | 100° 27' |
| 79 | 7-17 | 26s,59 M | 30",4 M |

**25582 P. — 36046 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | II. | 19h 5m | 84° 56' |
| 56 | 7- 3 | 43s,49 G | |
| 57 | 7-28 | 43,35 G | 8",4 G |
| | 8-18 | 43,42 G | |
| 60 | 8- 4 | 43,31 G | |
| 63 | 7-15 | 43,37 M | 9,1 M |

**25583 P. — 36109-10 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | II. | 19h 6m | 47° 37' |
| 66 | 8-23 | 0s,18 G | |
| 67 | 8- 2 | 0,09 M | 36",4 M |
| | III. | 19h 6m | 47° 36' |
| 68 | 7-31 | 28s,74 M | 11",5 M |
| 80 | 8-23[1] | 28,47 J | 12,5 J |
| 81 | 7-26 | 28,60 G | 13,1 G |
| | 7-29 | 28,59 G | 12,3 G |
| | 8- 7 | 28,77 G | 12,1 G |

[1] AR augmentée de 1s : correction indiquée comme probable par l'observateur.

**25584 P. — 36033-34 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | II. | 19h 5m | 94° 13' |
| 55 | 8-13 | 43s,61 G | |
| 57 | 7-10 | | 8",7 G |
| | III. | 19h 6m | 94° 11' |
| 76 | 8-25 | 31s,08 G | 44",4 G |
| 78 | 7-18 | 31,17 G | 43,5 G |
| | 7-19 | 31,14 G | |
| | 7-23 | 31,09 G | 43,2 G |

**25585 P. — 36076 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | II. | 19h 5m | 63° 57' |
| 58 | 9-16 | 55s,03 G | |
| | III. | 19h 6m | 63° 55' |
| 73 | 8- 1 | 31s,95 G | |
| 75 | 7-15 | 31,88 M | 40",0 M |
| 81 | 8- 4 | 31,98 J | 39,6 J |

**25586 P. — 113 W1.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | II. | 19h 5m | 85° 9' |
| 57 | 8-21 | 47s,57 G | |

**25587 P. — 36112 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | III. | 19h 6m | 48° 10' |
| 80 | 8-10 | 33s,01 G | 56",5 G |
| | 8-20 | 32,96 G | 58,0 G |

**25588 P. — 36021 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | II. | 19h 5m | 106° 13' |
| 54 | 9-10 | 41s,58 G | |
| 59 | 7-11 | 41,47 G | 31",3 G |
| | III. | 19h 6m | 106° 12' |
| 79 | 8-11 | 33s,31 M | 5",9 M |

**25589 P. — 116 W1.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | I. | 19h 5m | 85° 30' |
| 40 | 7-29 | 5s,59 G | |

**25590 P. — 36107 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | I. | 19h 5m | 51° 4' |
| 40 | 9-29[1] | 34s,46 G | |
| | 9-30 | 34,52 G | |
| | II. | 19h 6m | 51° 3' |
| 66 | 7-25 | 5s,21 G | 31",2 G |
| | III. | 19h 6m | 51° 2' |
| 69 | 7-21 | 35s,65 M | 5",4 M |

[1] AR augmentée de 0s,16, suppression d'un fil erroné de 1s environ.

**25591 P. — 36068 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | II. | 19h 5m | 72° 11' |
| 58 | 9-25 | | 3",6 G |
| 59 | 8-28 | 58s,26 G | |

**25592 P. — 36090 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | I. | 19h 5m | 60° 21' |
| 41 | 7-15 | 28s,24 G | |
| | 7-16 | 28,06 G | 51",1 F |
| | II. | 19h 6m | 60° 20' |
| 59 | 7-26 | 3s,21 G | |
| | III. | 19h 6m | 60° 18' |
| 79 | 8-16 | 38s,42 G | 57",9 G |
| | 9- 2 | 38,42 J | 59,5 J |

**25593 P. — 36082 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | III. | 19h 6m | 63° 57' |
| 71 | 8-26 | 39s,24 M | 26",4 M |
| | 8-26[1] | 38,69 G | 28,2 G |
| 75 | 8-16 | 39,00 M | 27,1 M |

[1] AR non comprise dans la moyenne.

**25594 P. — 36043-44 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | III. | 19h 6m | 93° 39' |
| 69 | 7-30 | 39s,51 M | |
| 75 | 7-23 | 39,25 G | 60",2 G |
| | 7-26 | 39,39 G | |
| 76 | 8- 5 | 39,26 G | 60,4 G |
| | 8-17 | | 60,5 G |
| 78 | 7-28 | 39,08 G | 59,7 G |

**25595 P. — 3772 A + 16°**

| A. | M. J. | AR | D |
|---|---|---|---|
| | II. | 19h 6m | 73° 9' |
| 58 | 7- 7 | | 19",2 G |
| | III. | 19h 6m | 73° 7' |
| 71 | 9- 2 | 40s,56 G | |

**25596 P. — 36035 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | II. | 19h 5m | 100° 34' |
| 54 | 9-18 | 52s,46 G | |
| 58 | 7-11[1] | 52,61 G | 58",9 G |
| 61 | 9- 5 | | 56,2 G |
| | III. | 19h 6m | 100° 33' |
| 78 | 8-16 | 42s,31 G | 32",9 G |

[1] AR augmentée de 1s : erreur de moy.

Dates 1800+ — Positions moyennes pour les époques du Catal.

### 25597 P. — 36062 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | I. | |
| | | 19h 5m | 81° 38′ |
| 40 | 7-15 | 17s,74 G | 43″,9 F |
| | 7-16 | | 44,3 F |
| | | II. | |
| | | 19h 6m | 81° 37′ |
| 57 | 8-22 | 1s,01 G | |
| 58 | 7-13 | 0,80 G | 18″,9 G |
| 59 | 8- 6 | 0,83 G | 18,4 G |
| | 8-25 | 0,92 G | |
| 63 | 7-18 | 0,71 M | 18,2 M |

### 25598 P. — 26342 Gould.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 19h 5m | 119° 28′ |
| 58 | 8-19 | | 39″,6 G |

### 25599 P. — 3465 A + 38°.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | III. | |
| | | 19h 6m | 51° 2′ |
| 75 | 8-20 | 46s,34 M | 8″,0 M |
| 76 | 8- 9 | 46,14 M | 7,4 M |

### 25600 P. — 36066 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 19h 6m | 78° 10′ |
| 57 | 8-26 | 4s,63 G | |
| 59 | 7-17 | 4,22 G | |
| | | III. | |
| | | 19h 6m | 78° 9′ |
| 80 | 8-31 | 46s,73 M | 10″,0 M |

### 25601 P. — 36074 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 19h 6m | 73° 22′ |
| 56 | 8-14 | 9s,60 G | |
| | | III. | |
| | | 19h 6m | 73° 21′ |
| 71 | 9- 3 | 50s,26 G | |
| 75 | 7-12 | 50,29 G | 3″,5 G |
| | 7-29 | | 4,6 G |
| 76 | 7-10 | 49,93 G | 4,9 G |
| | 7-11 | 50,19 G | 4,4 G |

### 25602 P. — 36036 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 19h 6m | 106° 8′ |
| 54 | 9-19 | 1s,20 G | 7″,0 G |
| | | III. | |
| | | 19h 6m | 106° 6′ |
| 78 | 8-17 | 52s,86 M | 41″,4 M |
| | 9- 3 | 52,73 M | |

### 25603 P. — 7212 Sj.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 19h 6m | 98° 1′ |
| 58 | 9-26 | 4s,41 G | |

### 25604 P. — 36125-26 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 19h 6m | 51° 26′ |
| 66 | 7-20 | 23s,36 G | 49″,6 G |
| 67 | 8-19 | 23,24 G | 46,5 G |
| | | III. | |
| | | 19h 6m | 51° 25′ |
| 80 | 8-20 | 54s,00 M | 17″,2 M |

### 25605 P. — 36129-30 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | III. | |
| | | 19h 6m | 48° 25′ |
| 80 | 8- 5 | 55s,58 G | |
| 81 | 7-19 | | 48″,3 G |
| | 7-28 | | 48,4 G |

### 25606 P. — 36041 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | I. | |
| | | 19h 5m | 104° 17′ |
| 41 | 8-24[1] | 13s,76 G | |
| | | II. | |
| | | 19h 6m | 104° 16′ |
| 54 | 9- 9 | 4s,71 G | |
| | 10- 1 | 4,78 G | |
| 59 | 9-10 | 4,89 G | 29″,2 G |
| | | III. | |
| | | 19h 6m | 104° 14′ |
| 78 | 8- 9 | 55s,61 G | 59″,0 G |

[1] Erreur de 5° dans la décl. approchée inscrite au t. IV (distance des fils).

### 25607 P. — 36083 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 19h 6m | 72° 13′ |
| 56 | 9-19 | | 52″,3 G |
| 59 | 8-28 | 16s,12 G | 53,3 G |
| | 8-29 | 15,90 G | 51,8 G |

### 25608 P. — 36065 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 19h 6m | 85° 17′ |
| 56 | 9- 6 | 11s,55 G | |
| 57 | 8-21 | 11,54 G | |
| 58 | 10- 5 | | 49″,0 G |
| 59 | 7- 2 | 11,72 G | |
| | | III. | |
| | | 19h 6m | 85° 16′ |
| 71 | 8- 9 | 56s,18 M | 23″,8 M |
| 79 | 7-20 | 56,21 J | 23,5 J |

### 25609 P. — 36088-89 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | III. | |
| | | 19h 6m | 68° 58′ |
| 81 | 7-16 | 56s,35 J | 60″,1 J |
| | 7-17 | 56,39 J | 58,1 J |

### 25610 P. — 172 $W_2$.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 19h 6m | 71° 1′ |
| 58 | 8-16 | 18s,11 G | 26″,3 G |

### 25611 P. — 36081 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 19h 6m | 73° 23′ |
| 56 | 6-25 | | 7″,6 G |
| | 8-14 | 17s,72 G | |
| 57 | 6- 6 | | 7,4 G |

### 25612 P. — 36111 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | I. | |
| | | 19h 5m | 58° 58′ |
| 37 | 7- 7 | 49s,35 G | |
| | 9-20 | 49,46 G | |
| 38 | 9-11 | 49,45 G | |
| | 10- 9 | 49,38 G | |
| 39 | 8-24 | | 19″,3 F |
| 41 | 7-15 | | 19,4 F |
| | 7-29 | 49,43 G | |
| 46 | 7-30 | 49,46 G | |
| | 8-25 | 49,46 G | |
| | 9-26 | 49,47 G | |
| | 10- 1 | 49,39 G | |
| | 10-10 | 49,31 G | |
| 48 | 6-22 | 49,38 G | |
| 49 | 6-27 | 49,28 G | |
| | 6-28 | 49,27 G | 18,4 G |
| | | II. | |
| | | 19h 6m | 58° 56′ |
| 62 | 7- 5 | 23s,71 G | |
| | 7-13 | 23,74 G | |
| | 7-21 | 23,90 G | |
| | 7-25 | 23,80 G | |
| | 7-26 | 23,77 G | |
| | 7-27 | 23,74 G | |
| | 7-30 | 23,93 G | |
| | 7-31 | 23,85 G | |
| | 8- 1 | 23,83 G | |
| 63 | 7- 9 | 23,94 G | |
| | 7-11 | 23,85 G | |
| | 7-13 | 23,76 G | |
| | 7-15 | 23,84 G | |
| | 7-17 | 23,67 G | |
| | 7-24 | 23,89 G | |
| | 7-30 | 23,90 G | |
| | 7-31 | 23,90 G | |
| | 8- 1 | 23,87 G | |
| | 8- 9 | 23,85 G | |
| | 8-13 | 23,69 G | |
| | 8-14 | 23,67 M | |
| | 8-14 | 23,88 G | |
| | 8-17 | 23,72 G | |
| | 8-24 | 23,85 G | |
| | 8-25 | 23,85 G | |
| | 8-31 | 23,77 G | |
| 64 | 6-24 | 23,80 G | |
| | 7- 1 | 23,94 G | |

### 25612 P. (suite).

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 19h 6m | 58° 56′ |
| 64 | 7- 4 | 23s,82 G | |
| | 7- 5 | 23,91 G | |
| | 7- 6 | 23,76 G | |
| | 7-11 | 23,77 G | |
| | 7-27 | | 53″,8 G |
| | 7-28 | | 53,6 G |
| | 8- 1 | | 53,2 G |
| | 8- 6 | 23,89 G | |
| | 8-10 | 23,92 G | |
| | 8-16 | 23,81 G | |
| | 8-26 | | 52,8 G |
| | 8-27 | 23,66 G | |
| | 8-28 | 23,81 G | |
| | 8-29 | 23,79 G | |
| | 9- 1 | 23,79 G | |
| 65 | 8-30 | | 52,8 G |
| | 9- 1 | 23,71 G | |
| | 9- 6 | 23,88 G | |
| | 9- 7 | 23,75 G | |
| 67 | 7-30[1] | 25,03 G | |
| | | III. | |
| | | 19h 6m | 58° 55′ |
| 68 | 8- 4 | 58s,34 G | 25″,8 G |
| 72 | 7- 5 | 58,34 G | |
| | 7- 9 | 58,41 G | |
| | 7-20 | 58,30 G | |
| | 7-21 | 58,23 G | |
| | 8-17 | 58,31 G | |
| | 8-18 | 58,28 G | |
| | 8-19 | 58,27 G | |
| | 8-20 | 58,36 G | |
| | 8-28 | 58,41 G | |
| 74 | 8-26 | 58,27 M | 26,3 M |
| 75 | 7-19 | 58,37 G | 25,7 G |
| | 8-11 | 58,24 G | 25,0 G |
| 76 | 7-12 | 58,24 G | 25,3 G |

[1] Æ non comprise dans la moyenne.

### 25613 P. — 36037 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 19h 6m | 112° 18′ |
| 55 | 7- 3 | 11s,20 G | |

### 25614 P. — 9694 Cambridge.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 19h 6m | 63° 48′ |
| 59 | 7-16 | 30s,01 G | |

### 25615 P. — 36055 L.

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | | II. | |
| | | 19h 6m | 102° 19′ |
| 54 | 9- 6 | 19s,53 G | |
| 58 | 9- 9 | 19,51 G | 13″,0 G |
| | | III. | |
| | | 19h 7m | 102° 17′ |
| 70 | 7-14 | 9s,82 M | 45″,4 M |
| 78 | 8-31 | 9,63 M | 46,7 M |

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. Æ. | D. |
|---|---|---|

### 25616 P. — 36108 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 19h 7m | 66°44′ |
| 81 8- 2 | 13s,92 J | 58″,3 J |
| 8-28 | 13,77 J | 58,1 J |

### 25617 P. — 131 W1.

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 19h 6m | 87°53′ |
| 57 8-20 | 28s,70 G | |

### 25618 P. — 36142 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | I. | |
| | 19h 6m | 49°49′ |
| 40 8-31 | | 31″,7 F |
| | III. | |
| | 19h 7m | 49°46′ |
| 80 9- 3 | 14s,38 G | 38″,7 G |
| 81 8- 8 | 14,25 G | 40,1 G |

### 25619 P. — 36106 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 19h 6m | 68°40′ |
| 58 8- 8 | | 43″,6 G |
| | III. | |
| | 19h 7m | 68°39′ |
| 79 8-11 | 14s,88 G | 16″,8 G |
| 80 8- 5 | 14,94 M | 15,8 M |

### 25620 P. — 7299 Berlin A.

| A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 19h 7m | 73°33′ |
| 71 9- 6 | 17s,03 G | |
| 81 8- 8 | 16,94 M | 14″,6 M |

### 25621 P. — 3154 Fedorenko.

| A. M. J. | Æ. | D. |
|---|---|---|
| | I. | |
| | 19h 10m | 7°51′ |
| 43 9- 4[1] | 23s,85 G | |

[1] Erreur de 1° dans la déclinaison approchée inscrite au Tome V. Le registre porte ★ $h = 123° 16'$.

### 25622 P. — 36095 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 19h 6m | 78°12′ |
| 57 8-26 | 36s,88 G | |
| 59 7-10 | 36,86 G | |
| 7-17 | 36,70 G | |
| 60 8-26 | | 41″,2 G |
| | III | |
| | 19h 7m | 78°11′ |
| 79 8-25 | 18s,87 J | |
| 9- 1 | 18,98 J | 12″,3 J |

### 25623 P. — 36085 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 19h 6m | 85°58′ |
| 58 6- 7 | 36s,14 G | |
| 9- 6 | 36,37 G | 12″,2 G |
| 59 7-21 | 36,32 G | |
| 63 7-31 | 36,19 M | 12,0 M |

### 25624 P. — 36086 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | I. | |
| | 19h 5m | 87°57′ |
| 39 7-28 | 53s,78 G | 53″,1 F |
| 7-30 | 53,86 G | |
| 9- 6 | | 53,9 F |
| 46 7-23 | 53,74 G | |
| 7-25 | 53,90 G | |
| 7-26 | 53,85 G | 53,4 G |
| 8- 9 | 53,67 G | |
| 47 8- 4 | 53,95 G | |
| 48 8-13 | | 57,1 G |
| 49 7- 6 | | 55,1 G |
| 50 7-10 | | 54,3 G |
| 8-13 | 53,75 G | |
| | II. | |
| | 19h 6m | 87°56′ |
| 56 7-14 | 39s,16 G | |
| 57 8-20 | 39,12 G | 28″,7 G |
| 62 9- 5 | 39,16 G | |
| | III. | |
| | 19h 7m | 87°55′ |
| 71 8-10 | 24s,48 M | 1″,2 M |

### 25625 P. — 36124 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 19h 6m | 98°57′ |
| 56 6-28 | | 14″,5 G |
| | III. | |
| | 19h 7m | 98°55′ |
| 68 8-26 | 26s,78 M | 48″,3 M |
| 75 8- 9 | 26,88 M | 47,4 M |
| 76 8- 4 | 26,69 M | 47,9 M |
| 8- 7 | 26,79 M | 47,9 M |

### 25626 P. — 36101 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 19h 6m | 80°32′ |
| 57 8- 7 | 45s,25 G | 31″,2 G |
| 60 8-10 | 45,43 G | 32,2 G |
| 8-16 | 45,53 G | 31,7 F |
| 9-11 | 45,45 G | |

### 25627 P. — 36138 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 19h 6m | 57°58′ |
| 67 8- 9[1] | 56s,77 G | 49″,5 G |
| 9- 6 | 56,63 G | 48,8 G |

### 25627 P. (suite).

| A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 19h 7m | 57°57′ |
| 68 8- 7 | 30s,67 G | |

[1] Indiquée à tort en asc. dr. au vol. des observations de 1867 comme 36157 (dist. des fils).

### 25628 P. — 36105 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 19h 6m | 78°53′ |
| 58 7-26[1] | 49s,11 G | 37″,7 G |
| 67 8-22 | 49,13 M | 19,2 M |

[1] D non comprise dans la moyenne.

### 25629 P. — 196 W2.

| A. M. J. | Æ. | D. |
|---|---|---|
| | I. | |
| | 19h 6m | 59°54′ |
| 39 8-21 | | 34″,9 F |

### 25630 P. — 36114 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 19h 6m | 75°11′ |
| 58 6- 3 | | 55″,3 G |
| 59 7-28 | 52s,71 G | |
| 60 7-21 | 52,65 G | 56,8 G |
| | III. | |
| | 19h 7m | 75°10′ |
| 71 9- 5 | 33s,64 G | |
| 9-12 | 33,69 G | |

### 25631 P. — 3781 A + 16°.

| A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 19h 7m | 73°34′ |
| 80 7-27 | 34s,13 M | 29″,8 M |

### 25632 P. — 36135 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | I. | |
| | 19h 6m | 60°15′ |
| 41 7-16 | 24s,28 G | 1″,0 F |
| | II. | |
| | 19h 6m | 60°13′ |
| 58 8-30 | 59s,23 G | |
| | III. | |
| | 19h 7m | 60°12′ |
| 70 7-29 | 34s,49 G | 6″,2 G |
| 74 7-18 | 34,32 M | 6,9 M |

### 25633 P. — 36099 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 19h 6m | 84°43′ |
| 58 7- 1[1] | | 9″,5 G |
| 10- 3 | | 10,2 G |
| 59 6-14 | 50s,43 G | |
| 8-24 | 50,62 G | |

[1] D diminuée de 5′.

### 25634 P. — 36098 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 19h 6m | 85°14′ |
| 63 7- 7 | 50s,27 M | 53″,8 M |
| | III. | |
| | 19h 7m | 85°13′ |
| 71 8-11 | 34s,80 M | 25″,8 M |

### 25635 P. — 36143-44 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | I. | |
| | 19h 6m | 55°52′ |
| 40 8- 5 | 29s,34 G | |

### 25636 P. — 36115 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 19h 6m | 75°17′ |
| 67 8-13 | 54s,79 M | 31″,8 M |
| | III. | |
| | 19h 7m | 75°16′ |
| 71 7-31 | 35s,64 G | |

### 25637 P. — 36157 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 19h 7m | 50°15′ |
| 68 7-31 | 36s,77 G | |
| 75 7-24 | 37,00 G | |
| 8-16 | 36,93 G | 9″,8 G |

### 25638 P. — 36158 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 19h 7m | 50°11′ |
| 81 8- 8 | 38s,53 J | 14″,9 J |

### 25639 P. — 8437 Mn2.

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 19h 6m | 80°32′ |
| 60 8-10 | 56s,21 G | |

### 25640 P. — 134 W1.

| A. M. J. | Æ. | D. |
|---|---|---|
| | I. | |
| | 19h 5m | 103°3′ |
| 44 8-19 | 58s,43 G | |

### 25641 P. — 138 W1.

| A. M. J. | Æ. | D. |
|---|---|---|
| | I. | |
| | 19h 6m | 98°7′ |
| 37 6-22 | 2s,23 G | 23″,6 F |
| 6-23 | 2,12 G | |
| 7-10 | 2,34 G | |
| 41 8- 5 | 2,21 G | |
| 8- 6 | 2,02 G | 25,6 F |
| 8-19 | 2,11 G | |

| Dates 1800+ | | Positions moyennes pour les époques du Catal. | |
|---|---|---|---|
| A. | M. J. | Æ. | ℘. |

### 25641 P. (suite).

| A. | M. J. | Æ. | ℘. |
|---|---|---|---|
| | | I. | |
| | | $19^h6^m$ | 98°7′ |
| 41 | 8-20 | $2^s,32$ G | |
| | 8-27 | 2,08 G | |
| | 8-30 | 2,19 G | $25'',0$ F |
| | 9- 1 | 2,35 G | |
| | 9-11 | 2,09 G | 24,9 F |
| | 9-19 | 2,11 G | |
| 49 | 8-31 | 2,39 G | |

### 25642 P. — 4903 Sf — 8°.

| A. | M. J. | Æ. | ℘. |
|---|---|---|---|
| | | I. | |
| | | $19^h6^m$ | 98°44′ |
| 49 | 7-20 | $2^s,61$ G | |

### 25643 P. — 36092 à 94 L.

| A. | M. J. | Æ. | ℘. |
|---|---|---|---|
| | | II. | |
| | | $19^h6^m$ | 93°44′ |
| 58 | 7-30 | $55^s,75$ G | |
| | | III. | |
| | | $19^h7^m$ | 93°42′ |
| 76 | 7-20 | $43^s,06$ G | $43'',3$ G |
| | 7-22 | 42,84 G | 41,0 G |
| | 8- 1 | 42,95 G | 43,1 G |

### 25644 P. — 36165 L.

| A. | M. J. | Æ. | ℘. |
|---|---|---|---|
| | | II. | |
| | | $19^h7^m$ | 50°48 |
| 59 | 9- 8 | $16^s,02$ G | |
| 66 | 7- 7[1] | 16,04 G | |
| | | III. | |
| | | $19^h7^m$ | 50°47′ |
| 79 | 7-17 | $46^s,62$ G | |
| | 9- 4 | 46,59 J | $18'',2$ J |
| 81 | 8- 2 | 46,40 M | 17,7 M |
| | 9-13 | 46,58 M | 18,3 M |

[1] Æ augmentée de 1h : erreur de réduct.

### 25645 P. — 36161 L.

| A. | M. J. | Æ. | ℘. |
|---|---|---|---|
| | | I. | |
| | | $19^h6^m$ | 53°37′ |
| 40 | 8- 4 | | $41'',6$ F |
| | | III. | |
| | | $19^h7^m$ | 53°34′ |
| 80 | 8-31 | $49^s,68$ J | $46'',9$ J |
| 81 | 7-21 | 49,91 J | 45,3 J |

### 25646 P. — 36103 L.

| A. | M. J. | Æ. | ℘. |
|---|---|---|---|
| | | II. | |
| | | $19^h7^m$ | 91°22′ |
| 55 | 8- 9 | $3^s,75$ G | $34'',5$ G |
| 64 | 7-21 | 3,53 M | 35,7 M |

### 25646 P. (suite).

| A. | M. J. | Æ. | ℘. |
|---|---|---|---|
| | | III. | |
| | | $19^h7^m$ | 91°21′ |
| 76 | 7-19 | $50^s,26$ G | $8'',2$ G |
| | 8-10 | 50,35 G | 7,8 G |
| | 8-16 | 50,36 G | 8,5 G |
| 77 | 7-11 | 50,22 G | |

### 25647 P. — 36079 L.

| A. | M. J. | Æ. | ℘. |
|---|---|---|---|
| | | II. | |
| | | $19^h6^m$ | 106°12′ |
| 58 | 6-12 | | $51'',7$ G |
| 59 | 8-16 | $59^s,96$ G | 52,6 G |
| | | III. | |
| | | $19^h7^m$ | 106°11′ |
| 79 | 8-12 | $51^s,53$ M | $25'',1$ M |

### 25648 P. — ψ Sagittaire.

| A. | M. J. | Æ. | ℘. |
|---|---|---|---|
| | | I. | |
| | | $19^h6^m$ | 115°31′ |
| 39 | 7-10 | $2^s,02$ G | |
| | 7-16 | 2,06 G | |
| | 8-19 | 1,91 G | |
| | 8-24 | 1,95 G | |
| | 9- 4 | 2,04 G | |
| 40 | 7-27 | 2,01 G | |
| | 8- 8 | 1,81 G | |
| | 8-12 | 1,88 G | |
| | 8-14 | 1,86 G | |
| 41 | 7- 3 | 1,94 G | $4'',6$ F |
| 46 | 8-18 | | 4,6 G |
| | 8-26[1] | 2,02 G | 5,2 G |
| | 8-29 | 1,93 G | |
| 48 | 7-12 | 2,10 G | |
| | 7-14 | | 3,8 F |
| | 10- 3 | 1,96 G | |
| | 10- 7 | 1,91 G | |
| 50 | 9-11 | | 3,9 F |
| | 10-16 | | 5,2 G |
| 52 | 8-25 | 2,06 G | |
| | | II. | |
| | | $19^h6^m$ | 115°29′ |
| 54 | 8-11 | | $40'',8$ G |
| | 8-19 | | 39,8 G |
| 57 | 7- 7 | $57^s,32$ G | |

[1] Æ augmentée de 1m : erreur de transcr.

### 25649 P. — 36122 L.

| A. | M. J. | Æ. | ℘. |
|---|---|---|---|
| | | II. | |
| | | $19^h7^m$ | 81°12′ |
| 56 | 7-15 | | $8'',1$ G |
| 58 | 7- 2 | $11^s,16$ G | 8,2 G |
| | 9-28 | 11,31 G | |
| 59 | 7- 3 | 11,21 G | |
| | 7- 5 | 11,22 G | 9,3 G |

### 25650 P. — 36069 L.

| A. | M. J. | Æ. | ℘. |
|---|---|---|---|
| | | I. | |
| | | $19^h6^m$ | 114°26′ |
| 39 | 7- 3 | $6^s,46$ G | |
| 40 | 8-29 | 6,50 G | |
| 41 | 7-18 | 6,45 G | |

### 25650 P. (suite).

| A. | M. J. | Æ. | ℘. |
|---|---|---|---|
| | | II. | |
| | | $19^h7^m$ | 114°24′ |
| 55 | 7-31 | $1^s,20$ G | |
| 59 | 8- 3 | | $49'',1$ G |
| | | III. | |
| | | $19^h7^m$ | 114°23′ |
| 79 | 8- 2 | $56^s,27$ J | $25'',4$ J |

### 25651 P. — 36097 L.

| A. | M. J. | Æ. | ℘. |
|---|---|---|---|
| | | II. | |
| | | $19^h7^m$ | 100°57′ |
| 54 | 9- 7 | | $30'',9$ G |
| | 9-20 | $9^s,47$ G | |
| | | III. | |
| | | $19^h7^m$ | 100°56′ |
| 79 | 8-16 | $59^s,28$ M | $3'',2$ M |

### 25652 P. — 3470 A + 30°.

| A. | M. J. | Æ. | ℘. |
|---|---|---|---|
| | | I. | |
| | | $19^h6^m$ | 59°39′ |
| 40 | 7-17 | | $23'',2$ F |

### 25653 P. — 3503 A + 31°.

| A. | M. J. | Æ. | ℘. |
|---|---|---|---|
| | | II. | |
| | | $19^h7^m$ | 58°32′ |
| 59 | 8-10 | $24^s,72$ G | |

### 25654 P. — 36153 et 55 L.

| A. | M. J. | Æ. | ℘. |
|---|---|---|---|
| | | I. | |
| | | $19^h6^m$ | 61°1′ |
| 40 | 8- 2 | $49^s,68$ G | |
| | | II. | |
| | | $19^h7^m$ | 61°0′ |
| 58 | 7-17 | $25^s,09$ M | $13'',3$ G |
| 59 | 8-22 | 24,91 G | |
| | 9- 1 | 24,84 G | 11,8 G |
| | | III. | |
| | | $19^h8^m$ | 60°58′ |
| 70 | 7-15 | $0^s,51$ G | $45'',1$ G |
| | 7-18 | 0,52 G | 45,1 G |
| 75 | 8-11 | 0,48 M | 45,3 M |
| 76 | 7-20 | 0,49 M | 45,0 M |
| | 7-29 | 0,39 M | 45,1 M |

### 25655 P. — 36087 L.

| A. | M. J. | Æ. | ℘. |
|---|---|---|---|
| | | II. | |
| | | $19^h7^m$ | 110°1′ |
| 57 | 8-12 | $11^s,46$ G | $29'',1$ G |
| 59 | 8-31 | 11,46 G | |
| | | III. | |
| | | $19^h8^m$ | 110°0′ |
| 80 | 7- 4 | $4^s,34$ M | $3'',9$ M |

### 25656 P. — 36186 L.

| A. | M. J. | Æ. | ℘. |
|---|---|---|---|
| | | III. | |
| | | $19^h8^m$ | 46°19′ |
| 80 | 8- 3 | $5^s,08$ G | $5'',7$ G |

### 25657 P. — 36180-81 L.

| A. | M. J. | Æ. | ℘. |
|---|---|---|---|
| | | III. | |
| | | $19^h8^m$ | 48°22′ |
| 80 | 8- 9 | $7^s,19$ G | $17'',1$ G |

### 25658 P. — 7210 Rümker.

| A. | M. J. | Æ. | ℘. |
|---|---|---|---|
| | | I. | |
| | | $19^h6^m$ | 70°3′ |
| 40 | 8-31 | $49^s,02$ G | |

### 25659 P. — 159 W₁.

| A. | M. J. | Æ. | ℘. |
|---|---|---|---|
| | | I. | |
| | | $19^h6^m$ | 79°36′ |
| 43 | 8-31 | $42^s,79$ G | |

### 25660 P. — 19296 A.O.

| A. | M. J. | Æ. | ℘. |
|---|---|---|---|
| | | II. | |
| | | $19^h7^m$ | 120°36′ |
| 58 | 8-19 | $11^s,19$ G | |

### 25661 P. — 36184 L.

| A. | M. J. | Æ. | ℘. |
|---|---|---|---|
| | | I. | |
| | | $19^h7^m$ | 49°1′ |
| 40 | 9-10 | | $12'',0$ F |

### 25662 P. — 36168 L.

| A. | M. J. | Æ. | ℘. |
|---|---|---|---|
| | | I. | |
| | | $19^h7^m$ | 60°12′ |
| 41 | 7-15 | $3^s,80$ G | |
| | 7-16 | 3,84 G | $49'',5$ F |
| | | III. | |
| | | $19^h8^m$ | 60°9′ |
| 73 | 7-17 | $13^s,92$ G | $53'',8$ G |
| | 8- 4 | 13,75 G | |
| 74 | 7-20 | 13,86 M | 52,7 M |

### 25663 P. — 36119, 21 et 23 L.

| A. | M. J. | Æ. | ℘. |
|---|---|---|---|
| | | II. | |
| | | $19^h7^m$ | 93°37′ |
| 55 | 8-23[1] | $27^s,51$ G | |
| 57 | 8-17 | 27,55 G | |
| 60 | 8- 9 | | $19'',4$ G |
| | 9-12[2] | 27,64 G | 19,8 G |
| 61 | 8-21 | 27,96 G | 21,0 G |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (Æ. — D.)

**25663 P. (suite).**

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 19h8m | 93°35' |
| 78 7-30 | 14s,84 G | 52",8 G |
| 79 7-29 | 14,93 J | 52,2 J |
| 8-13 [3] | 14,94 J | 52,7 J |

[1] Æ augmentée de 1s : l'observateur a diminué trois fils de 1s tandis qu'il eût fallu augmenter les deux autres de 1s.
[2] Æ augmentée de 1s,27 : suppression d'un fil en erreur de plus de 1s.
[3] Æ diminuée de 1m.

**25664 P. — 19298 A.O.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 19h7m | 120°42' |
| 58 8-19 | 17s,65 G | |

**25665 P. — 36102 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 19h7m | 106°20' |
| 54 9-2 | 23s,89 G | |
| 59 7-17 | | 14",7 G |
| 67 7-19 | 24,21 M | 13,7 M |

**25666 P. — 36096 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 19h7m | 114°57' |
| 58 8-4 | 29s,92 G | 25",6 G |
| III. | 19h8m | 114°55' |
| 79 8-22 | 24s,97 J | 58",2 J |

**25667 P. — 36146 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 19h7m | 78°31' |
| 56 8-30 | 44s,46 G | 28",8 G |
| 58 9-11 | 44,47 G | 29,7 G |
| 9-12 | 44,37 G | 28,9 G |

**25668 P. — 36171-72 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 19h8m | 65°11' |
| 70 7-23 | 27s,11 G | 5",3 G |
| 8-6 | 27,09 G | 3,2 G |

**25669 P. — 5032 Sf — 22°.**

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 19h6m | 112°17' |
| 45 7-23 | 39s,93 G | |

**25670 P. — 36193 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 19h8m | 50°42' |
| 81 7-28 | 29s,22 J | 49",4 J |
| 8-6 | 29,22 J | 48,7 J |

**25671 P. — 36100 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 19h7m | 115°54' |
| 55 7-12 | 35s,10 G | 22",7 G |
| III. | 19h8m | 115°52' |
| 72 7-6 | 30s,40 M | 52",2 M |
| 79 8-12 | 30,43 J | 55,5 J |

**25672 P. — 36132 à 34 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 19h7m | 93°34' |
| 58 9-8 | 44s,13 G | |
| 59 7-24 | 44,25 G | |
| 61 8-21 | | 1",8 G |
| III. | 19h8m | 93°32' |
| 76 8-3 | 31s,64 G | 31",7 G |
| 8-4 | 31,63 G | 31,2 G |
| 8-9 | 31,63 G | 31,7 G |

**25673 P. — 36145 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 19h7m | -85°37' |
| 56 7-3 | 49s,73 G | |
| 8-26 | | 4",6 G |
| 57 7-19 | 49,63 G | 3,9 G |
| 8-6 | 49,47 G | 6,1 G |
| 59 7-8 | 49,51 G | |

**25674 P. — 36178 L**

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 19h8m | 61°7' |
| 80 9-2 | 36s,60 J | 14",4 J |

**25675 P. — 36147 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 19h7m | 84°11' |
| 55 10-19 | 52s,85 G | |
| 57 9-22 | 53,00 G | |
| 58 10-5 | | 23",3 G |
| III. | 19h8m | 84°9' |
| 69 7-3 | 36s,95 M | 54",9 M |

**25676 P. — 36139-40 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 19h7m | 93°35' |
| 58 9-8 | 50s,74 G | 28",7 G |
| 59 7-24 | 50,67 G | |
| 60 8-9 [1] | 50,71 G | |
| 61 8-21 | | 30,5 G |

**25676 P. (suite).**

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 19h8m | 93°33' |
| 76 7-13 | 38s,00 G | 62",8 G |
| 7-17 | 37,80 G | |
| 7-29 | 37,81 G | 58,4 G |

[1] Æ dim. de 0s,80 : erreur de 1s commise en passant du premier au second fil.

**25677 P. — 36170 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 19h7m | 71°47' |
| 57 6-2 | | 21",5 G |
| III. | 19h8m | 71°45' |
| 71 8-12 | 39s,97 G | |
| 8-13 | 39,96 G | 53",7 G |
| 8-16 | 40,04 G | |
| 8-19 | 39,90 G | |
| 8-27 | 39,82 G | 52,7 G |
| 8-28 | 39,81 G | |
| 9-15 | 40,00 G | |

**25678 P. — 36137 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 19h7m | 96°17' |
| 56 7-26 | 52s,66 G | |
| 60 7-13 | 52,67 G | 22",6 G |
| 61 8-1 | | 22,3 G |
| III. | 19h8m | 96°15' |
| 74 7-14 | 40s,79 G | 55",0 G |
| 7-15 | 40,86 G | 54,0 G |
| 7-18 | 40,75 G | 55,2 G |

**25679 P. — 36194-95 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 19h8m | 55°45' |
| 59 8-30 | 10s,00 G | |
| III. | 19h8m | 55°43' |
| 79 7-29 | 43s,09 G | 47",3 G |
| 80 8-11 | 43,13 M | 49,1 M |
| 81 9-4 | 43,23 J | 49,5 J |

**25680 P. — 36227 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 19h8m | 42°50' |
| 80 8-26 | 43s,62 J | 8",3 J |

**25681 P. — 229 $W_2$.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 19h8m | 63°46' |
| 59 7-16 | 7s,91 G | |

**25682 P. — 36179 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 19h8m | 64°28' |
| 58 7-12 | 8s,49 G | 41",3 G |
| III. | 19h8m | 64°27' |
| 70 7-19 | 45s,51 G | |
| 7-20 | 45,64 G | 15",2 G |
| 7-22 | 45,58 G | 15,4 G |
| 8-1 | 45,63 G | 15,4 G |

**25683 P. — 36176 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 19h8m | 71°8' |
| 71 8-1 | 45s,84 G | |
| 8-7 | 45,87 G | 55",9 G |
| 8-9 | 45,71 G | 55,0 G |
| 8-10 | 45,82 G | 55,0 G |

**25684 P. — 36160 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 19h8m | 82°8' |
| 57 5-27 | | 36",2 G |
| 63 8-8 | 2s,55 M | 36,9 M |
| III. | 19h8m | 82°7' |
| 71 8-12 | 46s,32 M | 7",7 M |

**25685 P. — 31 Piazzi.**

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 19h7m | 80°56' |
| 43 5-16 [1] | 24s,42 G | |

[1] Erreur de 10° dans la déclinaison approchée inscrite au t. V (dist. des fils); d'ailleurs le cahier-minute porte ⋆ $h$ = 50° 15'.

**25686 P. — 36245 à 47 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 19h8m | 40°23' |
| 81 7-17 | 50s,71 G | |

**25687 P. — 36175 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 19h8m | 74°52' |
| 58 8-5 | 10s,07 G | 11",0 G |
| III. | 19h8m | 74°50' |
| 71 7-5 | 50s,92 G | 41",9 G |
| 75 7-20 | 51,02 G | 43,3 G |
| 7-23 | 51,17 G | 41,7 G |
| 7-26 | 51,11 G | |
| 7-31 | 51,03 G | 42,8 G |

### 25688 P. — 36128 L.

| Dates 1800+ A. | M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h7m | 108°53' |
| 54 | 9- 5 | 59s,06 G | |
| | 9-27 | 59,16 G | |
| 57 | 9- 5 | | 42",9 G |
| 67 | 7-24 | 59,24 M | 40,8 M |
| | | III. | |
| | | 19h8m | 108°52' |
| 68 | 7-18 | 51s,77 M | 10",9 M |

### 25689 P. — 36148 à 50 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h8m | 93°21' |
| 55 | 9-10 | | 13",9 G |
| 57 | 7-24 | 6s,56 G | |
| | 7-31 | 6,19 G | 14,8 G |
| | 8- 2 | 6,50 G | 14,1 G |
| | | III. | |
| | | 19h8m | 93°19' |
| 76 | 8- 5 | 53s,76 G | 46",9 G |
| | 8-11 | 53,76 G | 47,1 G |
| | 8-12 | 53,65 G | 46,2 G |
| | 8-25 | 53,54 G | 47,9 G |
| 79 | 8-10 | 53,77 G | 46,7 G |
| | 8-11 | 53,73 G | 46,2 G |

### 25690 P. — 36117 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h8m | 118°54' |
| 55 | 6-30 | 0s,71 G | |

### 25691 P. — 36163 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h8m | 87°51' |
| 57 | 7-18 | 12s,81 G | 57",0 G |
| | 7-28 | 12,84 G | 55,3 G |
| | 8-22 | 13,15 G | |
| 59 | 8-23 | 12,97 G | 57,4 G |

### 25692 P. — 19354 $Mn_1$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h7m | 105°50' |
| 43 | 8-11 | 18s,87 G | |

### 25693 P. — 183 $W_1$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h7m | 79°51' |
| 40 | 7-15 | 37s,53 G | 15",8 F |
| 44 | 7- 2 | 37,60 G | |
| | 7-27 | | 16,7 F |
| | 8- 5 | | 17,0 F |
| | | II. | |
| | | 19h8m | 79°49' |
| 57 | 9- 8 | 19s,97 G | |

### 25694 P. — 36159 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h8m | 93°16' |
| 57 | 7-24 | 17s,31 G | |
| | 8- 2 | 17,40 G | |
| | | III. | |
| | | 19h9m | 93°15' |
| 78 | 7-28 | 4s,31 G | 25",2 G |
| 79 | 8-11 | 4,40 M | 22,7 M |

### 25695 P. — 36136 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h8m | 112°2' |
| 55 | 7-19[1] | 14s,41 G | 18",6 G |
| | | III. | |
| | | 19h9m | 112°0' |
| 80 | 9- 5 | 8s,19 M | 49",2 M |

[1] 𝒫 augm. de 1°.

### 25696 P. — 36215 et 17 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h9m | 55°48' |
| 80 | 8-30 | 8s,39 J | 28",6 J |
| | 9- 1 | 8,35 J | 29,2 J |

### 25697 P. — 36193-99 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h8m | 65°13' |
| 58 | 8- 8 | | 32",0 G |
| 60 | 7-24[1] | 31s,50 G | 30,4 G |
| | | III. | |
| | | 19h9m | 65°12' |
| 79 | 8-12 | 8s,81 G | 2",2 G |

[1] 𝒜 augmentée de 0s,20 : erreur de 1s sur un fil.

### 25698 P. — 36167 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h8m | 92°49' |
| 55 | 8-20 | | 10",9 G |
| | | III. | |
| | | 19h9m | 92°47' |
| 78 | 7-29 | 12s,87 G | 44",2 G |
| 79 | 7-28 | 12,74 J | 43,9 J |
| 80 | 8- 8 | 12,55 M | 42,7 M |

### 25699 P. — 36229 et 31 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h8m | 51°12' |
| 67 | 8-13 | 42s,99 G | 0",1 G |
| | | III. | |
| | | 19h9m | 51°10' |
| 68 | 8- 4 | 13s,64 G | 32",0 G |
| 76 | 8- 1 | 13,58 M | 33,0 M |
| | 8- 3 | 13,55 M | 30,2 M |
| | 8-16 | 13,55 M | 30,7 M |
| 80 | 6-23 | | 29,8 G |

### 25700 P. — 36156 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h8m | 102°2' |
| 54 | 9-10 | 25s,72 G | |
| | 9-18 | 25,51 G | |
| 59 | 9-10 | 25,58 G | 47",4 G |
| | | III. | |
| | | 19h9m | 102°1' |
| 80 | 8-23 | 15s,70 M | 16",7 M |

### 25701 P. — 255 $W_2$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h9m | 51°10' |
| 80 | 8-10 | 16s,47 M | 8",6 M |

### 25702 P. — 36340 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h9m | 24°16' |
| 46 | 7-17 | 10s,12 G | 50",6 G |
| 48 | 8-24 | | 50,1 G |
| 49 | 6-22 | 9,79 G | |
| 50 | 10-16[1] | | 53,3 G |

[1] 𝒫 dim. de 15",3 : l'étoile a dû être observée sous le fil inférieur au lieu d'être observée sur le fil supérieur.

### 25703 P. — 2788 Gr.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h8m | 50°1' |
| 40 | 8-27 | 17s,25 G | |
| | 8-28[1] | 17,33 G | |
| | 8-29 | | 11",8 F |
| | 8-31 | | 14,1 F |
| | 9-29 | 17,34 G | |
| | 9-30 | 17,18 G | |

[1] 𝒜 augmentée de 5m : erreur de transcription.

### 25704 P. — 36183 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h8m | 80°1' |
| 56 | 5-23 | | 43",7 G |
| | 6-30 | 34s,98 G | |
| 58 | 9-13 | | 41,6 G |
| | | III. | |
| | | 19h9m | 80°0' |
| 71 | 8- 9 | 17s,68 M | 13",6 M |

### 25705 P. — 53 Dragon.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h8m | 33°24' |
| 37 | 6-26[1] | 44s,60 G | 10",2 F |
| 38 | 11-22 | 44,60 G | 11,4 F |
| 40 | 7-17 | 44,47 G | 9,3 F |
| 43 | 10-21 | 44,42 G | |
| 45 | 8-16 | 44,44 G | |
| | 8-19 | 44,44 G | |

### 25705 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h8m | 33°24' |
| 45 | 8-20 | 44s,40 G | |
| 46 | 2-26 I | 44,35 G | |
| | 6-28[2] | 44,44 G | |
| 47 | 11- 1 | | 9",9 G |

[1] 𝒜 augmentée de 1m.
[2] Désignée à tort au t. VI comme 1 Renard (distance des fils).

### 25706 P. — 36213 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h9m | 61°31' |
| 73 | 7-18 | 20s,40 G | 46",6 G |
| 75 | 7-12 | 20,40 G | 45,5 G |
| | 7-27 | 20,29 G | 45,9 G |

### 25707 P. — 36201 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h8m | 70°38' |
| 59 | 8-13 | 44s,79 G | 46",9 G |
| | | III. | |
| | | 19h9m | 70°37' |
| 79 | 9- 7 | 23s,97 J | 17",3 J |

### 25708 P. — 36238 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h9m | 53°47' |
| 81 | 7-13 | 25s,57 J | 23",8 J |
| | 7-23 | 25,23 J | 22,6 J |
| | 8- 5 | 25,12 J | 22,9 J |

### 25709 P. — 36173-74 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h8m | 98°55' |
| 55 | 8-10 | 38s,63 G | |
| 56 | 6-29 | | 56",0 G |
| 57 | 6-13 | 38,75 G | |
| 59 | 7-12 | | 56,3 G |
| | 9-20 | 38,61 G | |
| | | III. | |
| | | 19h9m | 98°54' |
| 74 | 7-20 | 27s,67 G | 27",4 G |
| | 7-21 | 27,62 G | 27,9 G |
| | 7-27 | 27,64 G | |

### 25710 P. — 36222 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h8m | 59°54' |
| 37 | 6-25 | 19s,65 G | 46",8 F |
| 40 | 8- 2 | 19,68 G | |
| | 8-15 | 19,54 G | |
| | 8-16 | 19,43 G | |

| Dates 1800+ A. | M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|---|

### 25711 P. — 36162 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $19^h 8^m$ | 106°31′ |
| 57 | 8-29 | | 12″,9 G |
| | | III. | |
| | | $19^h 9^m$ | 106°29′ |
| 79 | 8-26 | $29^s,98$ J | 43″,4 J |
| | 9- 2 | 29,94 J | 43,2 J |

### 25712 P. — 36253 à 55 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $19^h 8^m$ | 51°7′ |
| 37 | 6-19 | $29^s,01$ G | 1″,9 F |
| | 6-21 | 29,09 G | |
| | 6-22 | 28,96 G | 2,3 G |
| | 6-23 | 29,04 G | |
| | 7- 3 | 28,95 G | |
| | 7- 4 | 28,89 G | |
| | 7- 5 | 28,94 G | |
| | 7-10 | 28,83 G | |
| | 7-24 | 29,01 G | 0,6 F |
| | 7-31 | 29,05 G | |
| | 8- 7 | 28,86 G | |
| | 8- 8 | 28,89 G | 3,4 F |
| | 8-11 | 29,05 G | 3,2 F |
| | 8-13 | 28,87 G | |
| | 8-27 | 28,88 G | |
| 38 | 8-13 | 28,99 G | 3,6 F |
| | 10-30 | 29,02 G | 2,0 F |
| 39 | 9-10 | 28,90 G | |
| | 10- 9[1] | 29,00 G | |
| 41 | 7-29 | 28,98 G | |
| | 8-14 | | 5,3 F |
| 46 | 7-20 | 28,89 G | |
| | 7-22 | 29,07 G | |
| | 8- 3 | | 3,5 G |
| | 8-21 | 28,95 G | |
| | 9-14 | 29,03 G | |
| | 9-16 | 28,96 G | |
| | 9-17 | 28,99 G | |
| | 9-18 | 29,03 G | |
| | 9-19 | 28,94 G | |
| | 9-22 | 28,94 G | |
| 47 | 10-28 | | 3,6 G |
| | 11-13 | | 3,8 G |
| 48 | 11- 2 | 29,04 G | 3,5 G |
| 52 | 10- 9 | 28,99 G | |
| | 10-10 | 28,98 G | |
| | 10-14 | 28,89 G | |
| | 10-15 | 29,05 G | |
| | 10-16 | 28,81 G | |
| | 10-17 | 28,87 G | |
| | 10-19 | 29,02 G | |
| | 10-20 | 29,01 G | |
| | 10-22 | 29,01 G | |
| | 11- 3 | 28,91 G | |
| | 11- 6 | 28,93 G | |
| | 11- 8 | 28,92 G | |
| | 11- 9 | 28,97 G | |
| 53 | 3-23 | 28,97 G | |
| | 3-26 | 29,05 G | |
| | 3-27 | 28,91 G | |
| | 3-28 | 29,04 G | |
| | 4- 8 | 29,02 G | |
| | 4-14 | 28,95 G | |
| | 4-26 | 29,10 G | |
| | 4-30 | 28,78 G | |
| | 5- 1 | 28,95 G | |
| | 5- 5 | 28,99 G | |
| | 5-14 | 29,06 G | |
| | 11- 4 | 29,00 G | |

### 25712 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $19^h 8^m$ | 51°5′ |
| 59 | 9- 8 | $59^s,42$ G | |
| | | III. | |
| | | $19^h 9^m$ | 51°4′ |
| 69 | 7-21 | $30^s,26$ M | 5″,1 M |
| 76 | 7-21 | 30,08 M | 2,7 M |
| | 8-10 | 30,05 M | 3,7 M |
| 80 | 6-23 | 30,27 G | |

[1] 𝒜 augmentée de $1^s,17$ : erreur de moy.

### 25713 P. — 36169 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $19^h 8^m$ | 101°48′ |
| 54 | 8-28 | $40^s,11$ G | |
| 58 | 10- 6 | | 40″,5 G |
| 59 | 7-11 | | 40,1 G |
| | 7-23 | 40,32 G | 39,1 G |
| | | III. | |
| | | $19^h 9^m$ | 101°47′ |
| 70 | 7-14 | $30^s,55$ M | 9″,8 M |

### 25714 P. — 36152 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $19^h 8^m$ | 111°44′ |
| 55 | 8-30 | $37^s,10$ G | |
| 57 | 6-29[1] | 37,20 G | 21″,0 G |

[1] 𝒫 diminuée de 40″ : err. de 40″ dans l'un des 2 microscopes lus. L'observateur, pour obtenir l'accord, avait augmenté de 40″ celui qui était exact, et rapporté l'observation à 36196 L.

### 25715 P. — 19385 $Mn_1$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $19^h 8^m$ | 90°42′ |
| 54 | 8-25[1] | $43^s,73$ G | |
| | 8-27[1] | 43,58 G | |

[1] Désignée à tort 36162 L au t. XI (dist. des fils). Le cahier porte d'ailleurs à la date du 27 août $* \ h = 40° 24'$.

### 25716 P. — 36200 et 03 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $19^h 8^m$ | 75°9′ |
| 56 | 7-24 | $51^s,19$ G | 26″,9 G |
| | 8-13 | 51,06 G | |
| 59 | 7-28 | 51,38 G | 29,3 G |
| 61 | 7-18 | 51,12 G | |

### 25717 P. — 36154 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $19^h 7^m$ | 112°12′ |
| 44 | 6- 3 | $45^s,70$ G | |
| | | II. | |
| | | $19^h 8^m$ | 112°11′ |
| 55 | 7-20 | $39^s,39$ G | |
| 62 | 9-12 | 39,59 G | 26″,7 G |

### 25718 P. — 251 $W_2$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $19^h 8^m$ | 70°2′ |
| 58 | 9-25 | | 16″,3 G |

### 25719 P. — 195 $W_1$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $19^h 8^m$ | 80°29′ |
| 40 | 7-29 | $11^s,29$ G | |

### 25720 P. — 36207-08 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $19^h 8^m$ | 75°10′ |
| 44 | 9-10 | | 55″,2 G |
| | | II. | |
| | | $19^h 8^m$ | 75°9′ |
| 56 | 7-24 | $57^s,18$ G | |
| | 8-13 | 57,26 G | 25″,9 G |
| | 9- 3 | | 25,9 G |
| 59 | 7-28 | 57,54 G | |
| 60 | 7-15 | 57,28 G | |
| 61 | 7-18 | 57,34 G | |
| | | III. | |
| | | $19^h 9^m$ | 75°7′ |
| 80 | 7-10 | $38^s,25$ M | 57″,2 M |

### 25721 P. — 9742 Cambridge.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $19^h 9^m$ | 60°29′ |
| 57 | 7-14 | $3^s,91$ G | |

### 25722 P. — 36234 L (la 1re).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $19^h 9^m$ | 61°19′ |
| 81 | 7-17 | $39^s,74$ J | 4″,5 J |

### 25723 P. — 36164 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $19^h 8^m$ | 111°59′ |
| 55 | 7- 7 | $47^s,88$ G | |
| 61 | 8-27 | 47,75 G | 46″,1 G |

### 25724 P. — 36204 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $19^h 8^m$ | 78°40′ |
| 57 | 7-13[1] | $58^s,98$ G | |
| 61 | 7-19 | 58,99 G | |
| | 8-16 | 59,16 G | |
| 63 | 6-30 | 59,29 M | 48″,9 M |
| | 7- 2 | 58,88 M | 50,2 M |
| | 8-12 | 58,92 M | 49,8 M |

### 25724 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $19^h 9^m$ | 78°39′ |
| 68 | 8-10 | $41^s,35$ M | 21″,2 M |
| | 8-18 | 41,48 M | 21,5 M |
| | 8-22 | 41,41 M | 20,5 M |

[1] Erreur dans la déclinaison approchée inscrites au t. XIII. L'étoile est observée sur le même parallèle que ω Aigle. 𝒜 diminuée de $1^m$.

### 25725 P. — 36275 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $19^h 9^m$ | 46°13′ |
| 80 | 8-11 | | 32″,7 G |
| | 9- 2[1] | $41^s,59$ G | 34,5 G |

[1] 𝒜 augmentée de $0^s,20$ : err. de moy

### 25726 P. — 3254 A + 28°.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $19^h 9^m$ | 61°2′ |
| 59 | 8-22 | $6^s,34$ G | |

### 25727 P. — 36230 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $19^h 9^m$ | 63°29′ |
| 70 | 7-29 | $42^s,22$ G | 7″,9 G |
| 81 | 7-13 | 42,25 M | 8,8 M |

### 25728 P. — 2942 Carrington.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $19^h 33^m$ | 1°27′ |
| 38 | 10- 3 | $18^s,02$ M | 26″,1 F |

### 25729 P. — 36188 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $19^h 8^m$ | 92°54′ |
| 55 | 8-13 | $56^s,95$ G | |
| 58 | 9-26 | 56,89 G | 32″,1 G |
| | | III. | |
| | | $19^h 9^m$ | 92°53′ |
| 69 | 8- 6 | $44^s,14$ M | 2″,7 M |

### 25730 P. — 36274 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $19^h 9^m$ | 48°28′ |
| 80 | 9- 5 | $48^s,53$ G | 16″,4 G |

### 25731 P. — 32 Piazzi.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $19^h 8^m$ | 111°20′ |
| 40 | 8-29 | $2^s,27$ G | |

**25732 P. — 36263-64 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 9m | 55° 40' |
| 67 | 8-10 | 20s,54 G | 43",1 G |
| | | III. | |
| | | 19h 9m | 55° 39' |
| 81 | 8-22 | 53s,44 J | 14",2 J |

**25733 P. — 4237 R₁.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h 9m | 32° 36' |
| 40 | 7-14 | 20s,87 G | |

**25734 P. — 36232 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h 8m | 69° 2' |
| 39 | 7-16 | 36s,65 G | |
| | 7-31 | 36,66 G | |
| | 8- 1 | 36,67 G | |
| | 8-21 | 36,63 G | |
| | 9- 6 | | 3",8 F |
| | 9-28 | 36,78 G | |
| 40 | 7-27 | 36,59 G | |
| 46 | 7- 7[1] | 36,64 G | |
| | 7- 9 | 36,48 G | |
| | 7-11 | 36,83 G | |
| | 7-20 | | 5,9 G |
| | 8-17 | 36,82 G | |
| | 8-18 | 36,62 G | |
| | 8-24 | 36,53 G | |
| | 9-11 | 36,72 G | |
| | 9-30 | 36,66 G | |
| | 10- 1 | 36,61 G | |
| 47 | 8-27 | 36,76 G | 5,0 F |
| | 8-28 | 36,72 G | |
| | 9-19 | | 6,1 G |
| 48 | 6-23 | 36,65 G | |
| 51 | 8-19 | 36,62 G | |
| | | II. | |
| | | 19h 9m | 69° 0' |
| 58 | 9-14 | 15s,29 G | 36",1 G |
| | | III. | |
| | | 19h 9m | 68° 59' |
| 79 | 8- 9 | 54s,09 G | 5",6 G |
| | 8-16 | 54,18 G | |
| 80 | 7-27 | 54,26 G | 2,4 G |
| | 8-31 | 54,23 M | 5,9 M |

[1] 𝒜 augmentée de 1m.

**25735 P. — 36185 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h 8m | 101° 14' |
| 41 | 8-14 | 15s,62 G | |
| | 8-18 | 15,59 G | |
| | 8-27 | 15,63 G | |
| | 8-28 | | 27",1 F |
| | 8-30 | 15,49 G | 28,1 F |
| | 9- 1 | 15,67 G | |
| | 9-11 | 15,50 G | 28,6 F |
| | 9-19 | 15,46 G | |

**25735 P. (suite).**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 9m | 101° 12' |
| 54 | 9- 9 | 5s,48 G | |
| 57 | 7-20 | | 56",5 G |
| | 9-27 | 5,63 G | 55,9 G |

**25736 P. — 36257 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h 9m | 62° 15' |
| 70 | 7-23 | 58s,73 G | 20",2 G |
| 73 | 8- 4 | 58,41 G | |
| 74 | 7-18 | 58,49 M | 19,5 M |

**25737 P. — 434 Cordoba.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 9m | 117° 48' |
| 58 | 8-19 | | 23",8 G |

**25738 P. — 36182 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 9m | 106° 17' |
| 54 | 8-29 | 9s,62 G | |
| 58 | 7-11 | 9,61 G | 45",0 G |
| | 9- 9 | 9,49 G | |

**25739 P. — 36237 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 9m | 71° 43' |
| 57 | 8-13 | | 35",8 G |
| 58 | 7-25 | 22s,47 G | 34,4 G |
| 59 | 8-28 | 22,32 G | 35,2 G |

**25740 P. — 36266 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h 10m | 58° 21' |
| 81 | 7-11 | 3s,96 J | 23",8 J |
| | 8- 2 | 3,95 J | 23,6 J |

**25741 P. — 205 W₁.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 9m | 81° 37' |
| 63 | 7-18 | 21s,18 M | 14",0 M |

**25742 P. — 36235 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 9m | 75° 1' |
| 58 | 7- 7 | | 12",9 G |
| 59 | 7-17 | 25s,71 G | |
| | | III. | |
| | | 19h 10m | 74° 59' |
| 71 | 7-28 | 6s,72 G | |
| 75 | 7-29 | 6,77 G | 42",1 G |
| | 8- 9 | 6,78 G | 41,3 G |

**25743 P. — 36221 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 9m | 80° 54' |
| 56 | 8-26 | 25s,24 G | |
| 57 | 8-18 | 25,30 G | |
| | 8-20 | 25,25 G | 56",8 G |
| | 8-21 | 25,32 G | 55,4 G |
| 58 | 7-13 | 25,38 G | 56,8 G |
| 59 | 6-14 | 25,33 G | |
| | 7-21 | 25,38 G | |
| | | III. | |
| | | 19h 10m | 80° 53' |
| 72 | 7-11 | 8s,25 M | 26",3 M |
| 74 | 7-31 | 8,28 M | 26,3 M |
| 76 | 8- 4 | 8,29 M | 26,1 M |
| | 8-12 | 8,32 M | 25,7 M |

**25744 P. — 285 W₂.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h 10m | 50° 33' |
| 81 | 7-29 | 12s,40 J | 44",6 J |

**25745 P. — 36189 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 9m | 106° 19' |
| 54 | 9-11 | 21s,90 G | |
| 58 | 7-11[1] | 22,53 G | |
| | 9- 9 | 21,96 G | |
| | | III. | |
| | | 19h 10m | 106° 17' |
| 81 | 8-18 | 13s,37 M | 34",8 M |

[1] 𝒜 augmentée de 0s,10 : erreur de moy.; non comprise dans la moyenne.

**25746 P. — 207 W₁.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h 10m | 83° 36' |
| 72 | 7-20 | 15s,40 M | 54",6 M |

**25747 P. — 9753 Cambridge.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 9m | 63° 52' |
| 59 | 7-16 | 39s,42 G | |

**25748 P. — 36291 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h 10m | 48° 54' |
| 80 | 7-19 | 16s,94 M | 35",2 M |

**25749 P. — 36190-91 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h 8m | 109° 13' |
| 37 | 8-25 | 33s,80 G | 22",5 F |
| | 9-20 | 33,79 G | 23,2 F |
| 38 | 8-30 | 33,88 G | 22,6 F |
| | 8-31 | 33,74 G | |
| | 9-11 | 33,87 G | |
| | 10- 4 | 33,72 G | |
| | 10- 9 | 33,62 G | |
| 39 | 8-19 | 33,95 G | |
| | 9- 4 | 33,92 G | |
| 40 | 8- 8 | 33,75 G | |
| | 8- 9 | 33,77 G | |
| | 9-21 | 33,61 G | |
| 41 | 7- 3 | 33,84 G | |
| | 7-26 | | 25,1 F |
| | 8-19 | 33,35 G | |
| | 8-20 | 33,80 G | |
| 43 | 7- 8 | 33,86 G | |
| | 7-23 | 33,75 G | |
| | 7-25 | | 23,3 F |
| | 7-26 | 33,87 G | 21,6 F |
| 45 | 8- 9 | | 24,0 G |
| 46 | 8- 3 | 33,88 G | |
| | 8-10 | 33,72 G | |
| | 8-11 | | 22,8 G |
| | 9-29 | 33,80 G | |
| 47 | 5- 4 | 33,79 G | |
| 48 | 9- 8 | 33,47 G | |
| | 10- 6 | 33,72 G | 23,4 G |
| 49 | 7-13 | 33,75 G | |
| | 9-25 | 33,79 G | |
| 53 | 9-24 | 33,71 G | |
| | 9-25 | 33,60 G | |
| | | II. | |
| | | 19h 9m | 109° 11' |
| 54 | 8-20 | 26s,63 G | |
| | 9-19 | 26,50 G | 56",1 G |
| 60 | 9- 1 | | 54,7 G |
| 63 | 7-29 | 26,45 M | 54,7 M |
| 64 | 11- 4 | 26,47 M | 54,0 M |
| 66 | 7-25 | | 54,2 M |
| | | III. | |
| | | 19h 10m | 109° 10' |
| 68 | 7-31 | 18s,93 M | 22",7 M |
| | 7-31 | 19,17 G | |
| | 8- 1 | 19,22 G | |
| 81 | 7-10 | 19,15 M | 22,2 M |
| | 7-10 | 19,26 G | 22,6 G |
| | 7-11 | 19,05 M | 24,6 M |
| | 7-11 | 19,13 G | 23,5 G |
| | 10- 1 | 19,20 G | 24,3 G |

**25750 P. — 36210-11 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 9m | 94° 53' |
| 55 | 8-21 | | 54",8 G |
| 56 | 8- 1 | 32s,10 G | 55,4 G |
| 57 | 7-10 | | 56,1 G |
| | 8-11 | 31,90 G | 55,0 G |
| | 8-24 | 31,97 G | 55,0 G |
| | | III. | |
| | | 19h 10m | 94° 52' |
| 81 | 7-12 | 19s,59 M | 24",5 M |

Dates 1800+ — Positions moyennes pour les époques du Catal.

**25751 P. — 36225-26 L.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 19h8m | 85°26' |
| 39 | 7- 1 | 50s,75 G | |
| | 7- 3 | 50,73 G | |
| | 7-27 | 50,77 G | |
| | 7-28 | 50,70 G | 1",4 F |
| | 7-30 | 50,70 G | 2,8 F |
| 40 | 8-12 | 50,84 G | |
| | 8-14 | 50,78 G | |
| 45 | 8-23 | 50,71 G | |
| 46 | 7-12 | 50,72 G | |
| | 7-28 | 50,71 G | |
| | 8-25 | 50,75 G | |
| | 9- 2 | 50,67 G | |
| 47 | 8- 4 | 50,61 G | |
| 48 | 7- 5 | 50,63 G | |
| | 7- 6 | 50,71 G | |
| | 7- 7 | 50,85 G | |
| 52 | 8- 5 | 50,81 G | |
| | 8- 6 | 50,63 G | |
| | II. | 19h9m | 85°24' |
| 56 | 7-14 | 35s,37 G | |
| | 9- 6 | 35,06 G | |
| | III. | 19h10m | 85°22' |
| 71 | 8-10 | 19s,71 M | 59",9 M |
| | 8-11 | 19,80 M | 61,6 M |

**25752 P. — 2795 Gr.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 19h9m | 49°48' |
| 40 | 8-27 | 20s,91 G | |
| | 8-28 | 21,06 G | |
| | 8-29 | | 42",0 F |
| 43 | 8-14 | 21,11 G | |

**25753 P. — 8391 YF.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 19h8m | 108°11' |
| 45 | 7-19 | 36s,76 G | |
| | 7-21 | 36,78 G | |

**25754 P. — 36202 L.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h9m | 104°44' |
| 55 | 7-13 | 31s,63 G | |
| 58 | 9-12 | | 48",4 G |

**25755 P. — 36187 L.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h9m | 115°19' |
| 55 | 7- 3 | 28s,37 G | |

**25756 P. — 36318 L.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h10m | 41°53' |
| 67 | 9- 6 | 2s,45 M | 27",2 M |
| | 9-10 | 2,41 M | 29,1 M |

**25757 P. — 36241 L.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 19h9m | 83°40' |
| 40 | 8- 4 | | 20",6 F |
| | II. | 19h9m | 83°38' |
| 58 | 9- 6 | 44s,40 G | 51",6 G |

**25758 P. — 36223 L.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h9m | 92°11' |
| 56 | 8- 3 | | 33",1 G |
| 57 | 7-11 | 41s,58 G | 30,7 G |
| | III. | 19h10m | 92°10' |
| 72 | 7-16 | | 0",0 M |
| 75 | 8-11 | 28s,30 G | 1,5 G |
| | 8-25 | 28,39 G | |

**25759 P. — 36267 L.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h9m | 69°56' |
| 58 | 7-26 | 49s,58 G | 23",4 G |
| | 8-16 | 49,60 G | 23,1 G |
| | 9-16 | 49,67 G | 22,6 G |
| 59 | 6-13 | 49,80 G | |

**25760 P. — 36205 L.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 19h8m | 106°14' |
| 46 | 8-26 | 46s,55 G | |
| | 8-29 | 46,55 G | |
| | II. | 19h9m | 106°12' |
| 54 | 9-20 | 37s,98 G | |
| 55 | 6-24 | 38,30 G | |
| 58 | 9-11 | | 45",1 G |
| 59 | 7-17 | | 46,2 G |
| | III. | 19h10m | 106°11' |
| 70 | 8-20 | 29s,84 M | 16",9 M |
| 78 | 8- 9 | 30,04 G | 16,6 G |
| | 8-16 | 29,82 G | 15,3 G |

**25761 P. — 36196 L.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h9m | 111°45' |
| 55 | 7-21 | 36s,09 G | |

**25762 P. — 36220 L.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h9m | 94°31' |
| 55 | 8- 9 | 43s,58 G | 29",1 G |
| 58 | 7-30 | 43,68 G | 30,8 G |

**25763 P. — 36282-83 L.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 19h9m | 59°44' |
| 37 | 6-25 | 23s,63 G | |
| 40 | 8- 1 | 23,44 G | 28",0 F |
| | 8- 3 | 23,52 G | |
| | 8- 4 | 23,72 G | |
| | 8- 5 | 23,62 G | |
| | II. | 19h9m | 59°42' |
| 66 | 7-20 | 58s,45 G | 57",2 G |
| 67 | 9- 6 | 58,50 G | 55,9 G |
| | III. | 19h10m | 59°41' |
| 68 | 8- 7 | 33s,33 G | |
| 76 | 8- 7 | 33,33 M | 25",6 M |

**25764 P. — 214 W1.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 19h9m | 93°38' |
| 49 | 8-31 | 1s,24 G | |

**25765 P. — 3969 A + 13°.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 19h9m | 76°10' |
| 43 | 8-26 | 17s,46 G | |
| | 8-27 | 17,34 G | |

**25766 P. — 36287 L.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 19h10m | 61°5' |
| 81 | 6-14 | 42s,04 J | 35",3 J |
| | 7-16 | 42,21 J | 35,3 J |
| | 8- 8 | 41,87 J | 36,7 J |

**25767 P. — 36268 L.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h10m | 75°42' |
| 67 | 8- 5 | 2s,20 M | 1",0 M |
| | 8- 7 | 1,99 M | 0,3 M |
| | 8-12 | 1,99 M | 1,3 M |

**25768 P. — 36248 L.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h9m | 89°30' |
| 58 | 9- 5 | 58s,21 G | |
| 60 | 7-21 | 58,24 G | 12",7 G |
| | 8-26 | | 14,0 G |

**25769 P. — 36280 L.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h10m | 66°47' |
| 58 | 8- 6 | 9s,07 G | 47",1 G |
| | III. | 19h10m | 66°46' |
| 70 | 8- 6 | 46s,97 G | 15",6 G |

**25770 P. — 36256 L.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 19h9m | 89°46' |
| 39 | 8-24 | 16s,21 G | |
| | III. | 19h10m | 89°43' |
| 71 | 8-12 | 47s,97 M | 21",3 M |

**25771 P. — 36345 L.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 19h10m | 37°0' |
| 81 | 8- 2 | 48s,24 G | 12",1 G |
| | 8- 6 | 48,28 G | 9,6 G |

**25772 P. — 36269 L.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h10m | 78°35' |
| 61 | 6-12 | 6s,34 G | |

**25773 P. — 36279 L.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 19h9m | 68°52' |
| 38 | 9- 3 | 33s,39 G | |
| 40 | 8-31 | 33,31 G | |
| 41 | 8- 5 | 33,36 G | |
| | 8- 6 | 33,38 G | 45",4 F |
| 46 | 7-25 | 33,38 G | |
| | 8- 9 | 33,22 G | |
| | 9-13 | | 45,9 G |
| 47 | 10-27 | 33,18 G | |
| 49 | 7-16 | | 45,2 F |

**25774 P. — 36218-19 L.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 19h9m | 109°8' |
| 40 | 8- 9 | 6s,85 G | |
| | 9-21 | 6,82 G | |
| 41 | 8-19 | 6,98 G | |
| | 8-20 | 7,03 G | |
| | II. | 19h9m | 109°6' |
| 54 | 9- 3 | 59s,32 G | |
| 60 | 8-10 | 59,74 G | 40",1 G |
| | 8-16 | 59,63 G | 38,6 F |
| | 9- 1 | 59,57 G | 40,4 G |
| | III. | 19h10m | 109°5' |
| 70 | 8-17 | 52s,38 M | 7",3 M |

**25775 P. — 19483 Mn1.**

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h10m | 85°32' |
| 59 | 7- 8 | 8s,22 G | |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜, 𝒟)

**25776 P. — 36293-94 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h 10m | 62°47′ |
| 59 7-26 | 18s,50 G | |
| III. | 19h 10m | 62°45′ |
| 71 8-29 | 54s,66 M | 47″,4 M |
| 75 8-16 | 54,63 G | 47,4 G |
| 76 7-11 | 54,58 G | 46,8 G |

**25777 L. — 36228 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h 10m | 106°12′ |
| 54 9-27[1] | 4s,00 G | |
| 58 6-12 | | 11″,0 G |

[1] Indiquée à tort au t. XI comme 36218 L. (dist. des fils). Le Cahier porte d'ailleurs $h = 24° 59'$.

**25778 P. — 36278 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h 10m | 74°53′ |
| 58 6-3 | | 45″,4 G |
| 59 7-10 | 14s,96 G | |
| III. | 19h 10m | 74°52′ |
| 79 6-26 | 55s,85 G | |

**25779 P. — 220 $W_1$.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h 10m | 98°21′ |
| 59 7-24 | 7s,62 G | |

**25780 P. — 36270 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h 10m | 82°50′ |
| 56 7-3 | 12s,94 G | |
| 59 7-5 | 12,87 G | 44″,9 G |
| III. | 19h 10m | 82°49′ |
| 73 7-24 | 56s,60 M | 13″,2 M |

**25781 P. — 36292 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | 19h 10m | 65°26′ |
| 81 7-21 | 57s,73 J | 4″,2 J |

**25782 P. — 36298-99 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h 10m | 62°19′ |
| 58 8-8 | | 6″,8 G |

**25783 P. — 36214 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h 10m | 116°19′ |
| 55 7-30 | 4s,52 G | |
| 7-31 | 4,52 G | 21″,2 G |
| 57 8-12[1] | 5,50 G | 21,2 G |

[1] 𝒜 non comprise dans la moy. : erreur probable de 1s.

**25784 P. — 36302 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | 19h 11m | 63°21′ |
| 73 7-18 | 4s,14 G | 0″,3 G |
| 75 8-11 | 4,08 M | 1,2 M |
| 76 8-9 | 3,88 M | 3,4 M |

**25785 P. — 36277 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h 10m | 80°54′ |
| 57 7-19 | 21s,63 G | 25″,6 G |
| III. | 19h 11m | 80°52′ |
| 71 8-8 | 4s,72 M | 56″,8 M |

**25786 P. — 36427 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h 11m | 23°13′ |
| 65 8-3[1] | | 19″,1 M |

[1] 𝒟 diminuée de 1′ : erreur de moy.

**25787 P. — 36355 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | 19h 10m | 50°9′ |
| 40 9-29 | 5s,87 G | |
| 9-30 | 5,72 G | |
| III. | 19h 11m | 50°6′ |
| 80 8-31 | 6s,02 J | 15″,4 J |

**25788 P. — 36258 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | 19h 11m | 99°54′ |
| 74 7-21 | 9s,00 G | 33″,9 G |
| 7-27 | 9,09 G | |
| 8-21 | 9,00 G | 32,0 G |

**25789 P. — 36311-12 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h 10m | 59°0′ |
| 67 7-30 | 34s,62 G | 12″,3 G |
| III. | 19h 11m | 58°58′ |
| 79 8-11 | 9s,25 G | 39″,4 G |

**25790 P. — 230 $W_1$.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h 10m | 88°11′ |
| 57 8-6 | 24s,89 G | |
| 58 7-2 | 24,89 G | |

**25791 P. — 36192 et 239 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | 19h 9m | 108°58′ |
| 41 7-18 | 26s,35 G | |
| 43 5-16 | 26,60 G | |
| II. | 19h 10m | 108°56′ |
| 56 6-26 | | 45″,8 G |
| III. | 19h 11m | 108°55′ |
| 68 7-18 | 11s,45 M | 12″,6 M |
| 70 8-18 | 11,48 M | 13,5 M |

**25792 P. — 36261 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h 10m | 101°41′ |
| 54 9-2 | 24s,57 G | |
| 58 10-6 | | 43″,5 G |

**25793 P. — 36300 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h 10m | 71°16′ |
| 57 7-15 | | 0″,6 G |
| 67 8-24 | 38s,77 M | 4,6 M |
| III. | 19h 11m | 71°14′ |
| 71 7-31 | 18s,31 G | |

**25794 P. — 36304 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h 10m | 71°25′ |
| 56 8-14 | 43s,92 G | |

**25795 P. — 36252 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | 19h 9m | 112°22′ |
| 45 8-2 | 37s,63 G | |
| II. | 19h 10m | 112°21′ |
| 60 9-12 | 31s,47 G | 14″,3 G |
| III. | 19h 11m | 112°19′ |
| 79 8-2 | 25s,40 J | 40″,4 J |

**25796 P. — 36306 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | 19h 11m | 69°39′ |
| 74 8-13 | 27s,43 G | |

**25797 P. — 36285 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h 10m | 88°12′ |
| 57 8-6 | 43s,91 G | 54″,8 G |
| 58 7-2 | 43,55 G | 54,8 G |
| 8-1 | 43,89 G | 55,5 G |

**25798 P. — 36281 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h 10m | 91°11′ |
| 55 8-17 | | 29″,7 G |
| 56 6-28 | 43s,65 G | 28,1 G |
| III. | 19h 11m | 91°9′ |
| 78 7-30 | 29s,99 G | 58″,5 G |

**25799 P. — 36290 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | 19h 10m | 85°18′ |
| 48 7-5 | 1s,25 G | |
| II. | 19h 10m | 85°16′ |
| 58 9-28 | 45s,92 G | |
| 10-3 | | 41″,1 G |
| III. | 19h 11m | 85°15′ |
| 71 8-9 | 30s,31 M | 9″,4 M |

**25800 P. — 19539 $Mn_1$.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II | 19h 10m | 119°16′ |
| 58 8-19 | 37s,90 G | |

**25801 P. — 36346 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | 19h 10m | 49°54′ |
| 40 8-31 | | 33″,1 F |

**25802 P. — 36286 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h 10m | 91°15′ |
| 56 6-28 | 48s,49 G | |

**25803 P. — 36271 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h 10m | 104°47′ |
| 54 9-6 | 44s,14 G | |
| 57 9-5 | | 18″,9 G |
| III. | 19h 11m | 104°45′ |
| 79 8-12 | 35s,30 J | 47″,5 J |

Dates 1800+ — Positions moyennes pour les époques du Catal.

### 25804 P. — 36615 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | $19^h12^m$ | 12°48′ |
| 52 | 12-26I | $52^s,79$ G | |

### 25805 P. — 54 Dragon.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | $19^h11^m$ | 32°33′ |
| 37 | 6-26 | $9^s,10$ G | 37″,0 F |
| 43 | 10-21 | 8,95 G | |
| 46 | 2-26I | 8,76 G | |
| | 7-28 | 8,94 G | |

### 25806 P. — 36363 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | $19^h11^m$ | 44°53′ |
| 81 | 8- 5 | $41^s,53$ G | 0″,4 G |

### 25807 P. — 36303 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | $19^h11^m$ | 82°51′ |
| 74 | 7-30 | $42^s,80$ M | 9″,4 M |
| 75 | 7-12 | 42,59 G | 9,0 G |
| | 7-27 | | 7,7 G |
| | 7-31 | 42,77 G | 9,6 G |

### 25808 P. — 50 Piazzi.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | $19^h10^m$ | 105°48′ |
| 39 | 7-10 | $9^s,76$ G | |
| | 7-31 | 9,74 G | |
| | 8- 1 | 9,82 G | |
| | 9- 6 | | 1″,6 F |
| 41 | 8-27 | 9,72 G | |
| | 8-28 | | 1,5 F |
| | 8-30 | 9,53 G | 3,1 F |
| | 9- 1 | 9,83 G | |
| | 9-11 | 9,72 G | 3,2 F |
| | 9-13 | 9,67 G | |
| | 9-18 | 9,84 G | |

### 25809 P. — 36342-43 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $19^h11^m$ | 59°6′ |
| 59 | 8-10 | $19^s,74$ G | |
| 67 | 8-12 | 20,11 G | 27″,2 G |
| | III. | $19^h11^m$ | 59°4′ |
| 79 | 7-29 | $54^s,70$ G | 53″,1 G |

### 25810 P. — 36319 L.

25 ω Aigle.

Étoile fondamentale.

### 25811 P. — 36334 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | $19^h11^m$ | 63°24′ |
| 70 | 7-29 | $57^s,27$ G | 28″,3 G |
| 73 | 8- 4 | 57,14 G | |
| 75 | 8- 9 | 57,13 M | 28,2 M |
| 76 | 8-16 | 57,21 M | 28,6 M |

### 25812 P. — 36284 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | $19^h10^m$ | 106°11′ |
| 46 | 8-12 | | 6″,5 G |
| | 8-26 | $16^s,71$ G | 5,0 G |
| 47 | 6-28 | 16,72 G | |
| | 8-26 | 16,63 G | |
| 48 | 7-12 | 16,66 G | |
| | 7-14 | | 4,1 F |
| | 8-13 | | 3,8 G |
| | 10- 5 | 16,65 G | |
| | 10-15 | 16,60 G | |
| 49 | 7- 6 | | 1,8 G |

### 25813 P. — 36361-62 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | $19^h10^m$ | 52°8′ |
| 37 | 6-19 | $59^s,50$ G | 20″,6 F |
| | 6-21 | 59,36 G | |
| | 6-22 | 59,35 G | 19,0 F |
| | 6-23 | 59,32 G | |
| | 7- 3 | 59,25 G | |
| | 7-24 | 59,18 G | |
| | 7-29 | 59,27 G | |
| | 8- 7 | 59,46 G | |
| | 8- 8 | 59,24 G | |
| | 8-11 | 59,39 G | 19,8 F |
| | 8-13 | 59,21 G | |
| | 8-27 | 59,31 G | |
| 38 | 10- 4 | 59,25 G | |
| 39 | 9-18 | 59,12 G | |
| 41 | 8- 9 | | 19,8 F |
| | II. | $19^h11^m$ | 52°6′ |
| 67 | 8-13 | $30^s,51$ G | 48″,0 G |

### 25814 P. — 36386, 88 et 89 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | $19^h11^m$ | 40°12′ |
| 41 | 6-30[1] | | 0″,6 F |
| | III. | $19^h12^m$ | 40°8′ |
| 81 | 7-19 | $3^s,71$ G | 56″,1 G |

[1] Observation faite près du zénith sans indication de la position de l'observateur. On n'a pas tenu compte de la valeur de l'équation personnelle dans le calcul de la distance polaire.

### 25815 P. — 36296 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $19^h11^m$ | 101°10′ |
| 54 | 9-18 | $13^s,93$ G | |
| 57 | 9- 9 | | 51″,1 G |

### 25816 P. — 36305 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $19^h11^m$ | 96°1′ |
| 55 | 9-27 | | 23″,5 G |
| 56 | 7-26 | $18^s,61$ G | 18,2 G |
| | III. | $19^h12^m$ | 95°59′ |
| 74 | 8-22 | $6^s,55$ G | 48″,7 G |

### 25817 P. — 36313 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | $19^h10^m$ | 89°51′ |
| 39 | 9- 4 | $35^s,74$ G | |
| 44 | 7- 2 | 35,80 G | |
| 46 | 7-12 | 35,30 G | 13″,9 G |
| | II. | $19^h11^m$ | 89°49′ |
| 57 | 5-27 | | 41″,4 G |
| 60 | 7-24 | $21^s,59$ G | 42,0 G |
| | III. | $19^h12^m$ | 89°48′ |
| 79 | 9- 2 | $7^s,72$ J | 8″,5 J |

### 25818 P. — 36320 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $19^h11^m$ | 85°21′ |
| 56 | 7-14 | $25^s,51$ G | |
| 58 | 10- 5 | | 48″,4 G |

### 25819 P. — 36336 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $19^h11^m$ | 68°26′ |
| 59 | 9- 1 | $31^s,76$ G | 4″,9 G |

### 25820 P. — 36316-17 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | $19^h10^m$ | 89°11′ |
| 39 | 7- 1 | $39^s,20$ G | |
| | 7- 3 | 39,36 G | |
| | 7-16 | 39,32 G | |
| | 7-28 | 39,25 G | 30″,2 F |
| | 7-30 | 39,31 G | 31,8 F |
| | 8-21[1] | 39,16 G | |
| 47 | 8- 4 | 39,11 G | |
| 48 | 10- 3 | 39,32 G | |
| 49 | 7-22 | 39,25 G | |
| 50 | 7-10 | | 29,6 G |
| 52 | 6- 4 | 39,23 G | |
| | II. | $19^h11^m$ | 89°9′ |
| 55 | 10-19 | $25^s,09$ G | |
| 56 | 9-27 | | 57″,1 G |
| | III. | $19^h12^m$ | 89°8′ |
| 79 | 8- 9 | $10^s,82$ J | 25″,6 J |

[1] 𝒜 diminuée de $1^m$.

### 25821 P. — 36322-23 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | $19^h10^m$ | 85°8′ |
| 40 | 8-12 | $43^s,44$ G | |
| | 8-14 | 43,41 G | |
| | II. | $19^h11^m$ | 85°7′ |
| 57 | 8-22 | | 11″,4 G |
| 60 | 8- 4 | $27^s,72$ G | 10,4 G |
| | III. | $19^h12^m$ | 85°5′ |
| 71 | 8-11 | $12^s,60$ M | 38″,6 M |

### 25822 P. — 36288 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $19^h11^m$ | 112°26′ |
| 55 | 8-11 | $21^s,11$ G | |

### 25823 P. — 36314-15 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | $19^h12^m$ | 94°0′ |
| 78 | 7-29 | $18^s,60$ G | 0″,9 G |

### 25824 P. — 36357-58 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | $19^h11^m$ | 61°29′ |
| 40 | 8-15 | $7^s,65$ G | |
| | 8-16 | 7,66 G | |
| 41 | 7-15 | 7,70 G | |
| | 7-16 | 7,60 G | 15″,1 F |

### 25825 P. — 267 $W_1$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | $19^h10^m$ | 78°40′ |
| 40 | 7-15 | | 48″,1 F |
| | II. | $19^h11^m$ | 78°39′ |
| 60 | 9-11 | $37^s,06$ G | |
| 61 | 9- 5 | 36,74 G | |

### 25826 P. — 36341 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $19^h11^m$ | 71°24′ |
| 56 | 8-30 | $39^s,59$ G | 3″,5 G |
| | III. | $19^h12^m$ | 71°22′ |
| 71 | 8- 1 | $19^s,36$ G | |

### 25827 P. — 36347 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | $19^h12^m$ | 67°46′ |
| 81 | 8- 5 | $20^s,66$ J | 56″,3 J |

**25828 P. — 36352-53 L.**

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜 | 𝒫 |
|---|---|---|
| | I. 19h 11m | 67° 15′ |
| 40 8- 5 | 10s,29 G | |
| | II. 19h 11m | 67° 13′ |
| 58 9-14 | 48s,17 G | 26″,1 G |

**25829 P. — 36326 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | I. 19h 10m | 89° 56′ |
| 39 9- 6 | | 18″,8 F |
| 9-10 | 55s,15 G | |
| 41 9- 8 | 55,26 G | |
| 52 8-25 | 55,02 G | |
| | II. 19h 11m | 89° 54′ |
| 55 8-13 | 41s,17 G | |
| 56 8-23 | | 46″,1 G |
| | III. 19h 12m | 89° 53′ |
| 74 7-31 | 27s,19 M | 12″,7 M |
| 8- 6 | 27,17 M | 9,5 M |

**25830 P. — 36408 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | III. 19h 12m | 41° 2′ |
| 80 8- 9 | 27s,45 G | 26″,6 G |

**25831 P. — 36307 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | I. 19h 10m | 104° 25′ |
| 40 9-12 | 46s,72 G | |
| 41 8-14 | 46,90 G | |
| 8-18 | 46,82 G | |
| | II. 19h 11m | 104° 24′ |
| 54 9- 5 | 37s,71 G | |
| 57 9-27 | 37,53 G | 17″,3 G |

**25832 P. — 36351 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. 19h 11m | 70° 3′ |
| 58 7- 7 | | 24″,8 G |

**25833 P. — 36510 L.**

57 δ Dragon.

Étoile fondamentale.

**25834 P. — 19606 Mn1.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. 19h 11m | 85° 24′ |
| 59 7- 8 | 52s,58 G | |

**25835 P. — 36348 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. 19h 11m | 75° 46′ |
| 57 6- 2 | | 40″,3 G |
| 61 7-15 | 57s,76 G | 40,5 G |
| 67 8- 5 | 57,73 M | 42,8 M |
| 8-12 | 57,67 M | 41,2 M |

**25836 P. — 36308 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | I. 19h 10m | 109° 38′ |
| 40 8- 9 | 53s,44 G | |
| | II. 19h 11m | 109° 37′ |
| 59 7-17 | | 11″,4 G |
| 7-23 | | 10,3 G |
| 61 8- 5 | 46s,25 G | |
| 62 9-12 | 46,33 G | 11,4 G |

**25837 P. — 36332 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. 19h 11m | 95° 51′ |
| 58 9-26 [1] | 55s,78 G | 59″,3 G |
| | III. 19h 12m | 95° 50′ |
| 69 7-26 | 43s,88 M | 27″,4 M |
| 75 7-29 | 43,91 G | 28,0 G |
| 8-25 | 43,91 G | |

[1] 𝒫 augmentée de 1′ : err. de réduction.

**25838 P. — 7298 Rümker.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. 19h 12m | 65° 50′ |
| 59 8-22 | 7s,99 G | |

**25839 P. — 36329 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. 19h 11m | 101° 37′ |
| 54 9- 9 | 59s,14 G | |
| 58 9-12 | | 10″,2 G |

**25840 P. — 19622 Mn1.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. 19h 12m | 85° 20′ |
| 59 7- 8 | 7s,03 G | |

**25841 P. — 36402 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. 19h 12m | 51° 13′ |
| 67 8-10 | | 18″,0 G |

**25842 P. — 36364 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. 19h 12m | 73° 33′ |
| 59 7-17 | 13s,90 G | |

**25843 P. — 36356 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | I. 19h 11m | 80° 39′ |
| 40 8- 4 [1] | | 29″,9 F |
| | II. 19h 12m | 80° 37′ |
| 56 5-23 | | 57″,2 G |
| 6-30 | 12s,05 G | |
| 57 9-19 | 11,94 G | |
| 58 9-13 | 12,03 G | 57,8 G |

[1] 𝒫 augmentée de 3′.

**25844 P. — 7300 Rümker.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. 19h 12m | 73° 30′ |
| 59 7-17 | 15s,97 G | |

**25845 P. — 36338 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. 19h 12m | 95° 7′ |
| 57 7-10 | | 21″,2 G |
| 58 7-30 | | 21,1 G |
| | III. 19h 12m | 95° 5′ |
| 74 7-21 | 56s,47 G | 48″,8 G |
| 8-21 | 56,57 G | 47,8 G |
| 76 8- 1 | 56,41 M | 47,9 M |
| 8- 4 | 56,51 M | 48,3 M |

**25846 P. — 279 W1.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | I. 19h 11m | 79° 22′ |
| 40 7-29 | 32s,81 G | |

**25847 P. — 36371-72 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. 19h 12m | 65° 50′ |
| 58 8- 8 | | 31″,9 G |
| 59 8-22 | 20s,85 G | 32,0 G |
| | III. 19h 12m | 65° 48′ |
| 70 8- 6 | 58s,29 G | 55″,4 G |

**25848 P. — 36412-13 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. 19h 12m | 48° 59′ |
| 67 8- 2 | 33s,40 M | 5″,4 M |

**25849 P. — 36333 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. 19h 12m | 104° 42′ |
| 54 9-10 | 11s,75 G | 25″,2 G |
| | III. 19h 13m | 104° 40′ |
| 81 7-12 | 2s,70 M | 49″,3 M |

**25850 P. — 36409 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. 19h 12m | 51° 7′ |
| 67 8-10 | 32s,96 G | |
| 9- 6 | 32,91 G | 41″,9 G |
| | III. 19h 13m | 51° 6′ |
| 68 8- 7 | 3s,69 G | |
| 75 8- 9 | 3,68 G | 8″,5 G |

**25851 P. — 36325 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. 19h 12m | 114° 27′ |
| 55 7- 3 | 10s,81 G | |

**25852 P. — 19400 A.O.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | III. 19h 13m | 109° 5′ |
| 70 8-17 | 7s,58 M | 30″,5 M |

**25853 P. — 36369 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | III. 19h 13m | 73° 44′ |
| 71 8- 9 | 7s,76 G | 15″,5 G |
| 76 7-21 | 7,86 M | 14,2 M |
| 8- 7 | 7,70 M | 14,4 M |
| 8-12 | 7,58 M | 14,3 M |

**25854 P. — 36366 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. 19h 12m | 80° 12′ |
| 56 7- 3 | 25s,82 G | |
| 7-15 | | 24″,9 G |
| 8-26 | 25,71 G | |
| 57 7-18 | 25,60 G | 24,6 G |

**25855 P. — 9803 Cambridge.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. 19h 12m | 64° 4′ |
| 58 8-30 | 31s,36 G | |
| 59 7-26 | 31,45 G | |

**25856 P. — 36327-28 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. 19h 12m | 112° 39′ |
| 55 7-12 | 14s,56 G | 33″,6 G |

### 25857 P. — 36400-01 L.

| Dates 1800+ A. | M. J. | Positions moyennes pour les époques du Catal. A. | P. |
|---|---|---|---|
| | | II. | |
| | | 19h 12m | 59° 13′ |
| 59 | 8-10 | 36s,76 G | |
| 66 | 7-21 | 36,56 G | 47″,0 G |
| | | III. | |
| | | 19h 13m | 59° 12′ |
| 69 | 7-22 | 11s,23 M | 14″,4 M |
| 75 | 8-11 | 11,22 G | 13,3 G |

### 25858 P. — 9806 Cambridge.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | II. | |
| | | 19h 12m | 64° 5′ |
| 58 | 8-30 | 36s,61 G | |
| 59 | 7-26 | 36,67 G | |

### 25859 P. — 36367-68 L.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | II. | |
| | | 19h 12m | 83° 6′ |
| 57 | 9-22 | 30s,95 G | |
| 58 | 9- 6 | 30,89 G | 37″,6 G |
| 59 | 7-21 | 31,05 G | |
| | | III. | |
| | | 19h 13m | 83° 5′ |
| 71 | 8- 7 | 14s,78 M | 1″,9 M |
| | 8- 8 | 14,85 M | 4,6 M |
| | 8-10 | 14,77 M | 3,7 M |
| 76 | 8-10 | 14,78 M | 2,5 M |

### 25860 P. — 36377 L.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | III. | |
| | | 19h 13m | 72° 8′ |
| 71 | 7-28 | 18s,43 G | |
| 75 | 8-16 | 18,48 G | 59″,2 G |

### 25861 P. — 36382 L.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | II. | |
| | | 19h 12m | 70° 38′ |
| 57 | 9- 8 | 40s,46 G | |
| 60 | 7-21 [1] | 40,59 G | 33″,1 G |
| | 9- 1 | | 34,0 G |

[1] P diminuée de 1′ : erreur de réduction.

### 25862 P. — 36398 L.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | II. | |
| | | 19h 12m | 64° 11′ |
| 58 | 8-30 | 43s,97 G | 39″,7 G |
| 59 | 7-26 | 44,14 G | |
| | | III. | |
| | | 19h 13m | 64° 10′ |
| 73 | 7-18 | 20s,77 G | 7″,8 G |
| 79 | 8-16 | 20,98 G | 6,9 G |

### 25863 P. — 36416 L.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | III. | |
| | | 19h 13m | 55° 27′ |
| 81 | 7-17 | 24s,87 J | 38″,2 J |

### 25864 P. — 19412 A O.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | I. | |
| | | 19h 11m | 112° 5′ |
| 44 | 6- 3 | 40s,00 G | |

### 25865 P. — 36359 L.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | II. | |
| | | 19h 12m | 100° 48′ |
| 54 | 8-25 | 40s,72 G | |
| 57 | 7-20 | | 53″,6 G |

### 25866 P. — 19413 A. O.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | I. | |
| | | 19h 11m | 113° 54′ |
| 51 | 8-19 | 42s,15 G | |

### 25867 P. — 36387 L.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | I. | |
| | | 19h 12m | 76° 6′ |
| 43 | 8-26 | 9s,71 G | |
| | 8-29 | 9,43 G | |
| | 8-30 | 9,48 G | |

### 25868 P. — 78 Piazzi.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | I. | |
| | | 19h 12m | 60° 19′ |
| 40 | 7-27 | 23s,03 G | |

### 25869 P. — 36421 L.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | III. | |
| | | 19h 13m | 56° 5′ |
| 81 | 8- 2 | 34s,75 J | 23″,3 J |

### 25870 P. — 36380 L.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | II. | |
| | | 19h 12m | 82° 27′ |
| 56 | 9- 6 | 54s,48 G | 34″,0 G |
| 59 | 7- 5 | 54,54 G | 34,0 G |

### 25871 P. — 36682 L.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | I. | |
| | | 19h 14m | 13° 42′ |
| 46 | 7-17 | | 5″,1 G |
| | 8- 9 | 47s,82 G | |
| | 8-17 | | 4,9 G |
| 48 | 10-15 | 47,57 G | |
| 49 | 7- 6 | | 3,0 G |

### 25871 P. (suite).

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | I. | |
| | | 19h 14m | 13° 42′ |
| 53 | 3- 1 I | 47s,69 G | |
| | 3-15 I | 47,89 G | |
| | 3-19 I | 48,15 G | |
| | 3-22 I | 48,27 G | |
| | 7-20 | 47,97 G | |
| | 7-21 | 47,67 G | |
| | 7-23 | 47,64 G | |
| | 7-28 | 48,09 G | |
| | 7-30 | 47,86 G | |

### 25872 P. — 4030 A + 18°.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | II. | |
| | | 19h 13m | 71° 10′ |
| 59 | 7-28 | 6s,68 G | |

### 25873 P. — 36447 L.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | I. | |
| | | 19h 12m | 77° 54′ |
| 39 | 7-27 | 25s,52 G | |
| | 7-28 | 25,53 G | |
| 46 | 8-21 | 25,37 G | |
| | 9-11 | 25,40 G | |
| | 9-17 | 25,45 G | |
| | 9-18 | 25,49 G | |
| | 9-19 | 25,37 G | |
| | 9-22 | 25,43 G | |
| 48 | 6-19 | 25,21 G | |
| | 6-23 | 25,51 G | |
| | 7-22 | 25,35 G | |
| 50 | 7-30 | | 25″,2 F |
| | | II. | |
| | | 19h 13m | 77° 52′ |
| 56 | 8-14 | 7s,08 G | |
| | 8-15 | 7,30 G | |
| 59 | 8-28 | 7,33 G | 52″,1 G |
| | | III. | |
| | | 19h 13m | 77° 51′ |
| 79 | 8- 9 | 49s,27 G | 17″,4 G |

### 25874 P. — 36438-39 L.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | II. | |
| | | 19h 13m | 56° 18′ |
| 67 | 8-19 | 17s,78 G | |
| | | III. | |
| | | 19h 13m | 56° 16′ |
| 79 | 7-13 | 51s,00 G | 52″,3 G |

### 25875 P. — 36391 L.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | III. | |
| | | 19h 13m | 84° 38′ |
| 71 | 8- 9 | 52s,11 M | 31″,6 M |
| 74 | 7-30 | 52,19 M | 29,9 M |

### 25876 P. — 36373 L.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | I. | |
| | | 19h 12m | 95° 41′ |
| 39 | 7-31 | 16s,27 G | |
| | 8- 1 | 16,41 G | |
| | 8-19 | 16,27 G | |
| | 9- 6 | | 60″,3 F |
| 40 | 8-30 | 16,40 G | |
| 41 | 9-13 | 16,18 G | |
| 46 | 7-17 | 16,42 G | |
| | 7-20 | 16,21 G | |
| | 7-21 | 16,41 G | |
| | 7-22 | 16,46 G | |
| | 8- 3 | 16,26 G | 59,7 G |
| 47 | 5- 4 | 16,43 G | |
| 48 | 10- 7 | 16,32 G | |
| 49 | 6-28 [1] | | 49,4 G |
| | | II. | |
| | | 19h 13m | 95° 40′ |
| 55 | 8-10 | 4s,38 G | |
| 56 | 8- 2 | | 25″,8 G |
| 57 | 8-11 | 4,33 G | 26,1 G |
| | 8-17 | 4,29 G | 29,6 G |
| | 8-24 | 4,30 G | |
| | | III. | |
| | | 19h 13m | 95° 38′ |
| 74 | 8-26 | 52s,56 G | 49″,6 G |
| | 9- 1 | 52,49 G | 49,1 G |

[1] P non comprise dans la moyenne.

### 25877 P. — 36565 L.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | I. | |
| | | 19h 13m | 23° 9′ |
| 45 | 8-20 [1] | 49s,80 G | |

[1] Erreur dans la déclinaison approchée inscrite au t. VI (dist. des fils).

### 25878 P. — 36418 L.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | III. | |
| | | 19h 13m | 66° 41′ |
| 81 | 7-11 [2] | 54s,11 J | 6″,0 J |
| | 7-16 | 54,27 J | 6,5 J |

[2] A diminuée de 0s,27 : suppression d'un fil fortement erroné.

### 25879 P. — 298 W1.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | II. | |
| | | 19h 13m | 91° 24′ |
| 57 | 8- 2 | 8s,51 G | 51″,9 G |

### 25880 P. — 36370 L.

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | II. | |
| | | 19h 13m | 101° 33′ |
| 54 | 8-26 | 5s,40 G | |
| 58 | 7-11 | 5,81 G | 27″,8 G |
| | 10- 6 | | 29,3 G |

### 25881 P. — 19419 A.O.

| Dates 1800+ A. | M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h 12m | 108° 55′ |
| 41 | 9-11 | 12s,23 G | 59",7 F |
| | 9-19 | 12,28 G | |
| | | III. | |
| | | 19h 13m | 108° 52′ |
| 68 | 7-18 | 57s,36 M | 52",5 M |

### 25882 P. — 36385 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 13m | 91° 34′ |
| 55 | 8- 9 | 11s,58 G | 4",5 G |
| 57 | 8- 2 | 11,78 G | |
| | | III. | |
| | | 19h 13m | 91° 32′ |
| 76 | 7-26 | 58s,32 G | 29",2 G |
| | 8- 9 | 58,25 G | 30,7 G |
| | 8-25 | 58,27 G | 29,7 G |

### 25883 P. — 36417 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 13m | 70° 32′ |
| 57 | 8-26 | 18s,97 G | |
| 59 | 7-10 | 18,79 G | |
| 60 | 9- 1 | 18,94 G | 13",2 G |
| | 9-12 | 18,82 G | 12,7 G |

### 25884 P. — 36422-23 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 13m | 66° 57′ |
| 58 | 8- 6[1] | 21s,56 G | 1",4 G |
| | | III. | |
| | | 19h 13m | 66° 55′ |
| 70 | 7-18 | 59s,56 G | 25",7 G |
| | 7-19 | 59,46 G | |
| 73 | 8- 4 | 59,55 G | |

[1] Erreur de 1° dans la déclinaison approchée indiquée à l'observation d'ascension droite.

### 25885 P. — 29 Aigle.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h 12m | 78° 44′ |
| 40 | 7-15 | 35s,80 G | 51",2 F |
| 46 | 7- 9 | 35,51 G | |
| | 7-25 | 35,92 G | |
| 47 | 8-27 | 35,79 G | 51,9 F |
| | 8-28 | 35,77 G | |
| | | II. | |
| | | 19h 13m | 78° 43′ |
| 57 | 8-20 | 18s,02 G | 17",5 G |
| 58 | 7-17 | 18,14 G | |
| | 9-11 | 17,92 G | 18,8 G |
| | 10- 1 | 18,07 G | |
| 59 | 7-11 | 17,93 G | |
| | 7-12 | 18,03 G | 21,9 G |
| | 8-16 | 17,97 G | |

IV.

### 25885 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 13m | 78° 43′ |
| 60 | 6-26 | 18,00 G | |
| 61 | 7-19 | 18,01 G | |
| | 8-12 | 18,05 G | |
| | 8-16 | 18,15 G | |
| 62 | 9-14 | 18,22 G | |
| 63 | 8-12 | | 17,7 M |
| | | III. | |
| | | 19h 14m | 78° 41′ |
| 68 | 8-10 | 0s,35 M | 42",9 M |
| | 8-12 | 0,23 M | 43,2 M |
| 69 | 7-30 | 0,42 M | 42,4 M |
| | 7-31 | 0,30 M | 43,0 M |
| | 8- 6 | 0,32 M | 42,4 M |
| | 8-20 | 0,49 M | 43,1 M |

### 25886 P. — 36459 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 13m | 78° 13′ |
| 58 | 7-25[1] | 18s,91 G | |
| 59 | 8-13 | 18,53 G | 23",5 G |
| | | III. | |
| | | 19h 14m | 78° 11′ |
| 75 | 7-26 | 0s,72 G | |
| | 7-31 | 0,62 G | 49",4 G |

[1] 𝒜 diminuée de 1m.

### 25887 P. — 36379 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 13m | 95° 49′ |
| 55 | 8-20 | | 24",4 G |
| 56 | 7-31 | 13s,47 G | |
| | | III. | |
| | | 19h 14m | 95° 47′ |
| 74 | 8-22 | 1s,63 G | 50",8 G |

### 25888 P. — 36431 à 33 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h 14m | 62° 58′ |
| 71 | 8-29 | 2s,40 M | 1",0 M |
| 74 | 7-18 | 2,32 M | 0,3 M |

### 25889 P. — 36360 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 13m | 116° 25′ |
| 55 | 7-30 | 6s,76 M | |

### 25890 P. — 36375 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 13m | 102° 30′ |
| 54 | 8-30 | 13s,61 G | |
| | 9-11 | 13,59 G | |
| | | III. | |
| | | 19h 14m | 102° 28′ |
| 80 | 6-23 | 4s,17 G | |

### 25891 P. — 6950 Berlin B.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h 14m | 67° 31′ |
| 70 | 7-29 | 5s,23 G | 33",5 G |

### 25892 P. — 36435 à 37 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h 12m | 63° 20′ |
| 40 | 8- 1 | 52s,83 G | |
| | 8- 3 | 53,00 G | |
| | | III. | |
| | | 19h 14m | 63° 17′ |
| 70 | 7-22 | 6s,16 G | 44",8 G |
| 76 | 8- 9 | 5,87 M | 46,9 M |

### 25893 P. — 36407 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h 12m | 85° 30′ |
| 48 | 7- 5 | 39s,24 G | |
| | 7- 6 | 39,30 G | |
| | 7- 7 | 39,32 G | |
| | | II. | |
| | | 19h 13m | 85° 28′ |
| 58 | 7- 3 | 23s,85 G | 28",3 G |
| | 7-13 | 23,78 G | 29,1 G |
| 59 | 6-14 | 24,12 G | |
| 60 | 7-13 | 23,80 G | 28,8 G |
| 61 | 8-14 | 23,90 G | 29,4 G |

### 25894 P. — 36397 et 99 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h 12m | 91° 10′ |
| 39 | 8-24 | 35s,74 G | |
| 46 | 7-12 | 35,71 G | |
| | 8-24 | 35,59 G | |
| 47 | 8- 4 | 35,68 G | |
| | 8-26 | 35,77 G | |
| | | II. | |
| | | 19h 13m | 91° 8′ |
| 55 | 8-21 | | 57",0 G |
| | | III. | |
| | | 19h 14m | 91° 7′ |
| 81 | 9-15 | 8s,76 M | 21",8 M |

### 25895 P. — 3407 A + 33°.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 13m | 56° 39′ |
| 67 | 8-19 | | 42",7 G |

### 25896 P. — 36393 à 95 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 13m | 94° 45′ |
| 55 | 8- 6 | | 35",5 G |
| 56 | 6-28 | 23s,92 G | |

### 25896 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h 14m | 94° 43′ |
| 68 | 8-26 | 11s,39 M | 60",0 M |
| 76 | 8- 4 | 11,33 G | 59,3 G |
| | 8- 5 | 11,34 G | 60,4 G |
| 78 | 7-19 | 11,29 G | 59,1 G |

### 25897 P. — 36434 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h 14m | 67° 39′ |
| 74 | 7-20[1] | 12s,84 M | 28",3 M |
| 76 | 7-15 | 12,56 M | 30,0 M |

[1] 𝒜 diminuée de 0s,40 : err. de moy.

### 25898 P. — 36512 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h 13m | 36° 54′ |
| 37 | 6-19[1] | | 55",4 F |
| | 6-21 | 31s,25 G | |
| | 6-22[1] | | 54,6 F |
| | 6-23 | 30,94 G | |
| | 7- 7 | 31,05 G | |
| 38 | 8-13[1] | | 56,9 F |
| 39 | 9-28 | 31,03 G | |
| 40 | 8-17 | 31,08 G | |
| 41 | 7- 3[1] | | 56,2 F |
| | 7-18[1] | 30,88 G | |
| 46 | 2- 6I | 30,85 G | |
| | 8-18 | 30,80 G | |
| | 9- 2 | 31,17 G | |
| | 9- 3 | 31,15 G | |
| 52 | 6- 4 | 30,86 G | |
| | | II. | |
| | | 19h 13m | 36° 53′ |
| 54 | 8- 6 | 51s,87 G | |

[1] Observations faites près du zénith sans indication de la position de l'observateur. On n'a pas tenu compte de la valeur de l'équation personnelle dans le calcul des distances polaires.

### 25899 P. — 36376 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h 12m | 109° 31′ |
| 39 | 7-10 | 31s,96 G | |
| 40 | 8- 9 | 31,87 G | |
| 41 | 9- 1 | 31,99 G | |
| 45 | 9-11 | 31,89 G | |
| | | II. | |
| | | 19h 13m | 109° 29′ |
| 54 | 8-29 | | 35",1 G |
| | 9-12 | | 33,4 G |
| | | III. | |
| | | 19h 14m | 109° 27′ |
| 78 | 8-16 | 17s,33 G | 59",3 G |
| 79 | 8-12 | 17,53 J | 58,3 J |

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Dates 1800+ — Positions moyennes pour les époques du Catal.

**25900 P. — 36384 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 19h 13m | 103°23' |
| 54 9-27 | 27s,12 G | |

**25901 P. — 5271-72 Gœttingen.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 19h 13m | 91°58' |
| 61 6-12 | 34s,01 G | 46",3 G |

**25902 P. — 9849 Cambridge.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 19h 13m | 62°42' |
| 59 7-16 | 43s,72 G | |

**25903 P. — 36414 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 19h 13m | 87°19' |
| 56 7-14 | 37s,11 G | |
| 58 10-3 | | 11",6 G |
| III. | 19h 14m | 87°17' |
| 71 8-11 | 22s,30 M | 34",7 M |

**25904 P. — 36461 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 19h 13m | 56°53' |
| 40 8-1 | | 29",5 F |
| II. | 19h 13m | 56°51' |
| 67 8-9 | 49s,61 G | 54",7 G |

**25905 P. — 36383 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 19h 12m | 108°7' |
| 37 8-25 | 40s,82 G | 61",4 F |
| 9-20 | 40,78 G | 59,9 F |
| 38 8-13 | 40,82 G | |
| 8-30 | 40,58 G | 59,1 F |
| 9-1 | 40,72 G | |
| 40 7-16 | 40,51 G | 59,0 F |
| 41 7-3 | 40,82 G | |
| 7-26 | | 60,8 F |
| 7-29 | 40,79 G | |
| 8-27 | 40,74 G | |
| 8-28 | | 61,1 F |
| 8-30 | 40,70 G | 61,5 F |
| 43 7-8 | 40,95 G | |
| 8-11 | 40,91 G | |
| 9-3 | 40,80 G | 59,9 G |
| 44 7-27 | 40,84 G | |
| 45 7-18 | 40,73 G | 60,9 F |
| 7-19 | 40,84 G | |
| 7-21 | 40,70 G | |
| 7-23 | 40,77 G | |
| 7-24 | 40,82 G | |
| 9-10 | 41,00 G | |
| 46 5-14 | 40,93 G | |

**25905 P. (suite).**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 19h 12m | 108°7' |
| 46 6-28 | 40s,65 G | |
| 47 6-1 | 40,75 G | |
| 6-28 | 40,93 G | |
| 11-13 | | 61",6 G |
| 48 5-21 | 40,70 G | |
| 5-22 | 40,87 G | |
| 6-17 | 40,78 G | |
| 10-5 | 40,64 G | 61,6 G |
| 10-6 | 40,73 G | 60,4 G |
| 49 8-1 | 40,80 G | 61,7 G |
| 8-2 | 40,76 G | 61,1 G |
| 50 10-12 | 40,75 G | 60,8 G |
| II. | 19h 13m | 108°6' |
| 54 9-16 | 32s,96 G | |
| 59 9-10 | 32,86 G | 27",8 G |
| 60 8-26 | | 26,8 G |
| 61 8-17 | 33,08 G | |
| 63 7-29 | 33,03 M | 24,8 M |
| 8-25 | 32,99 M | 25,5 M |
| III. | 19h 14m | 108°4' |
| 68 7-31 | 25s,00 M | 47",2 M |
| 7-31 | 25,43 G | |
| 8-1 | 25,31 G | |
| 9-25 | 25,36 M | 48,8 M |
| 81 5-16 | 25,19 J | 49,4 J |
| 5-17 | 25,26 M | 49,6 M |
| 7-10 | 25,25 M | 47,3 M |
| 7-10 | 25,33 G | 48,5 G |
| 9-4 | 25,27 J | 50,9 J |

**25906 P. — 36464 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| III. | 19h 14m | 56°1' |
| 80 8-30 | 25s,60 J | 14",3 J |
| 8-31 | 25,39 J | 16,1 J |

**25907 P. — 5951 Cambridge.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 19h 13m | 38°56' |
| 40 7-17[1] | 41s,09 G | 4",1 F |

[1] Observation de distance polaire faite près du zénith sans indication de la position de l'observateur. On n'a pas tenu compte de la valeur de l'équation personnelle dans la réduction de la distance polaire.

**25908 P. — 36469-70 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 19h 13m | 52°40' |
| 66 7-20 | 55s,01 G | 6",4 G |
| III. | 19h 14m | 52°38' |
| 81 7-21 | 26s,59 J | 29",1 J |
| 8-8 | 26,47 J | 29,8 J |

**25909 P. — 36430 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 19h 13m | 76°7' |
| 58 6-3 | | 3",5 G |
| 7-26 | 45s,36 G | 3,7 G |
| III. | 19h 14m | 76°5' |
| 80 7-19 | 26s,94 M | 27",7 M |

**25910 P. — 36405 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 19h 13m | 100°26' |
| 55 7-19 | 39s,97 G | |
| 59 7-17[1] | | 5",2 G |
| III. | 19h 14m | 100°24' |
| 79 8-26[2] | 29s,38 J | 29",6 J |
| 9-2[2] | 29,52 J | 30,0 J |

[1] 𝒫 augmentée de 1'.
[2] 𝒫 diminuée de 5'.

**25911 P. — 36428 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 19h 13m | 80°32' |
| 40 8-4[1] | 6s,52 G | 37",8 F |
| II. | 19h 13m | 80°31' |
| 58 10-5 | | 1",8 G |
| 59 7-3 | 49s,29 G | |
| III. | 19h 14m | 80°29' |
| 74 7-29 | 32s,29 M | 28",0 M |
| 7-31 | 32,25 M | 36,6 M |
| 8-6 | 32,33 M | 27,7 M |

[1] 𝒫 diminuée de 5'.

**25912 P. — 36392 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 19h 12m | 108°35' |
| 37 7-31 | 48s,28 G | |
| 8-25 | 48,10 G | |
| 38 8-31 | 48,13 G | |
| 9-3 | 48,18 G | |
| 10-3 | 48,08 G | |
| 41 8-19 | 48,20 G | |
| 8-20 | 48,30 G | |
| 8-21 | 48,19 G | |
| 8-24 | 48,26 G | |
| 43 5-16 | 48,29 G | |
| 46 7-7 | 48,16 G | 23",4 G |
| II. | 19h 13m | 108°33' |
| 54 9-28 | 40s,73 G | |
| 58 6-12 | | 51",5 G |
| III. | 19h 14m | 108°32' |
| 78 8-9 | 33s,24 G | 17",3 G |

**25913 P. — 36396 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 19h 12m | 106°14' |
| 37 6-25 | 50s,94 G | 25",9 G |
| 39 7-1 | 50,77 G | |
| 7-3 | 50,89 G | |
| 40 9-10 | | 25,0 F |
| 46 9-29[1] | 50,83 G | |
| 53 8-8 | 50,79 G | |
| 9-24[2] | 50,85 G | |
| II. | 19h 13m | 106°12' |
| 55 7-7 | 42s,42 G | |
| 57 9-9 | | 51",5 G |
| 61 10-10 | 42,41 G | 51,9 G |
| III. | 19h 14m | 106°11' |
| 79 8-9 | 33s,94 J | 13",8 J |
| 8-10 | 33,89 J | 15,9 J |
| 8-11[3] | 34,03 J | 14,9 J |
| 8-13 | 34,13 J | 14,5 J |

[1] Désignée à tort au Tome VI comme 44 p¹ sagittaire. Le cahier minute donne ★ $h = 25°19'$.
[2] Æ diminuée de 0s,40 : erreur de moy.
[3] 𝒫 diminuée de 6" : erreur dans le micromètre inscrit.

**25914 P. — 3391 A + 32°.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 19h 14m | 57°32' |
| 59 9-8[1] | 2s,80 G | |
| 66 7-7[2] | 3,09 G | |

[1] 36522 L au Tome XV : la position de cette dernière étoile est en erreur de 34' dans le Catalogue de Lal.
[2] 36682 L au Tome XXII : elle était inscrite 35622 L. sur le cahier minute.

**25915 P. — 36478, 79 et 82 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| III. | 19h 14m | 52°47' |
| 68 8-4 | 37s,17 G | 3",4 G |
| 76 7-10 | 37,04 G | 2,0 G |
| 7-11 | 37,20 G | 1,0 G |
| 7-12 | | 3,2 G |
| 81 8-14 | 37,21 J | 3,1 J |
| 8-22 | 37,21 J | 2,2 J |

**25916 P. — 36420 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 19h 13m | 91°26' |
| 56 6-29 | | 5",2 G |
| 57 7-31 | 52s,42 G | 6,9 G |
| 58 9-8 | 52,53 G | 5,8 G |
| III. | 19h 14m | 91°24' |
| 76 7-13 | 38s,98 G | |
| 7-17 | 38,78 G | |
| 7-19 | 38,98 G | 30",5 G |

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. Æ. | 𝒟. |
|---|---|---|

**25917 P. — 15728 T — 28°.**

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| II. | 19h 13m | 118°49′ |
| 58 8-19 | 44s,08 G | |

**25918 P. — 36406 L.**

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| II. | 19h 13m | 104°17′ |
| 54 9- 2 | 49s,60 G | 34″,1 G |
| III. | 19h 14m | 104°15′ |
| 79 7-17 | 40s,81 J | 56″,9 J |

**25919 P. — 36473 L.**

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| III. | 19h 14m | 58°15′ |
| 80 7-28 | 41s,56 G | 45″,8 G |
| 81 7-18 | 41,53 J | 46,3 J |
| 7-29 | 41,38 J | 47,3 J |

**25920 P. — 36410 L.**

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| II. | 19h 13m | 100°37′ |
| 59 7-11 | | 44″,1 G |
| 61 8- 5 | 52s,36 G | |
| 8-27 | 52,24 G | 44,5 G |
| III. | 19h 14m | 100°36′ |
| 78 8-17 | 41s,92 M | 8″,4 M |

**25921 P. — 36403 L.**

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| II. | 19h 13m | 109°22′ |
| 56 8- 1 | 51s,92 G | 55″,0 G |
| III. | 19h 14m | 109°21′ |
| 79 7-15 | 44s,85 M | 20″,9 M |

**25922 P. — 36462 L.**

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| III. | 19h 14m | 66°28′ |
| 73 8- 1 | 45s,48 G | |
| 75 8- 7 | 45,83 M | 9″,7 G |
| 8-20 | 45,76 M | 10,9 M |
| 76 7-29 | 45,70 M | 10,4 M |
| 8-16 | 45,75 M | 10,4 M |

**25923 P. — 36503 L.**

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| I. | 19h 13m | 49°55′ |
| 40 8-29 | | 20″,6 F |
| 8-31 | | 20,8 F |
| 9-10 | 47s,03 G | |
| 9-12 | 46,97 G | |
| 9-30 | 47,25 G | |

**25923 P. (suite).**

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| II. | 19h 14m | 49°53′ |
| 63 7- 9 | 17s,31 G | |
| 7-10 | 17,30 G | |
| 7-11 | 17,23 G | |
| 7-13 | 17,20 G | |
| 7-15 | 17,25 G | |
| 7-17 | 17,28 G | |
| 7-24 | 17,27 G | |
| 7-30 | 17,24 G | |
| 7-31 | 17,25 G | |
| 8- 9 | 17,18 G | |
| 8-13 | 17,19 G | |
| 8-14 | 17,33 G | |
| 8-25 | 17,28 G | |
| 8-31 | 17,31 G | |
| 64 7- 1 | 17,16 G | |
| 7-11 | 17,33 G | |
| 8- 2 | 17,26 G | |
| 8- 7 | 17,19 G | |
| 8-27 | 17,21 G | |
| 8-28 | 17,34 G | |
| 8-29 | 17,37 G | |
| 9- 1 | 17,31 G | |
| 9- 9 | 17,21 G | |
| 65 9- 1 | 17,16 G | |
| 9- 6 | 17,29 G | |
| 9- 7 | 17,26 G | |
| 9- 8 | 17,24 G | |
| 9-13 | 17,37 G | |
| III. | 19h 14m | 49°52′ |
| 72 7- 1 | 47s,35 G | |
| 7- 4 | 47,32 G | |
| 7- 5 | 47,27 G | |
| 7- 9 | 47,10 G | |
| 7-19 | 47,41 G | |
| 7-21 | 47,30 G | |
| 7-22 | 47,28 G | |
| 8-17 | 47,40 G | |
| 8-18 | 47,34 G | |
| 8-19 | 47,39 G | |
| 8-28 | 47,27 G | |
| 8-31 | 47,26 G | |
| 9- 1 | 47,33 G | |
| 9- 9 | 47,39 G | |
| 81 7-12 | | 6″,6 G |

**25924 P. — 36454 L.**

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| II. | 19h 14m | 73°25′ |
| 58 9-25 | 10s,37 G | 1″,3 G |
| III. | 19h 14m | 73°23′ |
| 71 9-12 | 50s,49 G | |
| 9-15 | 50,82 G | |
| 75 9- 6 | 50,61 G | 23″,1 G |

**25925 P. — 36444 L.**

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| II. | 19h 14m | 85°8′ |
| 57 6-26 | | 39″,7 G |
| 7-19 | 8s,64 G | 40,4 G |
| 8- 6 | 8,65 G | 40,9 G |
| 8-18 [1] | 8,69 G | 41,9 G |
| 8-21 | 8,85 G | 41,1 G |
| 58 9- 5 | 8,90 G | |
| 9-28 | 8,89 G | |
| 62 9-11 | 8,59 G | |

**25925 P. (suite).**

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| III. | 19h 14m | 85°7′ |
| 71 8-12 | 53s,06 M | 5″,4 M |

[1] Æ diminuée de 1s : erreur de moy.

**25926 P. — 36419 L.**

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| II. | 19h 14m | 100°39′ |
| 61 8-27 | | 20″,8 G |

**25927 P. — 101 Piazzi.**

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| I. | 19h 14m | 26°53′ |
| 40 9-21 [1] | 37s,09 G | |

[1] Æ diminuée de 5s : erreur de réduct.

**25928 P. — 36460 L.**

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| III. | 19h 14m | 75°48′ |
| 71 8-28 | 56s,73 G | 41″,4 G |
| 9- 3 | 56,58 G | |
| 9- 6 | 56,78 G | 44,6 G |

**25929 P. — 36466-67 L.**

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| II. | 19h 14m | 71°9′ |
| 58 8-16 | 20s,15 G | 42″,4 G |
| 59 7-28 | 20,22 G | 40,5 G |
| 60 8- 4 | 20,24 G | 41,0 G |

**25930 P. — 336 W$_1$.**

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| III. | 19h 15m | 78°18′ |
| 71 8-12 | 1s,21 G | |

**25931 P. — 36480 L.**

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| II. | 19h 14m | 63°36′ |
| 58 8- 7 | 25s,21 G | 38″,5 G |
| 9-16 | 25,02 G | 39,4 G |
| 60 7-24 | 25,24 G | 39,9 G |
| III. | 19h 15m | 63°35′ |
| 70 7-23 | 1s,96 G | 3″,8 G |
| 8- 6 | 1,82 G | 3,1 G |
| 73 7-17 | 1,91 G | 2,7 G |

**25932 P. — 36483 L.**

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| II. | 19h 14m | 63°35′ |
| 60 7-24 | 25s,52 G | 45″,4 G |

**25933 P. — 36404 L.**

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| II. | 19h 14m | 119°19′ |
| 57 8-12 | 7s,77 G | 33″,9 G |
| 58 8- 4 | 7,71 G | 34,8 G |

**25934 P. — 340 W$_1$.**

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| I. | 19h 13m | 76°9′ |
| 43 8-29 | 41s,64 G | |

**25935 P. — 339 W$_1$.**

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| II. | 19h 14m | 78°15′ |
| 58 7-25 | 23s,77 G | 16″,0 G |

**25936 P. — 6960 Berlin B.**

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| II. | 19h 14m | 68°28′ |
| 58 9-14 | 28s,19 G | |

**25937 P. — 9834 Cambridge.**

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| I. | 19h 13m | 61°28′ |
| 40 8-16 | 55s,54 G | |

**25938 P. — 36492 L.**

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| III. | 19h 15m | 62°19′ |
| 80 9- 8 | 7s,85 J | 16″,6 J |
| 81 7-28 | 8,10 J | 16,7 J |
| 8- 4 | | 17,1 J |
| 8- 5 | 7,63 J | 16,9 J |

**25939 P. — 36475-76 L.**

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| II. | 19h 14m | 71°15′ |
| 59 7-28 | 28s,88 G | |
| 60 8- 4 | | 0″,3 G |
| 67 8-24 | 28,54 M | 1,0 M |
| III. | 19h 15m | 71°13′ |
| 71 7-21 | 8s,40 M | |
| 7-31 | 8,32 G | |
| 8-16 | 8,32 G | |

**25940 P. — 36442-43 L.**

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| III. | 19h 15m | 95°2′ |
| 69 7-26 | 8s,61 M | 52″,7 M |
| 7-29 | 8,58 M | 51,3 M |
| 74 7-20 | 8,45 G | 51,8 G |
| 7-21 | 8,47 G | 52,2 G |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. ($\mathcal{A}$, $\mathcal{P}$)

### 25940 P. (suite.)

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | | III. | |
| | | 19h 15m | 95°2' |
| 74 | 8-21 | 8s,52 G | 51",7 G |
| 75 | 8- 9 | 8,72 M | 52,5 M |
| | 9- 7 | 8,71 M | 52,7 M |
| 76 | 8- 4 | 8,48 M | 53,0 M |
| | 8-17 | 8,62 M | 52,5 M |

### 25941 P. — 36481 L.

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | | III. | |
| | | 19h 15m | 66°43' |
| 80 | 9- 2[1] | 8s,71 J | 59",1 J |
| 81 | 7-19 | 8,97 J | 58,3 J |

[1] $\mathcal{A}$ augmentée de 0s,17 : erreur de moy.

### 25942 P. — 36526 L.

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | | III. | |
| | | 19h 15m | 45°40' |
| 80 | 8-23 | 9s,92 J | 1",9 J |
| 81 | 7-16 | 9,84 G | |
| | 7-18 | 9,88 G | |

### 25943 P. — 36458 L.

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | | II. | |
| | | 19h 14m | 85°8' |
| 57 | 8- 6 | 26s,61 G | |
| | 8-21 | 26,95 G | 12",2 G |
| 58 | 9- 5 | 26,69 G | |
| 60 | 8-10 | 26,71 G | 13,0 G |

### 25944 P. — 36465 L.

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | | I. | |
| | | 19h 13m | 80°28' |
| 40 | 8- 2 | 48s,08 G | |
| | 8- 3 | 48,01 G | 11",1 F |
| | 8- 4 | 48,14 G | 11,9 F |
| | | II. | |
| | | 19h 14m | 80°26' |
| 56 | 8-31 | | 35",4 G |
| 57 | 7-28 | 30s,79 G | 33,7 G |
| | 8- 7 | 30,93 G | 34,6 G |
| 58 | 6- 7 | 30,90 G | |

### 25945 P. — 36513 à 15 L.

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | | II. | |
| | | 19h 14m | 52°55' |
| 67 | 8-12 | 43s,54 G | 11",2 G |
| | | III. | |
| | | 19h 15m | 52°53' |
| 79 | 6-26 | 15s,15 G | |
| | 7-29 | 15,08 G | 36",9 G |

### 25946 P. — 36426 L.

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | | III. | |
| | | 19h 15m | 109°15' |
| 70 | 8-20 | 16s,98 M | 29",9 M |
| 75 | 8-26 | 16,94 G | |
| 78 | 9- 6 | 16,85 M | 29,7 M |

### 25947 P. — 36450 L.

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | | II. | |
| | | 19h 14m | 92°5' |
| 58 | 7-30 | 30s,56 G | 58",6 G |
| 61 | 6-12 | 30,44 G | |
| | | III. | |
| | | 19h 15m | 92°4' |
| 76 | 7-20 | 17s,18 G | 23",4 G |
| | 7-29 | 17,23 G | 22,8 G |
| | 8- 1 | 17,09 G | 21,9 G |
| | 8-11 | 17,15 G | 23,8 G |

### 25948 P. — 36543 à 46 L.

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | | I. | |
| | | 19h 14m | 40°42' |
| 40 | 7-29[1] | | 55",0 F |
| | | II. | |
| | | 19h m14 | 40°41' |
| 64 | 7-27 | | 19",5 G |
| | 7-28 | | 19,2 G |
| | 8- 1 | | 19,3 G |
| | 8-26 | | 19,2 G |
| | | III. | |
| | | 19h 15m | 40°39' |
| 81 | 8- 2 | 17s,51 G | 41",1 G |

[1] Observation faite près du zénith sans indication de la position de l'observateur. On n'a pas tenu compte de la valeur de l'équation personnelle dans le calcul de la distance polaire.

### 25949 P. — 36440 L.

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | | II. | |
| | | 19h 14m | 103°59' |
| 67 | 7-19 | 29s,37 M | 36",5 M |
| | | III. | |
| | | 19h 15m | 103°57' |
| 79 | 7-28 | 20s,07 J | 59",6 J |

### 25950 P. — 36524-25 L.

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | | III. | |
| | | 19h 15m | 49°0' |
| 80 | 8-10 | | 24",7 G |

### 25951 P. — 36463 L.

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | | II. | |
| | | 19h 14m | 81°57' |
| 58 | 7- 1 | 40s,52 G | 8",3 G |
| 59 | 7- 2 | 40,54 G | |
| | 8-24 | 40,69 G | |
| | | III. | |
| | | 19h 15m | 81°55' |
| 75 | 8-23 | 24s,07 G | 32",1 G |

### 25952 P. — 36500 L.

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | | II. | |
| | | 19h 14m | 68°26' |
| 58 | 9-14 | 46s,85 G | 52",8 G |
| | | III. | |
| | | 19h 15m | 68°25' |
| 70 | 7-20 | 25s,52 G | 14",8 G |
| 71 | 8-26 | 25,57 M | 16,1 M |
| | 8-26 | 25,33 G | |
| 73 | 7-18 | 25,54 G | 15,6 G |

### 25953 P. — 36494 L.

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | | II. | |
| | | 19h 14m | 71°22' |
| 56 | 8-30 | 46s,20 G | 22",7 G |
| | | III. | |
| | | 19h 15m | 71°20' |
| 71 | 8-19 | 25s,91 G | |
| | 8-21 | 25,71 G | |
| | 9- 2 | 25,74 G | |

### 25954 P. — 36452, 53 et 55 L.

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | | II. | |
| | | 19h 14m | 94°59' |
| 55 | 9-27 | | 55",9 G |
| 57 | 7-11 | 38s,30 G | 52,4 G |
| | 8-10 | 38,29 G | |
| | | III. | |
| | | 19h 15m | 94°58' |
| 76 | 8- 7 | 26s,07 G | 17",4 G |
| | 8-10 | 26,11 G | 17,8 G |
| | 8-12 | 26,09 G | 18,7 G |
| | 8-17 | 25,83 G | 19,0 G |
| 77 | 7-11 | 26,04 G | |
| | 7-26 | 26,03 G | |
| | 7-30 | 26,13 G | |
| 78 | 7-18 | 26,10 G | 18,4 G |

### 25955 P. — 36527 L.

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | | I. | |
| | | 19h 14m | 50°1' |
| 40 | 8-27 | 26s,19 G | |
| | 8-28 | 26,37 G | |
| | 8-29 | | 1",3 F |
| | 8-31 | | 3,4 F |
| | 9-10 | 26,18 G | |
| | 9-29 | 26,40 G | |
| | | III. | |
| | | 19h 15m | 49°57' |
| 80 | 8-26 | 26s,49 J | 49",2 J |
| 81 | 7-26 | 26,53 G | 48,7 G |

### 25956 P. — 36529-30 L.

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | | III. | |
| | | 19h 15m | 48°57' |
| 80 | 8- 4 | | 29",5 G |
| | 8-10[1] | 27s,62 G | |

[1] $\mathcal{A}$ augmentée de 0s,20 : erreur de 1s sur un fil.

### 25957 P. — 36498-99 L.

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | | II. | |
| | | 19h 14m | 71°6' |
| 57 | 7-15 | | 59",9 G |
| 58 | 8-16 | 49s,79 G | |
| | 9-27 | 49,89 G | |
| 59 | 7-17[1] | 49,61 G | |
| | 7-28 | 49,96 G | |
| 60 | 8- 4 | 50,16 G | |
| | | III. | |
| | | 19h 15m | 71°5' |
| 79 | 8-11 | 29s,25 G | 22",6 G |

[1] $\mathcal{A}$ augmentée de 0s,40 : erreur de 1s sur deux fils.

### 25958 P. — 36457 L.

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | | II. | |
| | | 19h 14m | 96°18' |
| 58 | 9-26 | 42s,16 G | 24",2 G |
| | | III. | |
| | | 19h 15m | 96°16' |
| 74 | 8-22 | 30s,29 G | 49",0 G |
| | 8-25 | 30,28 G | 47,9 G |
| | 8-26 | 30,24 G | 48,8 G |

### 25959 P. — 36511 L.

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | | I. | |
| | | 19h 13m | 98°29' |
| 39 | 9-10 | 55s,96 G | |
| 41 | 8-14 | 55,89 G | |
| | 8-18 | 55,81 G | |
| | | III. | |
| | | 19h 15m | 98°26' |
| 79 | 7-29 | 33s,73 J | 7",2 J |
| | 7-30 | 33,56 J | 7,1 J |

### 25960 P. — 36505 L.

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | | II. | |
| | | 19h 14m | 68°3' |
| 58 | 8- 8 | | 39",2 G |
| 59 | 7-15 | 55s,49 G | 38,2 G |
| | | III. | |
| | | 19h 15m | 68°2' |
| 79 | 8-25 | 33s,81 J | 3",8 J |
| | 9- 1 | 33,65 J | 2,3 J |
| | 9- 4 | 34,01 J | 2,7 J |
| 80 | 7-27[1] | 33,87 G | 7,5 G |

[1] $\mathcal{P}$ non comprise dans la moyenne.

### 25961 P. — 36495 L.

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | | II. | |
| | | 19h 14m | 75°37' |
| 57 | 6- 2 | | 34",3 G |
| 58 | 8- 5 | 52s,87 G | 34,4 G |
| 59 | 7-24 | 52,80 G | |
| 61 | 7-15 | 52,93 G | |

Dates 1800 + / Positions moyennes pour les époques du Catal.

#### 25962 P. — 36468 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 19h 14m | 81°23′ |
| 59 8- 6 | 51s,36 G | |
| | III. | |
| | 19h 15m | 81°21′ |
| 71 8-10 | 34s,82 M | 38″,7 M |
| 74 7-30[1] | 35,03 M | 39,7 M |
| 80 8-31 | 34,66 M | 40,2 M |

[1] P augmentée de 1′.

#### 25963 P. — 36521 et 23 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | III. | |
| | 19h 15m | 56°3′ |
| 80 9- 1 | 35s,02 J | 3″,3 J |
| 81 8- 6 | 34,99 J | 2,7 J |

#### 25964 P. — 36568 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | I. | |
| | 19h 14m | 38°2′ |
| 39 8-21[1] | 55s,35 G | 10″,3 F |
| 8-23 | 55,47 G | |
| 8-24[1] | | 8,7 F |
| | III. | |
| | 19h 15m | 37°58′ |
| 81 8- 8 | 38s,93 G | 57″,2 G |

[1] Observations de distance polaire faites près du zénith sans indication de la position de l'observateur. On n'a pas tenu compte de la valeur de l'équation personnelle dans le calcul de la distance polaire.

#### 25965 P. — 36456 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 19h 14m | 101°52′ |
| 55 7-27 | 49s,10 G | |
| 58 10- 6 | | 56″,1 G |
| 59 7-23 | | 56,2 G |
| | III. | |
| | 19h 15m | 101°51′ |
| 78 9- 2 | 38s,92 M | |
| 9- 3 | 38,97 M | 19″,3 M |

#### 25966 P. — 36451 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 19h 14m | 104°17′ |
| 56 6-26 | 48s,08 G | 56″,0 G |
| 57 9-27 | 48,02 G | 55,9 G |

#### 25967 P. — 36522 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | III. | |
| | 19h 15m | 58°7′ |
| 79 8-26 | 39s,77 G | 57″,1 G |
| 80 8- 8 | 39,67 M | 58,7 M |
| 8-10 | | 56,0 M |

#### 25968 P. — 19825 Mn₁.

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 19h 14m | 79°48′ |
| 61 8-12 | 59s,79 G | |

#### 25969 P. — 6644 Albany.

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 19h 14m | 86°2′ |
| 59 7- 8 | 59s,42 G | |

#### 25970 P. — 36448 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | III. | |
| | 19h 15m | 109°13′ |
| 81 9-16 | 45s,11 M | 7″,0 M |

#### 25971 P. — 36496 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | I. | |
| | 19h 14m | 83°11′ |
| 40 8- 4 | 20s,13 G | |
| 8- 5 | 20,03 G | 10″,9 F |
| 44 7- 2 | 19,83 G | |
| 7-27 | | 12,0 G |
| | II. | |
| | 19h 15m | 83°9′ |
| 56 7- 3 | 3s,75 G | |
| 8-26[1] | 3,68 G | |
| 57 7-18 | 3,59 G | 34″,1 G |
| | III. | |
| | 19h 15m | 83°7′ |
| 71 8- 5 | 47s,58 M | 57″,0 M |

[1] Æ augm. de 1s. l'observateur a retranché une seconde du premier fil, tandis qu'il eût fallu ajouter une seconde aux quatre derniers.

#### 25972 P. — 352 W₁.

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 19h 15m | 93°53′ |
| 56 7-26 | 3s,48 G | |

#### 25973 P. — 36605 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | III. | |
| | 19h 15m | 45°51′ |
| 80 9- 2[1] | 52s,52 G | 28″,8 G |

[1] Æ diminuée de 1m.

#### 25974 P. — 36489 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | I. | |
| | 19h 14m | 90°32′ |
| 49 8-31 | 23s,25 G | |

#### 25974 P. (suite).

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 19h 15m | 90°30′ |
| 55 8-23 | 9s,52 G | |
| 56 8- 3 | | 50″,7 G |
| 57 8-16 | 9,39 G | |
| | III. | |
| | 19h 15m | 90°29′ |
| 76 8-16 | 55s,85 G | 14″,4 G |
| 78 7-23 | 55,92 G | 13,6 G |
| 7-28 | 55,78 G | 13,7 G |

#### 25975 P. — 36509 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 19h 15m | 79°20′ |
| 58 7- 7 | | 38″,3 G |
| 9-12 | 16s,49 G | 36,9 G |
| | III. | |
| | 19h 15m | 79°18′ |
| 71 8- 9 | 58s,82 G | 59″,8 G |
| 8-13 | 58,98 G | 59,8 G |

#### 25976 P. — 36487 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | I. | |
| | 19h 14m | 94°0′ |
| 40 8-30 | 24s,60 G | 26″,6 F |
| | II. | |
| | 19h 15m | 93°58′ |
| 55 8-11 | | 49″,2 G |
| 56 7-26 | | 49,2 G |
| 59 8- 3 | 12s,00 G | |
| | III. | |
| | 19h 15m | 93°57′ |
| 78 7-19 | 59s,13 G | 13″,0 G |
| 7-29 | 59,19 G | 12,4 G |
| 7-30 | 59,23 G | 13,6 G |

#### 25977 P. — 36518 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | I. | |
| | 19h 14m | 75°44′ |
| 43 8-26 | 42s,34 G | |
| | II. | |
| | 19h 15m | 75°43′ |
| 59 7-24 | 23s,59 G | |
| 61 7-15 | 23,72 G | 5″,8 G |
| 67 8- 5 | 23,47 M | 6,6 M |
| 8-12 | 23,37 M | 5,9 M |

#### 25978 P. — 36571 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 19h 15m | 45°13′ |
| 66 8-23 | 40s,30 G | |
| | III. | |
| | 19h 16m | 45°12′ |
| 80 8- 3 | 7s,60 G | 4″,6 G |
| 8- 8 | 7,61 G | 2,4 G |
| 8-11 | | 2,4 G |

#### 25979 P. — 36551 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 19h 15m | 55°48′ |
| 66 7-21 | 36s,03 G | |
| | III. | |
| | 19h 16m | 55°47′ |
| 74 8-21 | 9s,18 M | 12″,2 M |
| 75 8-16 | 9,32 M | 11,6 M |
| 8-17 | 9,42 M | 11,7 M |
| 76 8- 1 | 9,34 M | 11,7 M |
| 8- 7 | 9,49 M | 11,5 M |
| 8-25 | 9,39 M | 11,9 M |
| 79 9- 7 | 9,08 J | 11,4 J |
| 9- 8 | 9,33 J | 11,0 J |

#### 25980 P. — 19471 A.O.

| A. M. J. | Æ. | P. |
|---|---|---|
| | I. | |
| | 19h 14m | 108°17′ |
| 45 7-19 | 26s,60 G | |
| 7-21 | 26,60 G | |

#### 25981 P. — 19472 A.O.

| A. M. J. | Æ. | P. |
|---|---|---|
| | I. | |
| | 19h 14m | 108°8′ |
| 41 7-29 | 29s,07 G | |
| 8-27 | 28,97 G | |
| 8-28 | | 45″,3 F |
| 8-30 | 28,83 G | |
| 9-11 | 28,70 G | 45,4 F |
| 9-19 | 28,92 G | |

#### 25982 P. — 36561 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 19h 15m | 50°19′ |
| 67 9- 6 | 43s,52 G | 58″,5 G |
| | III. | |
| | 19h 16m | 50°18′ |
| 74 8-26 | 13s,85 M | 24″,5 M |

#### 25983 P. — 36506 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | III. | |
| | 19h 16m | 90°31′ |
| 76 7-26 | 14s,62 G | 19″,3 G |
| 8- 4 | 14,77 G | 18,5 G |
| 8- 9 | 14,76 G | 18,9 G |

#### 25984 P. — 36491 et 93 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | I. | |
| | 19h 14m | 100°59′ |
| 41 8-19 | 36s,28 G | |
| | II. | |
| | 19h 15m | 100°58′ |
| 54 9-21 | | 3″,7 G |
| 55 6-24 | 25s,99 G | |
| | III. | |
| | 19h 16m | 100°56′ |
| 78 8-12 | 15s,88 G | 25″,9 G |

Dates 1800+ — Positions moyennes pour les époques du Catal.

**25985 P. — 36540 L.**

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | II. | |
| | | $19^h 15^m$ | 64° 39' |
| 58 | 8- 6 | $41^s$,41 G | |
| 59 | 8-22 | 41,56 G | 28",5 G |
| | | III. | |
| | | $19^h 16^m$ | 64° 37' |
| 70 | 7-18 | $18^s$,71 G | 49",3 G |
| | 7-19 | 18,61 G | 50,0 G |
| | 7-22 | 18,60 G | 50,2 G |

**25986 P. — 36502 L.**

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | I. | |
| | | $19^h 14^m$ | 97° 41' |
| 39 | 9- 6 | | 28",9 F |
| | | II. | |
| | | $19^h 15^m$ | 97° 39' |
| 55 | 8-13 | $30^s$,62 G | |
| 57 | 7-10 | | 50",5 G |
| | 8-11 | | 51,7 G |
| | | III. | |
| | | $19^h 16^m$ | 97° 38' |
| 74 | 7-14 | $19^s$,40 G | 12",6 G |
| | 7-15 | 19,31 G | 13,0 G |
| | 7-18 | 10,34 G | 11,8 G |

**25987 P. — 36575 L.**

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | III. | |
| | | $19^h 16^m$ | 49° 9' |
| 80 | 9- 5 | $24^s$,08 G | 9",6 G |
| 81 | 7-17 | 23,99 G | 13,1 G |

**25988 P. — 36497 L.**

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | I. | |
| | | $19^h 14^m$ | 106° 6' |
| 40 | 8-29[1] | $45^s$,00 G | |
| 41 | 8-20 | 45,06 G | |
| | 8-21 | 44,94 G | |
| | | II. | |
| | | $19^h 15^m$ | 106° 4' |
| 59 | 7-17 | | 38",1 G |
| 61 | 8-21 | $36^s$,51 G | 40,5 G |
| | | III. | |
| | | $19^h 16^m$ | 106° 3' |
| 78 | 9- 7 | $27^s$,86 M | 1",0 M |

[1] Erreur de 50' dans la déclin. approchée inscrite au t. III (dist. des fils).

**25989 P. — 36549 L.**

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | II. | |
| | | $19^h 15^m$ | 64° 41' |
| 58 | 8- 6 | $52^s$,71 G | 14",7 G |
| 59 | 8-22 | 52,88 G | |
| | | III. | |
| | | $19^h 16^m$ | 64° 39' |
| 74 | 8-13 | $29^s$,83 M | 38",5 M |

**25990 P. — 36579 L.**

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | II. | |
| | | $19^h 16^m$ | 49° 19' |
| 67 | 7-30 | $0^s$,39 G | 58",4 G |
| | 8-13 | 0,26 G | 57,6 G |
| | | III. | |
| | | $19^h 16^m$ | 49° 18' |
| 80 | 6-23 | $30^s$,25 G | 18",6 G |
| | 8-20 | 30,13 M | 17,4 M |
| 81 | 7-28 | | 18,4 M |
| | 7-29 | 29,83 M | 18,8 M |

**25991 P. — 36547 L.**

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | II. | |
| | | $19^h 15^m$ | 66° 48' |
| 58 | 9-10 | $52^s$,48 G | 2",3 G |
| | | III. | |
| | | $19^h 16^m$ | 66° 46' |
| 73 | 8- 4 | $30^s$,17 G | |
| 75 | 7-19 | 30,37 G | 24",3 G |
| | 7-26 | 30,35 G | |
| | 8- 9 | 30,23 G | 22,4 G |

**25992 P. — 7365 Rümker.**

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | II. | |
| | | $19^h 15^m$ | 63° 37' |
| 58 | 8- 7 | $58^s$,02 G | |
| | 9-16 | 57,98 G | 35",8 G |
| 60 | 7-24 | 58,04 G | |

**25993 P. — 36538 L.**

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | III. | |
| | | $19^h 16^m$ | 73° 34' |
| 71 | 7-28 | $35^s$,16 G | |
| | 8-10 | 35,36 G | 25",2 G |
| | 9- 5 | 35,39 G | 24,9 G |

**25994 P. — 36588 L.**

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | III. | |
| | | $19^h 16^m$ | 47° 40' |
| 81 | 7-28 | $35^s$,36 G | 50",1 G |
| | 7-29 | 35,50 G | 50,0 G |
| | 8- 5 | 35,77 G | 50,6 G |
| | 8- 6 | 35,82 G | 48,8 G |

**25995 P. — 36501 L.**

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | I. | |
| | | $19^h 14^m$ | 107° 29' |
| 37 | 7-29 | $51^s$,77 G | |
| | 8- 7 | 51,75 G | |
| | 8- 8 | 51,69 G | 13",3 F |
| | 8-11 | 51,62 G | |
| | 8-13 | 51,77 G | 14,8 F |
| | 8-27 | 51,45 G | |
| 40 | 7-27 | 51,76 G | |
| 41 | 9- 1 | 51,77 G | |
| 43 | 8-11 | 51,84 G | |

**25996 P. — 3816 A + 11°.**

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | III. | |
| | | $19^h 16^m$ | 78° 42' |
| 68 | 8-12 | $35^s$,98 M | 35",3 M |
| 80 | 7-22 | | 34,1 M |
| | 7-27 | 36,02 M | 35,4 M |

**25997 P. — 36553 L.**

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | III. | |
| | | $19^h 16^m$ | 67° 43' |
| 74 | 7-20 | $37^s$,86 M | 44",7 M |
| 79 | 8-16 | 37,93 G | 45,8 G |

**25998 P. — 36573 L.**

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | III. | |
| | | $19^h 16^m$ | 55° 52' |
| 80 | 8-31 | $38^s$,61 J | 33",6 J |
| 81 | 7-17 | 39,02 J | 30,9 J |

**25999 P. — 36558 L.**

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | III. | |
| | | $19^h 16^m$ | 62° 47' |
| 74 | 7-18 | $38^s$,98 M | 42",9 M |
| 75 | 6-30 | 39,05 M | 42,4 M |
| 76 | 8-10 | 39,02 M | 43,1 M |
| | 8-12 | 39,03 M | 42,3 M |

**26000 P. — 479 $W_2$.**

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | II. | |
| | | $19^h 16^m$ | 57° 9' |
| 59 | 8-30 | $5^s$,47 G | |

**26001 P. — 36484 et 86 L.**

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | I. | |
| | | $19^h 14^m$ | 118° 9' |
| 39 | 6-26 | $50^s$,27 G | |
| | 7- 1 | 50,11 G | |
| | 7- 3[1] | 50,14 G | |
| | 7-10 | 50,17 G | |
| | 7-16 | 50,16 G | |
| | 7-30 | 50,11 G | 35",6 F |
| 40 | 8- 8 | 50,03 G | |
| 41 | 9- 8 | 50,17 G | |
| | 9-13 | 49,99 G | |
| | | II. | |
| | | $19^h 15^m$ | 118° 7' |
| 55 | 7-21 | $46^s$,28 G | |
| 60 | 7-13 | 46,44 G | 57",0 G |
| | | III. | |
| | | $19^h 16^m$ | 118° 6' |
| 76 | 8- 2 | $42^s$,45 G | 15",5 G |
| | 8- 3 | 42,54 G | 19,9 G |

[1] Æ diminuée de $1^m$.

**26002 P. — 36574 L.**

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | III. | |
| | | $19^h 16^m$ | 57° 33' |
| 80 | 8- 1 | $43^s$,00 M | 24",5 M |

**26003 P. — 19942 $Mn_1$.**

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | II. | |
| | | $19^h 16^m$ | 81° 53' |
| 58 | 7-13 | $1^s$,64 G | |

**26004 P. — 3316 A + 41°.**

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | III. | |
| | | $19^h 16^m$ | 48° 22' |
| 81 | 7-21 | $45^s$,02 M | 33",0 M |

**26005 P. — 36569 L.**

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | III. | |
| | | $19^h 16^m$ | 59° 52' |
| 81 | 8- 2 | $45^s$,65 J | 17",5 J |

**26006 P. — 36570 L[1].**

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | III. | |
| | | $19^h 16^m$ | 60° 19' |
| 81 | 8-21 | $47^s$,06 J | 47",8 J |

[1] La dist. pol. de Lal. doit être augm. de 1'.

**26007 P. — 36504 L.**

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | II. | |
| | | $19^h 15^m$ | 112° 50' |
| 59 | 8-31 | $54^s$,01 G | |
| | | III. | |
| | | $19^h 16^m$ | 112° 48' |
| 79 | 7-10 | $47^s$,70 M | 28",9 M |
| | 8-12 | 47,48 M | 28,3 M |

**26008 P. — 36548 L.**

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | II. | |
| | | $19^h 16^m$ | 75° 12' |
| 58 | 9-17 | $6^s$,50 G | |
| | | III. | |
| | | $19^h 16^m$ | 75° 10' |
| 81 | 7-12 | $47^s$,66 M | 41",8 M |
| | 8- 8 | 47,71 M | 42,9 M |

**26009 P. — 36559 L.**

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | II. | |
| | | $19^h 16^m$ | 66° 47' |
| 58 | 9-10 | $12^s$,67 G | |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (AR, P)

### 26009 L. (suite).

| A. M. J. | AR | P |
|---|---|---|
| III. | 19h 16m | 66°45' |
| 70 7-29 | 50s,66 G | |
| 75 7-20 | 50,65 G | 60",0 G |
| 7-27 | 50,80 G | 59,2 G |

### 26010 P. — 36542 L.

| A. M. J. | AR | P |
|---|---|---|
| I. | 19h 15m | 80°23' |
| 40 8-2 | 25s,60 G | |
| 8-3 | 25,54 G | 0",9 F |
| II. | 19h 16m | 80°21' |
| 56 7-30 | | 20",8 G |
| 9-6 | 8s,32 G | 21,4 G |
| 58 7-2 | 8,09 G | 19,5 G |
| 10-5 | | 20,3 G |
| 59 7-21 | 8,25 G | |

### 26011 P. — 36532 L.

| A. M. J. | AR | P |
|---|---|---|
| II. | 19h 16m | 81°39' |
| 56 6-30 | 8s,69 G | |
| 9-27 | | 27",1 G |
| 57 5-27 | | 27,0 G |
| 58 9-6 | 8,84 G | 27,8 G |
| 59 6-14 | 8,84 G | |
| 7-5 | 8,85 G | 29,3 G |
| 7-26 | 8,81 G | 27,7 G |
| 60 8-12 | 8,64 G | |

### 26012 P. — 36560 L.

| A. M. J. | AR | P |
|---|---|---|
| III. | 19h 16m | 67°42' |
| 81 7-16 | 53s,42 J | 0",3 J |
| 7-21 | 53,20 J | 0,4 J |

### 26013 P. — 36507-08 L.

| A. M. J. | AR | P |
|---|---|---|
| II. | 19h 16m | 112°53' |
| 59 8-31 | 0s,78 G | |
| 61 8-27 | | 11",8 G |
| III. | 19h 16m | 112°51' |
| 80 9-5 | 54s,69 M | 33",1 M |

### 26014 P. — 19490 A. O.

| A. M. J. | AR | P |
|---|---|---|
| I. | 19h 15m | 108°4' |
| 47 8-27 | 13s,89 G | |
| 8-28 | 13,85 G | |

### 26015 P. — 36556 L.

| A. M. J. | AR | P |
|---|---|---|
| II. | 19h 16m | 77°20' |
| 59 8-13 | 16s,88 G | 58",2 G |

### 26015 P. (suite).

| A. M. J. | AR | P |
|---|---|---|
| III. | 19h 16m | 77°19' |
| 71 8-7 | 58s,75 M | 20",2 M |
| 8-7 | 58,90 G | 19,6 G |

### 26016 P. — 36609 L.

| A. M. J. | AR | P |
|---|---|---|
| I. | 19h 16m | 47°36' |
| 40 8-31 | | 5",6 F |
| III. | 19h 17m | 47°32' |
| 80 8-9 | 3s,22 G | 48",0 G |
| 8-31 | 3,36 G | 50,2 G |

### 26017 P. — 19927 Mn1.

| A. M. J. | AR | P |
|---|---|---|
| II. | 19h 16m | 98°29' |
| 57 8-24 | | 2",1 G |
| 60 8-16 | 15s,88 G | 2,2 F |

### 26018 P. — 36541 L.

| A. M. J. | AR | P |
|---|---|---|
| II. | 19h 16m | 90°48' |
| 58 9-8 | 19s,24 G | 23",5 G |
| III. | 19h 17m | 90°46' |
| 76 7-13 | 5s,52 G | 46",9 G |
| 8-25 | 5,44 G | 45,6 G |

### 26019 P. — 36516-17 L.

| A. M. J. | AR | P |
|---|---|---|
| II. | 19h 16m | 112°50' |
| 55 8-11 | 14s,34 G | |
| 61 8-27 | 14,33 G | 26",3 G |
| III. | 19h 17m | 112°48' |
| 79 8-2 | 8s,23 J | 45",4 J |

### 26020 P. — 36576 L

| A. M. J. | AR | P |
|---|---|---|
| II. | 19h 16m | 68°4' |
| 59 7-15 | 31s,65 G | 37",3 G |
| III. | 19h 17m | 68°2' |
| 70 7-23 | 10s,35 G | 56",6 G |
| 8-6 [1] | 10,34 G | 56,9 G |

[1] P augmentée de 2" : erreur de moy.

### 26021 P. — 36520 L.

| A. M. J. | AR | P |
|---|---|---|
| II. | 19h 16m | 109°11' |
| 59 8-23 | 18s,58 G | 43",3 G |

### 26022 P. — 3995 A + 19°.

| A. M. J. | AR | P |
|---|---|---|
| II. | 19h 16m | 70°4' |
| 54 7-18 | | 15",4 G |

### 26023 P. — 36607 L.

| A. M. J. | AR | P |
|---|---|---|
| III. | 19h 17m | 54°2' |
| 68 8-4 | 16s,75 G | 4",6 G |
| 75 8-25 | 16,70 M | 4,4 M |

### 26024 P. — 36563 L.

| A. M. J. | AR | P |
|---|---|---|
| II. | 19h 16m | 80°45' |
| 56 7-14 | 36s,35 G | |
| 57 8-22 | 36,46 G | 25",4 G |
| III. | 19h 17m | 80°43' |
| 71 8-9 | 19s,37 M | 47",4 M |

### 26025 P. — 390 W1.

| A. M. J. | AR | P |
|---|---|---|
| II. | 19h 16m | 86°3' |
| 59 7-8 | 34s,98 G | |

### 26026 P. — 392 W1.

| A. M. J. | AR | P |
|---|---|---|
| II. | 19h 16m | 84°52' |
| 63 7-5 [1] | 39s,17 M | 47",2 M |

[1] AR diminuée de 1m : erreur de transcr.

### 26027 P. — 36552 L.

| A. M. J. | AR | P |
|---|---|---|
| II. | 19h 16m | 95°46' |
| 56 7-31 | 36s,64 G | |
| 57 7-31 | | 7",4 G |
| 8-28 | | 7,1 G |
| III. | 19h 17m | 95°44' |
| 74 7-20 | 24s,53 G | 27",4 G |
| 7-21 | 24,49 G | 28,5 G |
| 8-21 | 24,69 G | 28,0 G |

### 26028 P. — 36578 L.

| A. M. J. | AR | P |
|---|---|---|
| II. | 19h 16m | 75°20' |
| 58 9-25 [1] | 44s,83 G | 41",4 G |
| III. | 19h 17m | 75°19' |
| 71 9-3 | 25s,57 G | 3",0 G |
| 9-15 | 25,95 G | |
| 75 7-29 | 25,77 G | 3,2 G |
| 7-31 | 25,60 G | 3,7 G |

[1] P diminuée de 4'.

### 26029 P. — 36599 à 601 L.

| A. M. J. | AR | P |
|---|---|---|
| I. | 19h 16m | 63°7' |
| 40 8-16 | 15s,17 G | |
| II. | 19h 16m | 63°6' |
| 58 8-8 | | 17",5 G |
| III. | 19h 17m | 63°4' |
| 73 7-18 | 28s,10 G | 37",3 G |
| 74 7-27 | 28,08 M | 38,0 M |
| 75 8-11 | 28,13 G | 39,5 G |
| 8-16 | 28,11 G | 38,1 G |
| 76 7-21 | 28,12 M | 38,1 M |
| 7-29 | 28,05 M | 38,6 M |
| 8-16 | 28,08 M | 39,4 M |

### 26030 P. — 36566 L.

| A. M. J. | AR | P |
|---|---|---|
| II. | 19h 16m | 81°59' |
| 58 7-3 | 48s,85 G | |
| 7-13 | 49,08 G | 8",9 G |
| 9-15 | 48,65 G | |
| III. | 19h 17m | 81°57' |
| 74 7-29 | 32s,17 M | 28",0 M |
| 7-31 | 32,22 M | 27,6 M |

### 26031 P. — 36554 L.

| A. M. J. | AR | P |
|---|---|---|
| III. | 19h 17m | 99°34' |
| 69 7-26 | 33s,24 M | 41",1 M |
| 74 8-22 | 32,95 G | 40,7 G |
| 8-26 | 32,90 G | 39,6 G |
| 8-31 [1] | 32,94 G | 40,7 G |
| 76 8-4 | 32,93 M | 39,9 M |

[1] P diminuée de 2'.

### 26032 P. — 36589 L.

| A. M. J. | AR | P |
|---|---|---|
| II. | 19h 16m | 75°33' |
| 59 7-24 | 56s,51 G | |
| 60 8-9 | 56,19 G | 15",4 G |
| III. | 19h 17m | 75°31' |
| 71 8-12 | 37s,83 G | |
| 75 9-6 | 37,68 G | 34",8 G |

### 26033 P. — 36572 L.

| A. M. J. | AR | P |
|---|---|---|
| II. | 19h 16m | 81°36' |
| 58 9-6 | 54s,93 G | |

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### 26033 (suite).

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | III. | |
| | 19h 17m | 81° 34′ |
| 71 8-10 | 38s,10 M | 46″,3 M |
| 8-11 | 38,08 M | 46,0 M |

### 26034 P. — 36533 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | I. | |
| | 19h 15m | 114° 48′ |
| 39 7-27 | 50s,30 G | |
| 7-28 | 50,25 G | 12″,2 F |
| 8-24 | 50,26 G | |
| 9- 4 | 50,40 G | |
| 9-10 | 50,16 G | |
| 40 7-14 | 50,24 G | 13,0 F |
| 8- 9 | 50,34 G | |
| 8-14 | 50,29 G | |
| 8-29 | 50,24 G | |
| 8-31 | 50,54 G | |
| 43 10-14 | 50,05 G | |
| 46 7- 7 | 50,29 G | |
| 7- 9 | 50,17 G | |
| 7-22 | 50,39 G | |
| 47 8- 4 | 50,10 G | |
| 48 10- 3 | 50,31 G | |
| 50 7-30 | | 14,8 G |
| 52 8-25 | 50,24 G | |
| | II. | |
| | 19h 16m | 114° 46′ |
| 55 7-20 | 45s,01 G | |
| 57 8-30 | 45,12 G | 34″,1 G |
| 60 9- 1 | 45,08 G | 35,3 G |
| | III. | |
| | 19h 17m | 114° 44′ |
| 79 7-17 | 40s,09 J | 57″,9 J |

### 26035 P. — 36555 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | II. | |
| | 19h 16m | 102° 53′ |
| 57 9- 9 | | 5″,8 G |
| | III. | |
| | 19h 17m | 102° 51′ |
| 70 8-20 | 41s,47 M | 25″,7 M |
| 76 7-10 | 41,64 G | 26,7 G |
| 7-11 | 41,62 G | 26,8 G |

### 26036 P. — 3820 A + 11°.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | II. | |
| | 19h 17m | 78° 37′ |
| 63 7- 9 | 1s,19 M | |

### 26037 P. — 36611 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | III. | |
| | 19h 17m | 63° 58′ |
| 70 7-20 | 43s,59 G | 33″,1 G |
| 76 8- 9 | 43,40 M | 35,9 M |

### 26038 P. — 36603 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | II. | |
| | 19h 17m | 69° 59′ |
| 57 8-13 | | 34″,1 G |
| | III. | |
| | 19h 17m | 69° 57′ |
| 71 8-27 | 45s,56 G | 54″,4 G |
| 8-28 | 45,47 G | 54,3 G |

### 26039 P. — 36638 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | II. | |
| | 19h 17m | 50° 46′ |
| 67 8-10 | 15s,80 G | 41″,4 G |

### 26040 P. — 36539 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | I. | |
| | 19h 15m | 114° 42′ |
| 40 7-14 | 57s,55 G | |
| 8- 9 | 57,43 G | |
| 8-14 | 57,63 G | |
| | II. | |
| | 19h 16m | 114° 40′ |
| 57 6-29 | 52s,01 G | 56″,2 G |
| 60 9- 1 | | 56,7 G |
| | III. | |
| | 19h 17m | 114° 39′ |
| 79 8-12 | 46s,65 M | 16″,6 M |
| 8-26 | 46,62 M | 16,6 M |
| 9- 2 | 46,62 M | 16,7 M |

### 26041 P. — 36557 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | II. | |
| | 19h 16m | 105° 17′ |
| 54 8-26[1] | 55s,39 G | |
| 58 10- 6 | | 38″,6 G |

[1] Æ diminuée de 1m.

### 26042 P. — 405 W1.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | II. | |
| | 19h 17m | 81° 57′ |
| 58 7- 3 | | 31″,9 G |

### 26043 P. — 36628 et 30 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | II. | |
| | 19h 17m | 56° 44′ |
| 67 8- 9 | 18s,93 G | 49″,4 G |
| 8-19 | 18,94 G | 49,8 G |
| | III. | |
| | 19h 17m | 56° 43′ |
| 68 7-30 | 52s,45 G | 8″,9 G |
| 79 7-13 | 52,65 G | 8,2 G |

### 26044 P. — 36623 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | III. | |
| | 19h 17m | 59° 58′ |
| 81 7-18 | 53s,41 J | 4″,3 J |
| 8- 8 | 53,14 J | 5,1 J |

### 26045 P. — 36550 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | I. | |
| | 19h 16m | 114° 15′ |
| 39 7-31 | 6s,52 G | |
| 8- 1 | 6,57 G | |
| 9- 6 | | 36″,6 F |
| 46 7-17 | 6,28 G | |
| 47 9-25 | 6,30 G | |
| 48 10-11 | 6,48 G | |
| | II. | |
| | 19h 17m | 114° 13′ |
| 57 8-12 | 1s,12 G | 57″,3 G |
| 62 9-12 | 1,05 G | 58,1 G |

### 26046 P. — 36587 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | II. | |
| | 19h 17m | 81° 51′ |
| 56 8-26 | | 25″,9 G |
| 57 7-19 | 13s,86 G | 22,9 G |

### 26047 P. — τ Dragon.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | I. | |
| | 19h 18m | 16° 56′ |
| 50 5-28 | 29s,54 G | 0″,8 G |
| 5-29 | 29,67 G | 1,5 G |
| 51 2- 4 I | 29,81 G | |
| 53 1-19 I | 29,32 G | |
| 1-24 I | 28,58 G | |
| 3-14 I | 29,77 G | |
| 7-20 | 29,82 G | |
| 7-23 | 29,56 G | |
| 7-28 | 29,74 G | |
| 7-30 | 29,81 G | |
| | II. | |
| | 19h 18m | 16° 54′ |
| 64 7-27 | | 18″,7 G |
| 7-28 | | 19,4 G |
| 8- 1 | | 19,2 G |
| 8-26 | | 19,1 G |
| 65 8-30 | | 18,1 G |

### 26048 P. — 36584 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | II. | |
| | 19h 17m | 95° 41′ |
| 55 8-21 | | 16″,2 G |
| | III. | |
| | 19h 18m | 95° 39′ |
| 79 8- 9 | 4s,87 J | 36″,2 J |

### 26049 P. — 36577 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | II. | |
| | 19h 17m | 99° 43′ |
| 55 8-20 | | 15″,3 G |

### 26050 P. — 36612 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | II. | |
| | 19h 17m | 75° 24′ |
| 56 7-25 | | 18″,0 G |

### 26051 P. — 36604 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | II. | |
| | 19h 17m | 84° 42′ |
| 57 8-21 | | 21″,1 G |
| 58 9-13 | 29s,47 G | 21,4 G |
| | III. | |
| | 19h 18m | 84° 40′ |
| 71 8- 5 | 13s,79 M | 39″,9 M |

### 26052 P. — 36627 et 31 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | III. | |
| | 19h 18m | 66° 15′ |
| 81 7-29 | 14s,38 J | 53″,2 J |
| 8- 5 | 14,43 J | 54,4 J |
| 8-14 | 14,44 J | 53,6 J |
| 8-22 | 14,44 J | 53,2 J |

### 26053 P. — 36580 et 82 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | II. | |
| | 19h 17m | 104° 47′ |
| 59 7-11 | 27s,02 G | 48″,8 G |
| | III. | |
| | 19h 18m | 104° 46′ |
| 78 8-16 | 18s,12 G | 8″,6 G |

### 26054 P. — 36629 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | II. | |
| | 19h 17m | 70° 0′ |
| 58 9-12 | | 17″,6 G |
| 9-27 | 40s,91 G | |
| | III. | |
| | 19h 18m | 69° 58′ |
| 71 9- 2 | 19s,96 G | 37″,4 G |

### 26055 P. — 36590 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | II. | |
| | 19h 17m | 101° 46′ |
| 67 7-19 | 32s,78 M | 52″,8 M |

### 26056 P. — 36594 à 97 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | II. | |
| | 19h 17m | 95° 9′ |
| 55 9-27 | | 21″,7 G |
| 61 9- 5 | 35s,46 G | 19,8 G |

Dates 1800 + / Positions moyennes pour les époques du Catal.

**26057 P. — 36637 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | $19^h 18^m$ | 67° 40′ |
| 70 7-19 | $24^s,36$ G | 33″,8 G |
| 73 8-4 | 24,22 G | |
| 76 8-5 | 24,36 G | 35,0 G |

**26058 P. — 36635 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $19^h 17^m$ | 72° 15′ |
| 58 9-11 | | 3″,8 G |
| 62 7-19 | $50^s,78$ G | 3,4 G |
| III. | $19^h 18^m$ | 72° 13′ |
| 71 8-16 | $30^s,81$ G | |

**26059 P. — 36616 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $19^h 17^m$ | 88° 26′ |
| 56 5-23 | | 8″,9 G |
| 9-4 | | 10,0 G |
| 58 9-28 | $48^s,38$ G | |
| III. | $19^h 18^m$ | 88° 24′ |
| 79 7-29 | $33^s,99$ G | 27″,4 G |

**26060 P. — 20034 Mn$_1$.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $19^h 17^m$ | 67° 59′ |
| 59 7-15 | $59^s,71$ G | |

**26061 P. — 20047 Mn$_1$.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $19^h 17^m$ | 86° 5′ |
| 59 7-8 | $59^s,18$ G | |

**26062 P. — 36634 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $19^h 18^m$ | 80° 11′ |
| 57 8-18 | $1^s,65$ G | 2″,1 G |

**26063 P. — 36619 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $19^h 18^m$ | 92° 22′ |
| 60 8-6 | $1^s,11$ G | 49″,2 G |
| 8-26 | | 49,9 G |
| III. | $19^h 18^m$ | 92° 21′ |
| 79 8-20 | $47^s,93$ J | 7″,0 J |

**26064 P. — 36649 et 63-64 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $19^h 18^m$ | 57° 3′ |
| 66 7-20 | $17^s,21$ G | 12″,8 G |
| III. | $19^h 18^m$ | 57° 1′ |
| 69 9-8 | $50^s,89$ M | 32″,2 M |
| 79 8-9 | 50,99 G | 30,0 G |
| 80 9-1 | 51,02 J | 29,9 J |

**26065 P. — 36593 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | $19^h 17^m$ | 112° 4′ |
| 46 7-11 | $4^s,26$ G | |

**26066 P. — 36621 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $19^h 18^m$ | 94° 0′ |
| 57 8-10 | $4^s,72$ G | |

**26067 P. — 36647-48 L.**

**31 *b* Aigle.**

Étoile fondamentale.

**26068 P. — 36694-95 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $19^h 18^m$ | 47° 17′ |
| 67 8-2 | $32^s,81$ M | 41″,1 M |
| 9-6 | 32,84 M | 40,5 M |
| 9-10 | 32,92 M | 42,8 M |
| III. | $19^h 19^m$ | 47° 16′ |
| 80 9-3 | $1^s,57$ G | 0″,9 G |
| 81 7-26 | 1,49 G | 1,3 G |

**26069 P. — 102 Piazzi.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | $19^h 17^m$ | 120° 2′ |
| 39 9-6 | | 37″,3 F |
| 40 8-8 | $8^s,26$ G | |

**26070 P. — 36617 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | $19^h 17^m$ | 105° 21′ |
| 39 9-15 | $21^s,92$ G | |
| II. | $19^h 18^m$ | 105° 19′ |
| 59 8-16 | $12^s,91$ G | 35″,9 G |

**26071 P. — 36624 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | $19^h 19^m$ | 99° 15′ |
| 74 8-22 | $7^s,08$ G | 26″,8 G |
| 75 8-9 | 7,29 M | 28,3 M |
| 76 8-12 | 7,17 M | 26,9 M |

**26072 P. — 36642 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $19^h 18^m$ | 90° 12′ |
| 55 8-11 | | 25″,2 G |
| 57 7-31 | $21^s,60$ G | 29,3 G |
| 58 7-25 | | 28,3 G |
| 59 7-12 | 21,39 G | 27,6 G |

**26073 P. — 36639 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $19^h 18^m$ | 92° 20′ |
| 56 8-23 | | 2″,6 G |
| 60 8-6 | $21^s,21$ G | |

**26074 P. — 36656 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | $19^h 17^m$ | 73° 20′ |
| 39 9-6 | | 32″,4 F |
| 9-10 | $47^s,27$ G | |
| III. | $19^h 19^m$ | 73° 17′ |
| 71 7-28 | $8^s,14$ G | |
| 75 8-9 | 8,23 G | 9″,8 G |

**26075 P. — 36661 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | $19^h 19^m$ | 68° 43′ |
| 70 7-29 | $10^s,37$ G | 42″,6 G |
| 76 8-1 | 10,38 M | 43,4 M |

**26076 P. — 36646 L.**

**30 δ Aigle.**

Étoile fondamentale.

**26077 P. — 36676-77 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | $19^h 18^m$ | 60° 40′ |
| 40 8-9 | $0^s,87$ G | |
| III. | $19^h 19^m$ | 60° 37′ |
| 70 7-23 | $11^s,80$ G | 18″,4 G |

**26078 P. — 36685 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $19^h 18^m$ | 57° 32′ |
| 66 7-21 | $39^s,47$ G | 53″,9 G |

**26079 P. — 19219 A.O.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $19^h 19^m$ | 25° 8′ |
| 63 8-3 | $9^s,09$ M | 2″,5 M |
| 8-4 | 8,86 M | 3,1 M |

**26080 P. — 36734 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | $19^h 19^m$ | 38° 7′ |
| 81 8-7 | | 13″,3 G |

**26081 P. — 438 W$_1$.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | $19^h 17^m$ | 87° 6′ |
| 40 8-15 | $48^s,28$ G | |
| 8-27 | 48,14 G | |
| 8-28 | 48,34 G | |
| 9-29 | 48,16 G | |
| 9-30 | 48,28 G | |
| 10-10 | 48,37 G | |
| II. | $19^h 18^m$ | 87° 4′ |
| 57 7-21 [1] | $33^s,33$ G | |
| 7-27 | 33,48 G | |
| 8-20 | 33,35 G | |
| 58 7-14 | 33,50 G | |
| 7-25 | 33,50 G | |
| 7-26 | 33,49 G | |
| 8-6 | 33,53 G | |
| 8-7 | 33,57 G | |
| 8-30 | 33,41 G | |
| 9-5 | 33,46 G | |
| 59 7-25 | 33,45 G | |
| 61 7-18 | 33,39 G | |
| 7-19 | 33,51 G | |
| 8-27 | | 50″,3 G |

[1] 𝒜 diminuée de $1^m$ : erreur de transcr.

**26082 P. — 36625-26 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | $19^h 17^m$ | 104° 51′ |
| 39 8-24 | $36^s,86$ G | |
| 9-4 | 37,11 G | |
| II. | $19^h 18^m$ | 104° 49′ |
| 55 7-27 | $28^s,14$ G | |
| 58 10-6 | | 31″,7 G |

**26083 P. — 36670 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | $19^h 19^m$ | 68° 2′ |
| 70 8-6 | $19^s,90$ G | 19″,9 G |
| 76 8-10 | 19,92 M | 22,0 M |

**26084 P. — 36683 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $19^h 18^m$ | 62° 11′ |
| 58 8-8 | | 2″,3 G |

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|

**26084 P. (suite).**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 19h 19m | 62°9′ |
| 81 7-21 | 21s,49 M | 20″,0 M |

**26085 P. — 36674 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h 18m | 61°41′ |
| 59 7-16 | 46s,32 G | |

**26086 P. — 36718 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 19h 19m | 43°57′ |
| 68 7-30 | 22s,29 M | 6″,1 M |

**26087 P. — 20101 Mn1.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 19h 19m | 88°31′ |
| 71 8- 9 | 26s,64 M | 31″,7 M |

**26088 P. — 36689 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h 18m | 59°13′ |
| 67 9- 6 | 52s,74 G | 26″,8 G |
| III. | 19h 19m | 59°11′ |
| 68 8- 4 | 27s,62 G | 45″,9 G |

**26089 P. — 36673 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 19h 19m | 71°35′ |
| 71 8- 9 | 31s,14 G | 42″,2 G |
| 8-10 | 31,40 G | 41,6 G |

**26090 P. — 36706 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 19h 19m | 53°47′ |
| 68 8-13 | | 37″,1 G |

**26091 P. — 36659 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 19h 19m | 88°29′ |
| 71 8- 8 | 41s,04 M | 25″,6 M |
| 8-10 | 40,96 M | 26,0 M |

**26092 P. — 36652-53 L[1].**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h 18m | 104°25′ |
| 59 8-23 | 58s,71 G | 46″,4 G |

[1] La dist. pol. de 36653 L. doit être augmentée de 1′.

**26092 P. (suite).**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 19h 19m | 104°24′ |
| 78 8-12 | 49s,84 G | 3″,8 G |

**26093 P. — 36701-02 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 19h 19m | 66°26′ |
| 70 7-20 | 52s,69 G | 34″,8 G |
| 75 7-29 | 52,81 G | 31,9 G |

**26094 P. — 36662 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h 19m | 92°13′ |
| 57 8-28 | | 17″,0 G |
| III. | 19h 19m | 92°11′ |
| 78 7-29 | 52s,92 G | 36″,8 G |
| 7-30 | 52,67 G | 37,2 G |

**26095 P. — 36665 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h 19m | 90°22′ |
| 55 8-17 | | 27″,8 G |
| 56 7-31 | 6s,77 G | |
| 62 9-16 | 6,89 G | 28,4 G |
| III. | 19h 19m | 90°20′ |
| 76 8-25 | 52s,91 G | 45″,5 G |

**26096 P. — 36729-30 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h 19m | 51°3′ |
| 67 8-12 | 22s,53 G | 33″,4 G |

**26097 P. — 36698 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h 19m | 70°0′ |
| 58 9-27 | 16s,39 G | |

**26098 P. — 36742-43 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h 19m | 46°52′ |
| 59 9- 1 | | 57″,4 G |

**26099 P. — 36700 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 19h 18m | 70°30′ |
| 46 7-22 | 40s,70 G | |

**26099 P. (suite).**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h 19m | 70°28′ |
| 58 9-17[1] | 19s,74 G | |
| III. | 19h 19m | 70°26′ |
| 80 7-27[2] | 59s,53 G | 48″,3 G |
| 9- 5 | 59,39 M | 42,8 M |

[1] 𝒜 non inscrite au Catalogue : fils très discordants.
[2] 𝒫 non comprise dans la moyenne.

**26100 P. — 36672 et 84 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h 19m | 83°4′ |
| 56 7-14 | 16s,26 G | |
| 57 5-27 | | 37″,8 G |
| 58 10- 5 | | 38,3 G |
| 59 7-28 | 16,24 G | 37,6 G |
| III. | 19h 19m | 83°2′ |
| 71 8-11 | 60s,09 M | 56″,1 M |
| 75 6-30[1] | 60,15 M | 54,6 M |
| 76 8- 4 | 59,97 M | 56,0 M |

[1] 𝒫 augmentée de 1″ : erreur de réduct.

**26101 P. — 36839 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 19h 19m | 24°34′ |
| 37 7- 7 | 51s,58 G | |
| 7-24 | 51,77 G | |
| 9-20 | 51,67 G | 60″,7 F |
| 38 8-13 | 51,67 G | |
| 8-15 | 51,48 G | |
| 8-16 | 51,37 G | |
| 10-30 | 51,70 G | 58,4 F |
| 39 10- 9[1] | 51,80 G | |
| 40 8- 8 | 51,75 G | |
| 41 8-19 | 51,60 G | |
| 42 4-10 | 51,43 G | |
| 46 7-22 | | 60,8 G |

[1] 𝒜 diminuée de 1m : erreur de transcr.

**26102 P. — 36675 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h 19m | 88°27′ |
| 57 8-22 | 16s,29 G | 29″,0 G |
| 60 8- 9 | 16,26 G | 29,8 G |

**26103 P. — 36704 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 19h 20m | 68°57′ |
| 81 7-16 | 3s,58 J | 18″,8 J |

**26104 P. — 36732 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h 19m | 53°4′ |
| 59 8-10 | 32s,57 G | |

**26105 P. — 36696 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h 19m | 75°39′ |
| 67 8- 5 | 23s,09 M | 54″,8 M |
| 8-12 | 23,03 M | 55,7 M |
| III. | 19h 20m | 75°38′ |
| 71 8-28 | 4s,26 G | 13″,2 G |

**26106 P. — 36770 et 826 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 19h 20m | 39°58′ |
| 81 8- 6 | 6s,99 G | 19″,4 G |

**26107 P. — 36679 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 19h 18m | 89°57′ |
| 37 6-23 | 35s,27 G | |
| 8-25 | 35,37 G | |
| 41 9- 1 | 35,43 G | |
| II. | 19h 19m | 89°56′ |
| 55 9- 8 | | 13″,4 G |
| III. | 19h 20m | 89°54′ |
| 79 7-17 | 7s,57 J | 31″,1 J |
| 7-27 | 7,24 J | 32,4 J |
| 8- 2 | 7,43 J | 30,4 J |

**26108 P. — 8493 YF.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h 19m | 53°8′ |
| 59 8-10 | 38s,87 G | |

**26109 P. — 36657 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h 19m | 110°38′ |
| 55 7-21[1] | 19s,05 G | |

[1] 𝒜 diminuée de 2s : erreur de moy.

**26110 P. — 36717 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 19h 19m | 65°21′ |
| 46 7-19 | | 48″,7 G |
| II. | 19h 19m | 65°20′ |
| 58 9-10 | 38s,21 G | 14″,6 G |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. ($\mathcal{A}$, $\mathcal{P}$)

**26110 P. (suite).**

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | III. | $19^h20^m$ | 65°18′ |
| 70 | 7-18 | 15$^s$,46 G | 37″,3 G |
| 73 | 8-4 | 15,37 G | |

**26111 P. — 36761 L.**

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | III. | $19^h20^m$ | 47°19′ |
| 80 | 8-30 | 18$^s$,35 G | 16″,3 G |

**26112 P. — 36691 L.**

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | II. | $19^h19^m$ | 86°44′ |
| 59 | 7-21 | 34$^s$,66 G | 41″,8 G |
| | III. | $19^h20^m$ | 86°42′ |
| 79 | 8-26 [1] | 18$^s$,49 J | 58″,9 J |
| 81 | 7-18 | 19,55 M | 59,0 M |

[1] $\mathcal{A}$ non comprise dans la moyenne : erreur probable de 1$^s$.

**26113 P. — 36752 L.**

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | II. | $19^h19^m$ | 51°30′ |
| 67 | 7-30 | 50$^s$,79 G | 30″,8 G |

**26114 P. — 36666 L.**

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | II. | $19^h19^m$ | 108°37′ |
| 57 | 9-9 | | 40″,4 G |
| 60 | 7-13 | 31$^s$,53 G | 40,1 G |
| | 8-16 [1] | 31,36 G | 39,7 F |
| | III. | $19^h20^m$ | 108°35′ |
| 81 | 7-11 | 23$^s$,67 G | 58″,1 G |

[1] $\mathcal{P}$ diminuée de 1′.

**26115 P. — 36775 L.**

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | III. | $19^h20^m$ | 43°48′ |
| 81 | 8-5 | 24$^s$,84 G | |

**26116 P. — 19237 A.O.**

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | II. | $19^h20^m$ | 25°5′ |
| 63 | 7-7 [1] | 24$^s$,19 M | 49″,4 M |

[1] $\mathcal{P}$ augm. de 9″,3 : observation faite à l'aide du pointeur; on n'avait pas tenu compte dans la réduction de la correction dépendant de la distance du pointeur à l'index.

**26117 P. — 36715 L.**

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | III. | $19^h20^m$ | 77°13′ |
| 71 | 9-3 | 35$^s$,51 G | 34″,6 G |
| 75 | 7-27 | 35,53 G | 33,7 G |
| | 7-31 | 35,48 G | |

**26118 P. — 36759 L.**

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | III. | $19^h20^m$ | 54°14′ |
| 68 | 7-30 | 37$^s$,00 G | |
| 69 | 10-11 | 37,09 M | 48″,5 M |
| 75 | 8-25 | 36,95 M | 48,0 M |
| 76 | 7-29 | 36,95 M | 48,2 M |

**26119 P. — 471 $W_1$.**

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | I. | $19^h19^m$ | 86°0′ |
| 41 | 7-15 [1] | 10$^s$,37 G | |
| | 8-20 | 10,45 G | |
| | 8-21 | 10,25 G | |
| | 8-22 | 10,28 G | |
| | II. | $19^h19^m$ | 85°58′ |
| 59 | 7-8 | 55$^s$,27 G | |

[1] Erreur de 2° dans la déclinaison approchée inscrite au t. IV. Le registre porte ★ $h = 45°\,10'$.

**26120 P. — 36699 L.**

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | II. | $19^h19^m$ | 96°0′ |
| 57 | 8-2 | 52$^s$,30 G | 40″,4 G |
| 58 | 9-8 | 52,33 G | 40,6 G |
| | III. | $19^h20^m$ | 95°58′ |
| 74 | 8-21 | 40$^s$,32 G | 58″,4 G |

**26121 P. — 36678 L.**

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | II. | $19^h19^m$ | 110°47′ |
| 55 | 7-30 | 49$^s$,62 G | |

**26122 P. — 36736 L.**

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | III. | $19^h20^m$ | 70°8′ |
| 71 | 8-27 | 45$^s$,63 G | 54″,5 G |
| 75 | 8-11 | 45,74 G | 56,1 G |
| | 8-16 | 45,79 G | 55,9 G |

**26123 P. — 36745 et 47 L.**

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | III. | $19^h20^m$ | 65°11′ |
| 81 | 7-21 | 46$^s$,55 J | 40″,2 J |

**26124 P. — 36688 L.**

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | I. | $19^h19^m$ | 108°40′ |
| 39 | 7-16 | 4$^s$,03 G | |
| 41 | 9-13 | 3,96 G | |
| | II. | $19^h19^m$ | 108°38′ |
| 54 | 9-7 | 56$^s$,35 G | |
| 60 | 7-13 | 56,63 G | 18″,3 G |
| | III. | $19^h20^m$ | 108°36′ |
| 81 | 7-10 | 48$^s$,73 M | 33″,2 M |
| | 7-10 | 48,76 G | 34,0 G |
| | 7-11 [1] | 48,73 M | 33,9 M |
| | 9-4 | 48,79 J | 35,3 J |

[1] $\mathcal{P}$ augmentée de 3″,3 : erreur de moy.

**26125 P.—36757-58 L (la pl. austr.).**

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | III. | $19^h20^m$ | 61°29′ |
| 81 | 7-18 [1] | 49$^s$,02 J | 16″,6 J |
| | 8-7 | 48,78 J | 15,3 J |

[1] Erreur d'indication de la composante observée dans le volume de 1881. D'après le cahier-minute, on doit lire : *la 2e et la plus australe*.

**26126 P. — 36774 L.**

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | II. | $19^h20^m$ | 53°1′ |
| 67 | 8-19 | 20$^s$,44 G | 44″,3 G |

**26127 P. — 36765-66 L.**

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | II. | $19^h20^m$ | 56°4′ |
| 67 | 8-10 | 18$^s$,79 G | 52″,7 G |
| | 8-13 | | 54,1 G |
| | III. | $19^h20^m$ | 56°3′ |
| 80 | 7-28 | 52$^s$,02 G | 9″,9 G |

**26128 P. — 36793 L.**

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | III. | $19^h20^m$ | 46°43′ |
| 80 | 8-3 | 52$^s$,37 G | |

**26129 P. — 36708 L.**

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | III. | $19^h20^m$ | 92°16′ |
| 76 | 8-5 | | 14″,4 G |

**26130 P. — 8144 Brux.**

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | I. | $19^h19^m$ | 87°6′ |
| 43 | 9-5 | 27$^s$,55 G | |
| 49 | 7-20 | 27,63 G | |
| | II. | $19^h20^m$ | 87°4′ |
| 57 | 8-21 | 12$^s$,64 G | |
| 58 | 7-3 | 12,73 G | |
| 59 | 7-10 | 12,76 G | |
| | 7-23 | 12,72 G | |
| | 7-25 | 12,67 G | |
| 61 | 7-18 | 12,68 G | 24″,2 G |
| | 8-14 | 12,64 G | 22,9 G |

**26131 P. — 36750 L.**

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | I. | $19^h19^m$ | 70°24′ |
| 41 | 7-18 | 41$^s$,82 G | |
| 46 | 8-9 | 41,96 G | |

**26132 P. — 36754 L.**

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | II. | $19^h20^m$ | 70°1′ |
| 56 | 9-19 | 24$^s$,32 G | 5″,6 G |
| 57 | 8-13 | | 4,7 G |
| 58 | 9-27 | 24,31 G | |

**26133 P. — 36690 et 741 L.**

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | I. | $19^h19^m$ | 78°14′ |
| 41 | 8-18 | 41$^s$,22 G | |
| | II. | $19^h20^m$ | 78°12′ |
| 56 | 8-14 | 23$^s$,30 G | |
| 57 | 6-2 | | 56″,0 G |
| | III. | $19^h21^m$ | 78°11′ |
| 71 | 8-12 | 5$^s$,70 G | |
| 75 | 8-16 | 5,58 M | 13″,4 M |
| 76 | 8-16 | 5,59 M | 14,0 M |

**26134 P. — 36767-68 L.**

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | II. | $19^h20^m$ | 61°37′ |
| 59 | 7-16 | 31$^s$,29 G | |
| | III. | $19^h21^m$ | 61°36′ |
| 70 | 7-23 | 7$^s$,54 G | |
| | 7-29 | 7,50 G | |
| 76 | 7-10 | 7,34 G | 8″,8 G |
| | 7-11 | 7,33 G | 9,0 G |

**26135 P. — 617 $W_2$.**

| A. | M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|---|
| | II. | $19^h20^m$ | 63°15′ |
| 58 | 7-15 | 35$^s$,81 G | 29″,4 G |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜, 𝒫)

**26136 P. — 36714 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 19h20m | 99°42′ |
| 55 8- 6 | | 21″,5 G |
| | III. | |
| | 19h21m | 99°40′ |
| 79 8-12 | 12s,67 J | 35″,9 J |
| 9- 2 | 12,70 J | 35,9 J |

**26137 P. — 36712 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 19h20m | 102°25′ |
| 54 9-18 | 23s,23 G | |
| 57 8-12 | 23,22 G | 17″,0 G |
| 59 7-11 | 23,39 G | 18,9 G |

**26138 P. — 36744 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | III. | |
| | 19h21m | 80°45′ |
| 71 8- 5 | 14s,09 M | 5″,6 M |
| 76 7-21 | | 5,9 M |

**26139 P. — 36721 à 24 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | I. | |
| | 19h19m | 95°7′ |
| 41 9-11 | 38s,81 G | |
| 9-19 | 38,79 G | |
| | II. | |
| | 19h20m | 95°5′ |
| 60 8-12 | 26s,64 G | |
| 9- 1 | 26,66 G | 52″,4 G |
| | III. | |
| | 19h21m | 95°4′ |
| 74 9- 1 | 14s,39 G | 7″,0 G |

**26140 P. — 36804 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | III. | |
| | 19h21m | 46°35′ |
| 80 8- 3 | | 14″,3 G |

**26141 P. — 36824-25 et 27 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | I. | |
| | 19h20m | 40°3′ |
| 45 8-12 | 28s,71 G | |
| | III. | |
| | 19h21m | 40°0′ |
| 80 8- 9 | 15s,90 G | 14″,8 G |
| 81 7-28 | 15,67 G | 14,6 G |

**26142 P. — 8149 Brux.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 19h20m | 78°38′ |
| 63 7- 9 [1] | | 49″,8 M |

[1] 𝒫 augmentée de 9″,3 : observation faite à l'aide du pointeur; on n'avait pas tenu compte dans la réduction de la correction dépendant de la distance du pointeur à l'index.

**26143 P. — 36720 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 19h20m | 99°49′ |
| 55 9-27 | | 1″,8 G |
| | III. | |
| | 19h21m | 99°47′ |
| 74 8-22 | 22s,07 G | 18″,7 G |
| 75 8-25 | 22,25 G | |

**26144 P — 36772 L (la 1re).**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | III. | |
| | 19h21m | 69°5′ |
| 79 7-29 | 24s,16 G | 10″,4 G |

**26145 P. — 36772 L (centre).**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 19h20m | 69°6′ |
| 58 8-30 | 45s,54 G | |

**26146 P. — 492 W$_1$.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | III. | |
| | 19h21m | 90°42′ |
| 68 8-26 | 24s,27 M | 0″,6 M |

**26147 P. — 624 W$_2$.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 19h20m | 62°54′ |
| 58 9-14 | 51s,02 G | |

**26148 P. — 36719 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | I. | |
| | 19h19m | 105°24′ |
| 39 9- 4 | 46s,32 G | |
| | II. | |
| | 19h20m | 105°23′ |
| 54 9- 5 | 37s,52 G | |
| 9- 8 | 37,46 G | |
| 9- 9 | 37,45 G | |
| 9-10 | 37,45 G | |
| 58 10- 6 | | 0″,7 G |
| | III. | |
| | 19h21m | 105°21′ |
| 79 8-20 | 28s,54 J | 16″,7 J |

**26149 P. — 36785 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 19h20m | 62°57′ |
| 58 8- 8 | | 32″,5 G |
| 9-14 | 52s,00 G | 32,5 G |
| 9-16 | 51,86 G | 33,5 G |
| | III. | |
| | 19h21m | 62°55′ |
| 70 8- 6 | 28s,66 G | 47″,5 G |

**26150 P. — 495 W$_1$.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | I. | |
| | 19h19m | 85°35′ |
| 40 8-15 | 59s,90 G | |
| 8-16 | 59,95 G | |
| 45 9-11 | 59,83 G | |
| | II. | |
| | 19h20m | 85°34′ |
| 57 7-12 [1] | 44s,54 G | |

[1] Erreur de 2′ dans la déclinaison approchée inscrite au t. XIII.

**26151 P. — 19598 A.O.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 19h20m | 119°59′ |
| 58 8-19 | 33s,65 G | |

**26152 P. — 496 W$_1$.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | I. | |
| | 19h20m | 86°20′ |
| 40 8-25 [1] | 0s,98 G | |
| 8-28 | 0,82 G | |

[1] 𝒜 augmentée de 17s,27 : erreur d'un rang dans l'ordre des fils observés.

**26153 P. — 36727-28 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 19h20m | 104°26′ |
| 54 9-11 | 41s,84 G | |
| 61 9- 5 | 41,89 G | 32″,1 G |
| | III. | |
| | 19h21m | 104°24′ |
| 79 7-15 | 32s,81 M | 44″,7 M |

**26154 P. — 36751 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | I. | |
| | 19h20m | 88°8′ |
| 39 7-27 | 2s,22 G | |
| 7-28 | 2,26 G | 5″,2 F |
| 7-30 | 2,31 G | 4,5 F |
| 9- 6 | | 5,8 F |
| 49 8-31 | 2,36 G | |
| | II. | |
| | 19h20m | 88°6′ |
| 56 8-31 | | 21″,0 G |
| 59 6-14 | 47s,48 G | |

**26154 P. (suite).**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | III. | |
| | 19h21m | 88°4′ |
| 71 8- 1 [1] | 33s,08 M | 36″,5 M |

[1] 𝒫 diminuée de 1′.

**26155 P. — 504 W$_1$.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | I. | |
| | 19h20m | 81°8′ |
| 40 7-29 | 7s,41 G | |
| 8- 2 [1] | 6,91 G | 3″,7 F |

[1] 𝒜 non comprise dans la moy.: obs. notée *douteuse*.

**26156 P. — 36756 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | I. | |
| | 19h20m | 86°32′ |
| 41 8-28 | | 36″,7 F |
| | II. | |
| | 19h20m | 86°30′ |
| 58 9- 6 | 48s,56 G | 51″,9 G |
| | III. | |
| | 19h21m | 86°29′ |
| 71 8- 8 | 33s,77 M | |
| 74 7-30 | 33,66 M | 7″,0 M |
| 8- 6 | 33,79 M | 7,4 M |

**26157 P. — 36749 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 19h20m | 91°37′ |
| 57 8- 9 | 47s,78 G | |
| | III. | |
| | 19h21m | 91°35′ |
| 78 7-28 | 34s,41 G | 24″,1 G |
| 79 7-28 | 34,44 J | 24,3 J |

**26158 P. — 36778 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 19h20m | 69°10′ |
| 58 8-28 | | 21″,1 G |
| 8-30 | 55s,49 G | |
| | III. | |
| | 19h21m | 69°8′ |
| 79 7-13 | 34s,44 G | 34″,6 G |

**26159 P. — 36808 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | I. | |
| | 19h20m | 53°59′ |
| 46 7- 9 | 34s,08 G | |
| 7-11 | 34,22 G | |
| 7-30 | 34,41 G | |
| 8-14 | 34,44 G | |
| 52 8-11 [1] | | 22″,7 F |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜., 𝒫.)

### 26159 P. (suite).

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 19h21m | 53°57′ |
| 63 7- 9 | 6s,40 G | |
| 7-10 | 6,56 G | |
| 7-11 | 6,43 G | |
| 7-17 | 6,45 G | |
| 7-24 | 6,43 G | |
| 7-30 | 6,52 G | |
| 8- 1 | 6,37 G | |
| 8- 9 | 6,58 G | |
| 8-13 | 6,58 G | |
| 8-14 | 6,47 M | |
| 8-14 | 6,66 G | |
| 64 6-22 | 6,61 G | |
| 7- 5 | 6,55 G | |
| 7-27 | | 39″,9 G |
| 7-28 | | 38,5 G |
| 8- 1 | | 39,5 G |
| 8- 2 | 6,67 G | |
| 8- 3 | 6,55 G | |
| 8- 6 | 6,60 G | |
| 8-26 | | 39,4 G |
| 8-27 | 6,48 G | |
| 8-28 | 6,76 G | |
| 8-29 | 6,71 G | |
| 9- 1 | 6,60 G | |
| 65 8-30 | | 39,5 G |
| 9- 1 | 6,63 G | |
| 9- 8 | 6,72 G | |
| 9-13 | 6,68 G | |
| 67 8- 9 | 6,73 G | 39,2 G |
| | III. | |
| | 19h21m | 53°55′ |
| 68 8- 4 | 38s,95 G | 55″,6 G |
| 72 7- 1 | 38,94 G | |
| 7- 4 | 39,07 G | |
| 7- 9 | 39,08 G | |
| 7-19 | 38,92 G | |
| 7-21 | 38,99 G | |
| 7-22 | 38,94 G | |
| 8-17 | 39,00 G | |
| 8-18 | 38,96 G | |
| 8-19 | 38,87 G | |
| 8-28 | 38,98 G | |
| 8-31 | 38,98 G | |
| 9- 1 | 38,95 G | |
| 9- 7 | 39,16 G | |
| 9- 9 | 38,92 G | |

[1] 𝒫 diminuée de 45″ : erreur de moy.

### 26160 P. — 36755 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 19h21m | 90°40′ |
| 76 8-11 | 40s,00 G | 19″,0 G |
| 8-12 | 39,99 G | 20,5 G |
| 8-17 | 39,96 G | 19,3 G |

### 26161 P. — 36806-07 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 19h21m | 55°59′ |
| 67 8-24 | 8s,42 G | 30″,7 G |
| | III. | |
| | 19h21m | 55°57′ |
| 68 8- 7 | 41s,77 G | |
| 76 7-20 | 41,91 M | 44″,4 M |
| 8- 9 | 41,62 M | 45,9 M |
| 8-10 | 41,77 M | 45,5 M |
| 8-12 | 41,77 M | 44,3 M |

### 26162 P. — 36748 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 19h21m | 99°27′ |
| 68 8-12 | 45s,46 M | 32″,5 M |
| 75 8- 9 | 45,54 G | 31,4 G |
| 8-26 | 45,46 G | |

### 26163 P. — 36819-20 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 19h21m | 51°26′ |
| 80 8-30 | 46s,14 J | 5″,5 J |
| 81 8- 8 | 46,23 J | 5,6 J |

### 26164 P. — 36781 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 19h21m | 75°59′ |
| 59 7-24 | 7s,51 G | |
| | III. | |
| | 19h21m | 75°58′ |
| 71 8- 1 | 48s,73 G | |
| 8- 7 | 48,91 M | 8″,2 M |
| 8- 7 | 48,99 G | 8,5 G |
| 8-16 | 49,04 G | |
| 9- 2 | 48,76 G | 7,6 G |

### 26165 P. — 36802 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 19h21m | 60°46′ |
| 70 7-20 | 49s,94 G | 6″,9 G |
| 7-22 | 50,02 G | 8,2 G |
| 73 8- 4 | 49,78 G | |

### 26166 P. — 36764 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 19h20m | 81°20′ |
| 41 7-16 | 24s,42 G | 35″,6 G |
| | II. | |
| | 19h21m | 81°18′ |
| 56 7- 3 | 7s,65 G | |
| 58 9-15 | 7,65 G | |
| 10- 3 | | 51″,7 G |
| 59 7-26 | 7,60 G | 50,5 G |

### 26167 P. — 36779 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 19h21m | 77°47′ |
| 58 8-16 | 9s,67 G | 32″,0 G |
| 59 8-28 | 9,81 G | 32,7 G |

### 26168 P. — 36773 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 19h21m | 84°56′ |
| 56 9- 6 | 8s,78 G | |
| 59 8-23[1] | 8,92 G | 3″,3 G |
| 8-24 | 8,74 G | |

### 26168 P. (suite).

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 19h21m | 84°54′ |
| 71 8- 9 | 53s,20 M | 20″,0 M |

[1] 𝒜 diminuée de 0s,40 : erreur de moy.

### 26169 P. — 36789 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 19h21m | 71°59′ |
| 56 8-30 | 13s,56 G | |
| 58 7-26 | 13,62 G | 2″,8 G |
| 8-31[1] | 13,37 G | |
| 9-12 | 13,69 G | 3,9 G |

[1] 𝒜 diminuée de 1s : erreur de réduct.

### 26170 P. — 36763 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 19h21m | 90°28′ |
| 55 8-21 | | 9″,2 G |
| | III. | |
| | 19h21m | 90°26′ |
| 76 7-20 | 55s,19 G | 26″,0 G |
| 7-29 | 55,19 G | 25,6 G |
| 8- 8 | 55,27 G | 26,0 G |

### 26171 P. — 36833 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 19h22m | 49°37′ |
| 80 9- 5 | 0s,81 G | 31″,0 G |
| 81 7-21 | 0,61 G | 32,7 G |

### 26172 P. — 36837-38 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 19h21m | 47°59′ |
| 40 9-21 | 4s,18 G | |

### 26173 P. — 6695 Albany.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 19h21m | 84°53′ |
| 59 8-23 | 18s,48 G | |

### 26174 P. — 133 Piazzi.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 19h20m | 87°22′ |
| 37 8- 7 | 33s,84 G | |
| 8- 8 | 33,87 G | |
| 39 8-21 | | 49″,7 F |
| 8-23 | 33,73 G | |
| 9- 6 | | 50,8 F |
| 40 7-27 | 33,77 G | 48,8 F |

### 26175 P. — 20299 Mn1.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 19h20m | 89°54′ |
| 37 6-21 | 32s,92 G | |
| 6-23 | 32,88 G | |
| 7-29 | 32,88 G | |
| 40 7-16 | 32,84 G | |
| 7-17 | 33,02 G | 24″,7 F |
| 8- 1 | 32,74 G | 22,5 F |
| 8- 3 | 32,87 G | |
| 41 7- 6 | 33,06 G | |
| 7-29 | 32,96 G | |

### 26176 P. — 36782 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 19h21m | 84°44′ |
| 58 9-13 | | 57″,3 G |
| | III. | |
| | 19h22m | 84°43′ |
| 71 8-11 | 5s,42 M | 12″,1 M |
| 8-12 | 5,35 M | 12,0 M |

### 26177 P. — 36733 et 37 à 39 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 19h20m | 117°17′ |
| 37 6-25 | 16s,52 G | 47″,4 F |
| 8-27 | 16,42 G | |
| 39 6-26 | 16,66 G | |
| 7- 1 | 16,77 G | |
| 7- 3 | 16,63 G | |
| 41 8- 6 | 16,58 G | |
| 9- 8 | 16,73 G | |
| | II. | |
| | 19h21m | 117°16′ |
| 55 7-19 | 12s,49 G | |
| 56 8- 4 | | 5″,7 G |
| | III. | |
| | 19h22m | 117°14′ |
| 79 7-30 | 8s,01 J | |
| 8-16 | 8,18 J | 22″,4 J |

### 26178 P. — 36874 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 19h21m | 40°14′ |
| 45 8- 9 | 24s,06 G | |
| | III. | |
| | 19h22m | 40°10′ |
| 80 8-23 | 11s,55 J | 37″,1 J |
| 8-26 | 11,28 J | 36,8 J |

### 26179 P. — 20306 Mn1.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 19h21m | 86°5′ |
| 59 7- 8 | 28s,55 G | |

### 26180 P. — 37063 L.

| Dates 1800 + A. | M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 19h23m | 13°40' |
| 53 | 3- 1 I | 19s,78 G | |
| | 3-12 I | 17,27 G | |
| | 3-15 I | 18,38 G | |
| | 7-16 | 18,52 G | |
| | 7-20 | 19,00 G | |
| | 7-23[1] | 16,68 G | |
| | 7-30 | 18,75 G | |

[1] 𝒜 non comprise dans la moyenne : observation faite à 3 fils très discordants.

### 26181 P. — 36818 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 19h22m | 66°4' |
| 70 | 7-18 | 16s,55 G | 14",5 G |
| | 7-19 | 16,55 G | 14,9 G |
| 74 | 7-18 | 16,51 M | 14,4 M |
| | 7-20 | 16,74 M | 14,5 M |

### 26182 P. — 36795 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h21m | 80°37' |
| 57 | 7-19 | 33s,82 G | 59",6 G |
| 58 | 7- 1[1] | 33,87 G | |
| | III. | 19h22m | 80°36' |
| 74 | 8- 3 | 16s,90 M | 16",5 M |

[1] 𝒜 augm. de 0s,60 : erreur de 1 sur 3 fils (observée avec 36805 Lal.).

### 26183 P. — 36776 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 19h22m | 96°25' |
| 74 | 7-18 | 17s,41 G | 36",9 G |
| | 7-20 | 17,36 G | 36,2 G |
| | 8-21 | 17,44 G | 39,7 G |
| 75 | 8-20 | 17,54 M | 39,7 M |
| | 9- 7 | 17,59 M | 40,1 M |
| 76 | 8- 1 | 17,41 M | 39,0 M |
| | 8- 4 | 17,47 M | 39,6 M |
| | 8-17 | 17,58 M | 40,3 M |

### 26184 P. — 36842 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 19h22m | 54°20' |
| 80 | 9- 2 | 21s,20 J | 39",6 J |
| 81 | 8-14 | 21,40 J | 39,8 J |

### 26185 P. — 36841 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h21m | 55°6' |
| 66 | 7-20 | 49s,33 G | 5",9 G |
| | III. | 19h22m | 55°4' |
| 74 | 8-26 | 22s,27 M | 19",3 M |
| 79 | 8-12 | 22,35 G | 18,2 G |

### 26186 P. — 36796 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h21m | 83°58' |
| 57 | 7-21 | 40s,79 G | 46",5 G |
| 58 | 7-19 | 40,83 G | 46,3 G |
| 62 | 7-19 | 40,80 G | 47,3 G |

### 26187 P. — 36794 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h21m | 86°35' |
| 56 | 8-26 | 40s,89 G | |
| 57 | 8- 6 | | 18",6 G |
| | III. | 19h22m | 86°33' |
| 71 | 8-10 | 25s,77 M | 33",3 M |

### 26188 P. — 529 W1.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II | 19h21m | 77°44' |
| 59 | 8-13 | 44s,01 G | |

### 26189 P. — 36771 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 19h20m | 105°40' |
| 41 | 7- 5 | 43s,78 G | |
| | II. | 19h21m | 105°38' |
| 54 | 8-27 | 35s,02 G | |
| 61 | 8- 5 | 35,28 G | |
| 67 | 7-19 | | 33",7 M |
| | III. | 19h22m | 105°36' |
| 70 | 7-16[1] | 26s,57 M | 50",1 M |
| | 8-19 | 26,51 M | 48,6 M |
| | 8-20 | 26,44 M | 48,9 M |
| 81 | 7-15[2] | 26,41 M | 49,2 M |

[1] 𝒜 augmentée de 1m.
[2] 𝒜 augmentée de 1m : erreur de transcription.

### 26190 P. — 36823 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 19h21m | 70°3' |
| 50 | 8-13 | 8s,26 G | |
| | 8-24 | 8,43 G | |
| | II. | 19h21m | 70°2' |
| 58 | 9-27[1] | 47s,50 G | |
| 60 | 8- 4 | 47,64 G | 2",8 G |
| | III. | 19h22m | 70°0' |
| 71 | 8-10 | 26s,82 G | 18",8 G |
| | 8-28 | 26,68 G | 17,1 G |
| | 9-15 | 27,03 G | |

[1] 𝒜 augmentée de 5s.

### 26191 P. — 36846 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 19h22m | 55°23' |
| 80 | 9- 9 | 27s,50 J | 27",9 J |
| 81 | 7-29 | 27,34 J | 26,3 J |
| | 8- 1 | 27,42 J | 27,8 J |
| | 8- 2 | 27,58 J | 28,1 J |
| | 8- 4 | | 30,1 J |

### 26192 P. — 36805 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h21m | 80°39' |
| 57 | 7-19 | 46s,78 G | |
| 58 | 7- 1[1] | 46,73 G | 10",4 G |
| | III. | 19h22m | 80°37' |
| 72 | 7-16 | 29s,81 G | |
| 74 | 7-29 | 29,78 M | 26",8 M |
| | 7-31 | 29,75 M | 25,8 M |

[1] 𝒜 diminuée de 0s,26 : erreur de moy. et de 1s sur 2 fils (observée avec 36795 L.).

### 26193 P. — 36856 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h21m | 50°19' |
| 66 | 7-21 | 59s,50 G | 7",0 G |
| | III. | 19h22m | 50°17' |
| 68 | 7-30 | 29s,91 G | 22",5 G |
| 79 | 7-17 | 30,02 G | 18,6 G |

### 26194 P. — 36821 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h21m | 72°26' |
| 58 | 7-17 | 51s,44 G | 3",5 G |
| | 9-25 | 51,74 G | 3,2 G |
| | III. | 19h22m | 72°24' |
| 71 | 7-21 | 31s,58 M | 17",9 M |
| | 9- 6 | 31,65 G | 17,7 G |
| | 9-12 | 31,56 G | |

### 26195 P. — 19628 A.O.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h21m | 106°26' |
| 55 | 7-20 | 40s,20 G | |

### 26196 P. — 20330 Mn1.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 19h21m | 87°8' |
| 43 | 9- 5 | 3s,49 G | |

### 26196 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h21m | 87°6' |
| 59 | 7-10 | 48s,53 G | |
| | 7-23 | 48,32 G | |
| | 7-25 | 48,71 G | 14",5 G |
| 61 | 7-18 | 48,57 G | 14,1 G |
| | 8-14 | 48,59 G | 13,3 G |
| | 8-16 | 48,64 G | |

### 26197 P. — 36800 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 19h21m | 81°26' |
| 41 | 7-15 | 8s,99 G | |
| | II. | 19h21m | 81°25' |
| 56 | 9- 4 | | 10",9 G |
| 57 | 7-28 | 52s,19 G | 7,5 G |
| 58 | 9-15 | 52,31 G | |

### 26198 P. — 36791 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h21m | 97°19' |
| 55 | 8- 9 | 49s,01 G | |
| | 8-20 | | 39",0 G |
| | 8-23 | 49,04 G | |
| | III. | 19h22m | 97°17' |
| 74 | 8-25 | 37s,35 G | 56",4 G |
| | 8-26 | 37,65 G | 56,6 G |
| | 8-31 | 37,64 G | 57,0 G |

### 26199 P. — 36783 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h21m | 102°55' |
| 54 | 8-29 | 46s,91 G | |
| 57 | 9-27 | 46,98 G | |
| 58 | 7-11 | 47,07 G | 47",4 G |
| | III. | 19h22m | 102°54' |
| 79 | 7-17 | 37s,67 J | 2",3 J |

### 26200 P. — 664 W2.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h22m | 63°10' |
| 58 | 7-15 | 2s,68 G | |

### 26201 P. — 3625 A + 35°.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 19h22m | 54°2' |
| 80 | 8-31 | 39s,35 J | 25",8 J |
| | 9- 1 | 39,44 J | 25,8 J |

Dates 1800+ — Positions moyennes pour les époques du Catal.

**26202 P. — 20337 Mn₁.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $19^h21^m$ | 86°57′ |
| 61 7-18 | $54^s,78$ G | |

**26203 P. — 36831 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $19^h22^m$ | 71°21′ |
| 58 8- 5 | $1^s,16$ G | 51″,2 G |
| | III. | |
| | $19^h22^m$ | 71°20′ |
| 71 7-20 | $41^s,10$ M | 5″,0 M |
| 7-20 | 40,63 G | 4,9 G |
| 8- 9 | 40,89 G | 7,3 G |

**26204 P. — 36803 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | $19^h21^m$ | 88°21′ |
| 39 7-10 | $10^s,70$ G | |
| 7-27 | 10,72 G | |
| 7-28 | 10,85 G | |
| 8-16 | 10,73 G | |
| 8-19 | 10,77 G | |
| 8-21 | 10,74 G | |
| 9-15 | 10,85 G | |
| 40 8- 4 | 10,87 G | |
| 8- 5 | 10,63 G | 41″,0 F |
| 46 7- 7 | 10,65 G | |
| 7-12 | 10,62 G | |
| 7-27 | 10,91 G | |
| 7-28 | 10,85 G | |
| 8-17 | | 40,9 G |
| 9-26 | 10,79 G | |
| 10- 1 | 10,71 G | |
| 47 5- 4 | | 40,8 G |
| 8-27 | 10,70 G | 40,2 F |
| 8-28 | 10,72 G | |
| 9-25 | 10,63 G | |
| 48 7-17 | 10,81 G | |
| 7-22 | 10,78 G | |
| 10- 3 | 10,71 G | |
| 10- 7 | 10,68 G | |
| 50 7-29 | 10,64 G | |
| 10-16 | | 41,8 G |
| 51 8-19 | 10,77 G | |
| 53 6-23 | 10,59 G | 41,7 G |
| 8- 8 | 10,70 G | |
| | II. | |
| | $19^h21^m$ | 88°19′ |
| 55 10-19 | $56^s,23$ G | |
| 56 5-23 | | 54″,7 G |
| 62 9- 5 | 56,07 G | |
| 9-11 | 56,19 G | 56,7 G |

**26205 P. — 36777 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $19^h21^m$ | 109°50′ |
| 54 9- 3 | $50^s,19$ G | |
| | III. | |
| | $19^h22^m$ | 109°48′ |
| 79 8-11 | $43^s,15$ M | 36″,9 M |
| 80 8- 6 | 43,10 M | 36,3 M |
| 8- 8 | 42,87 M | 35,2 M |
| 8-10 | 43,25 M | 34,8 M |

**26206 P. — 36788 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | $19^h21^m$ | 104°19′ |
| 41 9-19 | $5^s,04$ G | |
| | II. | |
| | $19^h21^m$ | 104°17′ |
| 54 9- 2 | $55^s,76$ G | |
| 9-19 | 55,86 G | |
| 62 7- 3 | 55,93 G | 25″,3 G |
| 67 7-24 | 55,97 M | 24,6 M |

**26207 P. — 36786 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $19^h21^m$ | 109°40′ |
| 54 9- 4 | $57^s,27$ G | |
| 59 9-10 | 57,35 G | 17″,5 G |
| | III. | |
| | $19^h22^m$ | 109°38′ |
| 78 8-17 | $50^s,27$ M | 32″,2 M |

**26208 P. — 36809 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $19^h22^m$ | 91°39′ |
| 56 7-26 | $3^s,90$ G | |
| 8-24 | 3,81 G | |
| 57 8-28 | | 58″,2 G |
| | III. | |
| | $19^h22^m$ | 91°38′ |
| 69 7-31 | $50^s,59$ M | 14″,4 M |
| 76 7-13 | 50,59 G | 13,7 G |
| 7-19 | 50,83 G | |
| 7-22 | 50,51 G | 11,9 G |
| 8- 5 | 50,60 G | 13,1 G |

**26209 P. — 36829 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $19^h22^m$ | 79°15′ |
| 58 10-12 | $9^s,68$ G | |
| 62 9-16 | 9,74 G | 21″,7 G |
| | III. | |
| | $19^h22^m$ | 79°13′ |
| 71 8-19 | $52^s,16$ G | |

**26210 P. — 36790 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $19^h22^m$ | 106°15′ |
| 54 9-26 | $1^s,43$ G | |
| 59 8- 7 | 1,64 G | |
| | III. | |
| | $19^h22^m$ | 106°13′ |
| 79 7-27 | $52^s,96$ J | 53″,2 J |
| 7-29 | 53,10 J | 54,3 J |
| 8- 2 | 52,94 J | 53,4 J |

**26211 P. — 36813 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | $19^h21^m$ | 90°3′ |
| 40 7-17 | $21^s,91$ G | |
| 8- 1 | 21,72 G | 59″,7 F |
| 41 8-13 | 21,71 G | |
| 8-14 | 21,89 G | 59,9 F |
| 8-18 | 21,84 G | |
| | II. | |
| | $19^h22^m$ | 90°2′ |
| 55 8-13 | $7^s,91$ G | |
| 9- 8 | | 18″,3 G |
| | III. | |
| | $19^h22^m$ | 90°0′ |
| 69 7-26 | $54^s,12$ M | 32″,0 M |
| 7-30 | 54,22 M | 31,7 M |
| 8- 6 | 54,07 M | 32,4 M |

**26212 P. — 36907 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $19^h23^m$ | 41°22′ |
| 80 8-10 | $1^s,51$ G | 49″,3 G |
| 8-13 | 1,89 G | 50,1 G |
| 81 7-12 | | 49,5 G |

**26213 P. — 537 W₁.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $19^h23^m$ | 98°16′ |
| 68 8-13 | $2^s,55$ M | 37″,7 M |
| 80 6-23 [1] | 2,83 G | 32,7 G |
| 8-11 | 2,73 M | 37,3 M |
| 8-20 | 2,77 M | 35,9 M |
| 8-23 | 2,64 M | 36,6 M |

[1] 𝒫 non comprise dans la moyenne.

**26214 P. — 36801 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $19^h22^m$ | 102°51′ |
| 55 6-24 | $12^s,40$ G | |
| | III. | |
| | $19^h23^m$ | 102°50′ |
| 80 7-28 | $2^s,80$ M | 11″,3 M |

**26215 P. — 4093 A + 18°.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $19^h23^m$ | 71°45′ |
| 71 7-28 | $4^s,25$ G | |

**26216 P. — 36904 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $19^h23^m$ | 44°24′ |
| 80 8- 8 | $8^s,24$ G | 58″,4 G |
| 81 8- 7 | 8,15 G | 59,1 G |
| 9-13 | 8,17 G | |
| 9-15 | 8,26 G | 59,4 G |

**26217 P. — 36855 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $19^h23^m$ | 67°32′ |
| 81 7- 9 | $8^s,45$ J | 16″,7 J |
| 7-16 | 8,36 J | 12,6 J |
| 7-17 | 8,54 J | 12,6 J |

**26218 P. — 36843 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $19^h22^m$ | 77°48′ |
| 58 8-16 | $27^s,26$ G | 52″,2 G |
| 8-23 | 27,29 G | 50,9 G |
| 59 8-13 | | 52,5 G |
| 8-28 | 27,29 G | 52,8 G |
| | III. | |
| | $19^h23^m$ | 77°47′ |
| 71 8-13 | $9^s,65$ G | 5″,7 G |
| 9-14 | 9,42 G | |

**26219 P. — 36880-81 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $19^h23^m$ | 56°52′ |
| 81 7-21 | $10^s,94$ J | 42″,4 J |
| 8- 6 | 10,96 J | 44,1 J |

**26220 P. — 36889 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $19^h23^m$ | 53°43′ |
| 81 8-22 | $11^s,11$ J | 29″,1 J |
| 8-28 | 11,06 J | 28,3 J |

**26221 P. — 36866 et 69 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | $19^h21^m$ | 62°23′ |
| 41 8-20 | $59^s,85$ G | |
| 8-21 | 59,67 G | |
| 8-22 | 59,70 G | |
| 8-24 | 59,66 G | |
| | II. | |
| | $19^h22^m$ | 62°21′ |
| 58 9-10 | $35^s,94$ G | 43″,8 G |
| 61 9- 1 | | 45,5 G |
| | III. | |
| | $19^h23^m$ | 62°19′ |
| 81 7-12 | $12^s,15$ M | 56″,7 M |
| 7-13 | 12,23 M | 57,9 M |
| 8-21 | 12,24 J | 57,8 J |

**26222 P. — 36891-92 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $19^h22^m$ | 52°20′ |
| 66 7-11 | $41^s,19$ G | 30″,7 G |

| Dates 1800 + A. | M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|---|

### 26222 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h23m | 52°18' |
| 68 | 8-13 | | 42",3 G |
| 75 | 8- 9 | 12s,96 M | 42,8 M |
| | 8-17 | 12,92 M | 43,1 M |
| 76 | 7-22 | 12,65 M | 42,7 M |
| | 8-25 | 12,86 M | 42,2 M |

### 26223 P. — 20377 $Mn_1$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h21m | 87°13' |
| 40 | 8- 4 | | 30",5 F |
| 45 | 8- 9 | | 30,4 G |
| | | II. | |
| | | 19h22m | 87°11' |
| 57 | 10- 3 | 28s,55 G | |
| 61 | 7-18 | | 45",3 G |
| | 8-14 | 29,05 G | |
| 63 | 7-10[1] | 28,67 M | 45,1 M |

[1] 𝒫 augmentée de 3'.

### 26224 P. — 36860 à 62 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h21m | 65°19' |
| 46 | 8-25 | 59s,36 G | |
| | | II. | |
| | | 19h22m | 65°17' |
| 58 | 7-14 | 36s,63 G | |
| 59 | 9-16 | 36,55 G | |
| 60 | 9- 4 | 36,91 G | 18",8 G |
| | 9- 5 | 36,65 G | 18,1 G |
| | | III. | |
| | | 19h23m | 65°15' |
| 70 | 7-29 | 14s,18 G | 31",8 G |
| 75 | 7-29 | 14,20 G | 32,2 G |

### 26225 P. — 673-74 $W_2$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h22m | 75°2' |
| 58 | 9-17 | 34s,15 G | |

### 26226 P. — 3793 A + 21°.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h22m | 68°22' |
| 58 | 8- 7 | 37s,04 G | |

### 26227 P. — 36854 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h23m | 71°46' |
| 71 | 7-28 | 15s,79 M | 7",2 M |
| | 7-31 | 15,69 G | |
| | 9- 3 | 15,73 G | 6,7 G |
| 81 | 7-18 | 15,83 M | 6,2 M |
| | 7-19 | 15,76 M | 6,3 M |

### 26228 P. — 36852 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h22m | 75°47' |
| 58 | 8-24 | 34s,50 G | |
| 59 | 7-17 | 34,43 G | |
| 60 | 7-24 | | 37",6 G |
| 61 | 8- 1 | 34,46 G | |
| | | III. | |
| | | 19h23m | 75°45' |
| 79 | 8-20 | 15s,83 G | 49",5 G |
| | 8-26 | 15,89 G | 49,1 G |

### 26229 P. — 36877 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h22m | 60°51' |
| 46 | 7-17 | 5s,69 G | |
| 47 | 9- 9 | | 43",8 G |
| 48 | 8-13 | | 45,0 G |
| 50 | 10-12 | | 42,4 G |
| | | III. | |
| | | 19h23m | 60°48' |
| 74 | 8-13 | 17s,16 M | 12",9 M |
| 75 | 8- 7 | 16,87 M | 11,9 M |
| 76 | 7-29 | 16,97 M | 12,6 M |

### 26230 P. — 7491 Rümker.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h22m | 75°43' |
| 58 | 7-25[1] | 37s,09 G | |
| | 8-24 | 37,25 G | 3",4 G |
| 59 | 7-17 | 36,91 G | |
| 60 | 7-24 | 37,05 G | |

[1] Indiquée à tort au t. XIV comme 36854 L. (dist. des fils); l'observation a été faite sur le même calage que 36867 L.

### 26231 P. — 36859 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h22m | 68°18' |
| 58 | 8- 7 | 40s,00 G | |
| 62 | 9-14 | 40,08 G | |
| | | III. | |
| | | 19h23m | 68°16' |
| 79 | 6-26 | 18s,71 G | |
| | 8-11 | 18,70 G | 24",7 G |
| | 8-16 | 18,73 G | 25,8 G |

### 26232 P. — 2850 Gr.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h22m | 35°25' |
| 41 | 7- 6[1] | | 28",7 F |

[1] Observation faite près du zénith sans indication de la position de l'observateur. On n'a pas tenu compte de la valeur de l'équation personnelle dans le calcul de la distance polaire.

### 26233 P. — 36905-06 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h22m | 48°5' |
| 40 | 9-21 | 22s,11 G | |
| | | III. | |
| | | 19h23m | 48°1' |
| 80 | 8- 4 | 20s,73 G | 23",0 G |

### 26234 P. — 36798-99 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h22m | 114°14' |
| 55 | 6-30 | 26s,63 G | |
| 57 | 9-12[1] | 26,71 G | |
| | | III. | |
| | | 19h23m | 114°12' |
| 79 | 8-22 | 20s,99 J | 35",0 J |
| | 8-25 | 21,12 J | 34,6 J |
| | 8-26 | 20,97 J | 34,7 J |
| | 9- 1 | 21,12 J | 35,1 J |
| | 9- 4 | 21,02 J | 35,6 J |

[1] 𝒜 diminuée de 0s,20 : erreur de 1s sur un fil.

### 26235 P. — 36810 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h22m | 108°36' |
| 58 | 6-12 | | 39",8 G |
| 59 | 8-16[1] | 33s,00 G | 39,8 G |
| | | III. | |
| | | 19h23m | 108°34' |
| 70 | 7-14 | 25s,04 M | 52",3 M |
| | 7-15 | 24,84 M | 53,3 M |

[1] 𝒜 augmentée de 9s : erreur de transcr.; non inscrite au Catalogue : fils très discordants.

### 26236 P. — 36875 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h22m | 67°43' |
| 59 | 7-15 | 48s,61 G | 30",2 G |
| | | III. | |
| | | 19h23m | 67°41' |
| 80 | 8- 9 | 26s,92 M | 43",1 M |

### 26237 P. — 36926 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h22m | 40°10' |
| 45 | 8-12[1] | 40s,86 G | |
| | 8-16 | 40,87 G | |
| | 8-17 | 40,51 G | |
| | 8- 9 | 40,94 G | |

[1] 𝒜 augmentée de 1m : erreur de transcr.

### 26238 P. — 36811 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h21m | 111°37' |
| 39 | 8- 1 | 41s,85 G | |
| | 8-24 | 41,77 G | |
| | 9- 4 | 42,01 G | |
| | 9- 6 | | 43",1 F |
| | 9-10 | 41,68 G | |
| | 9-18 | 41,66 G | |
| 41 | 9-13 | 41,69 G | |
| | | II. | |
| | | 19h22m | 111°35' |
| 55 | 8-18 | 35s,28 G | |
| 60 | 7-21 | 35,42 G | 59",9 G |
| 61 | 7-15 | | 58,0 G |

### 26239 P. — 36830 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h22m | 100°47' |
| 54 | 9-27 | 39s,95 G | |
| 58 | 10- 6 | | 23",8 G |
| | | III. | |
| | | 19h23m | 100°45' |
| 78 | 8-31 | 29s,77 M | 38",6 M |
| | 9- 2 | 29,58 M | 38,0 M |

### 26240 P. — 36882 à 85 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h22m | 65°38' |
| 37 | 6-22 | 15s,37 G | 39",0 F |
| | 6-23 | 15,30 G | |
| | 6-26 | 15,40 G | |
| | 7- 3 | 15,23 G | |
| | 7- 5 | 15,15 G | |
| | 7-31 | 15,13 G | |
| | 8-11 | 15,42 G | |
| | 8-13 | 15,27 G | |
| | 8-17 | 15,42 G | |
| | 8-21 | 15,46 G | |
| | 8-25 | 15,44 G | 41,6 F |
| | 8-27 | 15,11 G | |
| | 9-20 | 15,03 G | 41,2 F |
| 38 | 8-30 | 15,48 G | 42,2 F |
| | 8-31 | 15,58 G | |
| | 9- 1 | 15,42 G | |
| | 9-11 | 15,42 G | |
| | 10- 3 | 15,12 G | |
| 39 | 7-19 | 15,51 G | |
| 41 | 7-26 | | 42,5 F |
| 42 | 4- 8 | 15,43 G | |
| | 4- 9 | 15,35 G | |
| 46 | 8-10 | 15,45 G | |
| | 8-11 | 15,42 G | 41,4 G |
| | 8-17 | 15,47 G | |
| | 8-18 | 15,40 G | |
| 47 | 10-26 | 15,38 G | |
| | 10-28 | | 42,7 G |
| | 12-14 | | 41,9 G |
| 48 | 11- 2 | 15,27 G | 41,2 G |
| | 11-14 | | 43,1 G |
| 52 | 10- 9 | 15,23 G | |
| | 10-10 | 15,34 G | |
| | 10-14 | 15,29 G | |
| | 10-15 | 15,25 G | |
| | 10-16 | 15,38 G | |
| | 10-17 | 15,29 G | |
| | 10-18 | 15,32 G | |

| Dates 1800 + A. | M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|---|

**26240 P. (suite).**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **I.** | |
| | | 19h 22m | 65° 38′ |
| 52 | 10-19 | 15s,26 G | |
| | 10-20 | 15,25 G | |
| | 10-22 | 15,34 G | |
| | 11- 3 | 15,34 G | |
| | 11- 6 | 15,33 G | |
| | 11- 8 | 15,30 G | |
| | 11- 9 | 15,30 G | |
| 53 | 3-27 | 15,34 G | |
| | 4- 1 | 15,36 G | |
| | 4-13 | 15,32 G | |
| | 4-14 | 15,43 G | |
| | 4-26 | 15,37 G | |
| | 4-29 | 15,29 G | |
| | 5- 1 | 15,39 G | |
| | 5- 5 | 15,37 G | |
| | 5-14 | 15,42 G | |
| | | **II.** | |
| | | 19h 22m | 65° 36′ |
| 58 | 8- 6 | 52s,86 G | |
| | 8- 8 | | 57″,3 G |
| | 11- 4 | 52,84 G | |
| | 11- 6 | 52,60 G | |
| | 11-11 | 52,72 G | |
| 60 | 7-13 | 52,85 G | 56,9 G |
| | | **III.** | |
| | | 19h 23m | 65° 35′ |
| 70 | 8- 6 | 30s,25 G | 10″,5 G |
| 71 | 8-29 | 30,22 M | 11,7 M |
| 75 | 7-27 | 30,17 G | 11,6 G |

**26241 P. — 37124 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **I.** | |
| | | 19h 24m | 13° 49′ |
| 53 | 3- 1 I | 36s,55 G | |
| | 3-12 I | 35,86 G | |
| | 3-15 I | 36,30 G | |
| | 3-22 I | 36,19 G | |
| | 7-15 | 36,23 G | |
| | 7-16 [1] | 37,19 G | |
| | 7-20 | 36,55 G | |
| | 7-23 | 36,28 G | |
| | 7-30 | 36,93 G | |

[1] 𝒜 diminuée de 48s : erreur dans la réduction au méridien du seul fil observé.

**26242 P. — 19654 A.O.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **II.** | |
| | | 19h 22m | 111° 35′ |
| 60 | 7-21 | 43s,56 G | |

**26243 P. — 36812 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **II.** | |
| | | 19h 22m | 116° 1′ |
| 58 | 8- 4 | 42s,13 G | 26″,2 G |
| | | **III.** | |
| | | 19h 23m | 115° 59′ |
| 80 | 9- 5 | 37s,23 M | 39″,0 M |

**26244 P. — 36867 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **II.** | |
| | | 19h 22m | 75° 41′ |
| 58 | 7-21 | | 20″,6 G |
| | 7-25 | 56s,38 G | |
| 60 | 7-24 | 56,20 G | 20,4 G |
| 61 | 8- 1 | 56,33 G | 20,4 G |
| 67 | 8- 5 | 56,22 M | 21,5 M |
| | 8-12 | 56,18 M | 20,8 M |

**26245 P. — 36828 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **II.** | |
| | | 19h 22m | 106° 27′ |
| 54 | 9-16 | 45s,50 G | |
| 56 | 6-26 | 45,64 G | 16″,0 G |
| | | **III.** | |
| | | 19h 23m | 106° 25′ |
| 79 | 8-11 | 37s,33 J | 29″,6 J |

**26246 P.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **II.** | |
| | | 19h 22m | 90° 43′ |
| 58 | 9-26 | 51s,73 G | |

**26247 P. — 36848 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **I.** | |
| | | 19h 22m | 90° 45′ |
| 41 | 9- 1 | 6s,35 G | |
| | 9-21 | 6,35 G | |
| | 9-22 | 6,16 G | |
| | | **II.** | |
| | | 19h 22m | 90° 43′ |
| 56 | 7-28 | 52s,61 G | |
| 57 | 6-13 | 52,53 G | |
| | 8-10 | 52,55 G | |
| | 8-11 | 52,66 G | |
| 58 | 9- 8 | 52,64 G | 53″,8 G |
| | 9-26 | 52,75 G | 52,8 G |
| | | **III.** | |
| | | 19h 23m | 90° 42′ |
| 76 | 8- 7 | 38s,85 G | 7″,4 G |
| | 8-10 | 38,82 G | 7,9 G |
| | 8-25 | 38,82 G | 10,1 G |

**26248 P. — 4609 Sf. — 3°.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **II.** | |
| | | 19h 22m | 93° 2′ |
| 57 | 8-24 [1] | 52s,99 G | |

[1] 𝒜 augmentée de 1m.

**26249 P. — 560 W1.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **II.** | |
| | | 19h 22m | 86° 3′ |
| 59 | 7- 8 | 55s,81 G | |

**26250 P. — 559 W1.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **I.** | |
| | | 19h 22m | 90° 28′ |
| 40 | 7-16 | 9s,96 G | |

**26251 P. — 36895 à 98 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **I.** | |
| | | 19h 22m | 65° 32′ |
| 37 | 6-22 | 28s,99 G | 48″,6 F |
| | 6-23 | 29,03 G | |
| | 6-26 | 29,09 G | |
| | 7- 3 | 29,18 G | |
| | 7- 5 | 28,88 G | |
| | 8-21 | 29,18 G | |
| | 8-25 | 29,20 G | |
| | 9-20 | 29,12 G | |
| 38 | 9- 1 | 29,13 G | |
| | 10- 3 | 29,10 G | |
| 43 | 8- 8 [1] | | 50,0 G |
| | 8- 8 | | 48,7 F |
| 46 | 6-28 | 28,96 G | |
| | | **II.** | |
| | | 19h 23m | 65° 31′ |
| 58 | 8- 6 | 6s,63 G | |
| 60 | 7-13 | 6,45 G | 4″,9 G |
| | | **III.** | |
| | | 19h 23m | 65° 29′ |
| 70 | 7-22 | 44s,02 G | 15″,6 G |
| 73 | 8- 4 | 43,88 G | |
| 75 | 6-30 | 43,97 M | 15,3 M |
| | 8-25 | 43,98 M | 15,5 M |

[1] 𝒟 diminuée de 1′.

**26252 P. — 36849-50 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **II.** | |
| | | 19h 22m | 93° 28′ |
| 56 | 7-31 | 56s,84 G | |
| 58 | 10- 5 | | 13″,3 G |
| | | **III.** | |
| | | 19h 23m | 93° 26′ |
| 77 | 7-26 | 43s,99 G | |
| | 7-30 | 44,22 G | |
| | 8-13 | 44,07 M | 27″,9 M |
| | 8-16 | 43,94 M | 28,0 M |
| | 8-17 | 44,08 M | 27,0 M |

**26253 P. — 36876 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **II.** | |
| | | 19h 23m | 77° 52′ |
| 61 | 9- 5 | 3s,39 G | 55″,0 G |
| | | **III.** | |
| | | 19h 23m | 77° 51′ |
| 71 | 8-21 | 45s,50 G | |
| | 9- 5 | 45,53 G | 9″,0 G |

**26254 P. — 36845 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **II.** | |
| | | 19h 22m | 100° 34′ |
| 57 | 8-12 | 58s,95 G | 44″,6 G |
| 61 | 8-21 | 59,01 G | 46,6 G |

**26255 P. — 563 W1.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **I.** | |
| | | 19h 22m | 83° 38′ |
| 40 | 7-29 | 21s,13 G | |

**26256 P. — 36886 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **II.** | |
| | | 19h 23m | 73° 3′ |
| 57 | 8-13 | 9s,34 G | |

**26257 P. — 36888 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **II.** | |
| | | 19h 23m | 73° 15′ |
| 57 | 8-13 | | 25″,6 G |
| | | **III.** | |
| | | 19h 23m | 73° 13′ |
| 71 | 8-12 | 51s,93 G | |
| 75 | 8- 9 | 51,74 G | 39″,8 G |
| | 8-16 | 51,73 G | 40,7 G |

**26258 P. — 20436 Mn1.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **I.** | |
| | | 19h 22m | 89° 59′ |
| 40 | 8- 3 [1] | 20s,46 G | 3″,2 F |

[1] 𝒟 diminuée de 2′ : erreur de transc.

**26259 P. — 36900 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **I.** | |
| | | 19h 22m | 70° 2′ |
| 41 | 7-18 | 35s,02 G | |
| 46 | 7-19 | 34,98 G | |
| 47 | 9 12 | | 8″,9 G |
| 48 | 10- 6 | 35,06 G | |
| 50 | 8-13 | 35,11 G | |
| | 8-24 | 35,09 G | |
| | | **II.** | |
| | | 19h 23m | 70° 0′ |
| 56 | 8-14 | 14s,41 G | |
| 57 | 6- 2 | | 21″,9 G |
| 58 | 9-27 | 14,37 G | |
| | | **III.** | |
| | | 19h 23m | 69° 58′ |
| 79 | 9- 8 | 53s,60 J | 35″,7 J |

**26260 P. — 36864 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **II.** | |
| | | 19h 23m | 86° 45′ |
| 57 | 7-27 | 8s,56 G | 41″,2 G |
| | 8- 7 | 8,42 G | 42,8 G |
| | 8-20 | 8,59 G | |
| | 8-22 | 8,71 G | 43,3 G |
| 58 | 6- 7 | 8,63 G | |
| | 7-13 | 8,68 G | |
| | 9- 5 | 8,61 G | |

| Dates 1800+ A. | M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|---|

**26261 P. — 36863 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $19^h 22^m$ | 87° 24′ |
| 40 | 7-27 | $23^s,44$ G | |
| | | II. | |
| | | $19^h 23^m$ | 87° 23′ |
| 55 | 10-21 | $8^s,69$ G | |
| 56 | 7-14 | 8,67 G | |
| 57 | 5-27 | — | 1″,0 G |
| 59 | 6-14 | 8,57 G | |
| | 8-25 | 8,48 G | |
| | | III. | |
| | | $19^h 23^m$ | 87° 21′ |
| 71 | 8-5 | $53^s,92$ M | 13″,2 M |

**26262 P. — 20445 $Mn_1$.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $19^h 22^m$ | 88° 28′ |
| 48 | 7-17 | $29^s,66$ G | |

**26263 P. — 36913 et 15 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $19^h 22^m$ | 62° 23′ |
| 41 | 8-13 | $51^s,37$ G | 14″,9 F |
| | 8-20 | 51,50 G | |
| | 8-21 | 51,43 G | |
| | 8-22 | 51,41 G | |
| | 8-24 | 51,35 G | |
| | | II. | |
| | | $19^h 23^m$ | 62° 21′ |
| 61 | 7-13 | $27^s,68$ G | 25″,3 G |
| | 7-19 | 27,66 G | |
| | 9- 1 | 27,56 G | 27,7 G |

**26264 P. — 36847 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $19^h 23^m$ | 106° 41′ |
| 55 | 7-27 | $13^s,88$ G | 13″,9 G |
| | | III. | |
| | | $19^h 24^m$ | 106° 39′ |
| 79 | 8-12 | $5^s,49$ J | 25″,6 J |

**26265 P. — 36899 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $19^h 23^m$ | 77° 9′ |
| 56 | 7-25 | | 0″,8 G |
| | 8-13 | $23^s,86$ G | |
| | | III. | |
| | | $19^h 24^m$ | 77° 7′ |
| 71 | 9-11 | $5^s,87$ G | |
| 75 | 9- 2 | 5,68 M | 15″,6 M |
| | 9- 7 | 5,66 M | 14,8 M |
| 76 | 7-20 | 5,89 M | 14,1 M |
| | 8-10[1] | 5,81 M | 14,2 M |
| | 8-12 | 5,76 M | 14,3 M |

[1] 𝒜 diminuée de $0^s,26$ et 𝒫 diminuée de 1″,8 : erreurs de réduction.

**26266 P. — 20455 $Mn_1$.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $19^h 23^m$ | 85° 58′ |
| 59 | 7- 8 | $22^s,13$ G | |

**26267 P. — 36870-71 et 73 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $19^h 22^m$ | 93° 6′ |
| 39 | 6-26 | $33^s,38$ G | |
| | 7- 1 | 33,38 G | |
| | 7- 3 | 33,45 G | |
| | 8-16 | 33,33 G | |
| 41 | 9- 8 | 33,31 G | |
| 46 | 7-22 | 33,31 G | |
| | 8- 3 | 33,38 G | |
| | 8-22 | 33,25 G | |
| | 9-12 | 33,36 G | |
| | 9-13 | 33,24 G | 20″,7 G |
| | 9-14 | 33,29 G | |
| | 9-15[1] | 33,34 G | |
| 47 | 6-28 | 33,35 G | |
| | 9- 9 | 33,35 G | |
| | 11- 1 | | 24,8 G |
| 48 | 10- 5 | 33,38 G | |
| | 10-11 | 33,40 G | |
| 49 | 8-31 | 33,41 G | |
| | | II. | |
| | | $19^h 23^m$ | 93° 4′ |
| 55 | 8- 6 | | 37″,0 G |
| 57 | 7-31 | $20^s,38$ G | 38,6 G |
| | 8-16 | 20,33 G | |
| | 8-24 | 20,44 G | 37,1 G |
| | | III. | |
| | | $19^h 24^m$ | 93° 2′ |
| 76 | 8-17 | $7^s,43$ G | 51″,9 G |
| 78 | 7-19 | 7,56 G | 50,9 G |
| | 7-23 | 7,61 G | 51,1 G |
| | 7-28 | 7,46 G | 51,1 G |

[1] 𝒜 augm. de $10^s$ ; erreur de réduction.

**26268 P. — 36943 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $19^h 24^m$ | 42° 43′ |
| 80 | 8- 6 | $10^s,76$ G | 9″,9 G |
| 81 | 7-29 | 10,34 G | 9,6 G |

**26269 P. — 36868 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $19^h 23^m$ | 96° 47′ |
| 55 | 8-10 | $23^s,57$ G | |
| 59 | 7-12 | 23,71 G | 54″,0 G |
| | | III. | |
| | | $19^h 24^m$ | 96° 46′ |
| 68 | 8-10 | $11^s,73$ M | 7″,8 M |
| 69 | 8-20 | 11,85 M | |
| 74 | 7-13 | 11,67 G | 6,9 G |
| | 7-15 | 11,58 G | 7,1 G |
| | 7-21 | 11,54 G | 9,6 G |
| | 8-26 | 11,69 G | 9,5 G |

**26270 P. — 36858 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $19^h 23^m$ | 102° 45′ |
| 54 | 9-18 | $22^s,05$ G | 14″,3 G |
| | | III. | |
| | | $19^h 24^m$ | 102° 43′ |
| 79 | 7-28 | $12^s,50$ J | 26″,2 J |

**26271 P. — 20466 $Mn_1$.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $19^h 24^m$ | 98° 11′ |
| 68 | 8-13 | $15^s,19$ M | 8″,0 M |
| 80 | 8-31[1] | 15,46 M | 5,4 M |

[1] 𝒫 diminuée de 20″ : erreur de moy.

**26272 P. — 20642 $Mn_1$.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $19^h 22^m$ | 85° 40′ |
| 45 | 9-11 | $45^s,97$ G | |

**26273 P. — 36893 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $19^h 22^m$ | 83° 55′ |
| 40 | 8-15 | $47^s,88$ G | |
| | 8-16 | 47,86 G | |
| | | II. | |
| | | $19^h 23^m$ | 83° 53′ |
| 56 | 7- 3 | $32^s,13$ G | |
| 59 | 7-21 | 32,06 G | 31″,1 G |
| | | III. | |
| | | $19^h 24^m$ | 83° 51′ |
| 71 | 8- 8 | $16^s,28$ G | 41″,6 M |

**26274 P. — 36890 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $19^h 22^m$ | 86° 52′ |
| 40 | 7-17 | | 25″,7 G |
| 41 | 7-29 | $47^s,79$ G | |
| 51 | 8-31 | 47,81 G | |
| | | II. | |
| | | $19^h 23^m$ | 86° 50′ |
| 57 | 7-18 | | 41″,4 G |
| | 8-18 | $32^s,80$ G | 41,1 G |
| | 8-20 | 32,82 G | 41,5 G |
| 58 | 6- 7 | 32,85 G | |
| | 7-13 | 32,86 G | 40,5 G |
| | 9- 5 | 32,76 G | |
| | | III. | |
| | | $19^h 24^m$ | 86° 48′ |
| 71 | 8- 1 | $17^s,68$ M | 52″,8 M |

**26275 P. — 36865 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $19^h 23^m$ | 100° 40′ |
| 54 | 9- 9 | $28^s,29$ G | |
| | | III. | |
| | | $19^h 24^m$ | 100° 38′ |
| 79 | 7-15 | $17^s,94$ M | 28″,2 M |
| | 7-17 | 17,89 M | 28,6 M |

**26276 P. — 36962 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $19^h 23^m$ | 37° 59′ |
| 46 | 8-12[1] | | 36″,7 G |
| 49 | 7-20 | $38^s,01$ G | |

[1] Observation faite près du zénith sans indication de la position de l'observateur. On n'a pas tenu compte de la valeur de l'équation personnelle dans le calcul de la distance polaire.

**26277 P. — 36925 L[1].**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $19^h 23^m$ | 59° 44′ |
| 67 | 7-30 | $47^s,14$ G | 19″,0 G |
| | | III. | |
| | | $19^h 24^m$ | 59° 42′ |
| 68 | 8- 4[2] | $22^s,16$ G | 31″,6 G |
| | 8- 7 | 22,18 G | |
| 75 | 8-25 | 22,33 G | |
| 76 | 7-11 | 22,12 G | 29,8 G |

[1] La distance polaire de Lal. doit être augmentée de 1′.

[2] 𝒫 augmentée de 1′ : erreur de transcr.

**26278 P. — 36935 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $19^h 23^m$ | 50° 22′ |
| 40 | 9-29 | $22^s,63$ G | |
| | 9-30 | 22,61 G | |
| | | II. | |
| | | $19^h 23^m$ | 50° 20′ |
| 67 | 8-19[1] | $53^s,30$ G | 41″,9 G |
| | | III. | |
| | | $19^h 24^m$ | 50° 18′ |
| 79 | 8- 9 | $23^s,52$ G | 59″,3 G |

[1] 𝒜 augmentée de $1^m$.

**26279 P. — 36857 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $19^h 22^m$ | 109° 42′ |
| 41 | 8- 6 | $37^s,73$ G | |
| | | II. | |
| | | $19^h 23^m$ | 109° 40′ |
| 54 | 9- 5 | $30^s,63$ G | |
| | 9- 7 | 30,53 G | |
| 57 | 9- 9 | | 36″,7 G |
| 59 | 7-11 | 30,47 G | 36,4 G |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜, 𝒟)

### 26280 P. — 36894 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h23m | 92°19′ |
| 55 9-27 | | 29″,4 G |
| 56 8-3 | 42s,94 G | |
| 57 8-25 | 42,87 G | |
| III. | 19h24m | 92°17′ |
| 69 7-29 | 30s,21 M | 40″,9 M |
| 76 8-8 | 29,92 G | 40,8 G |
| 8-11 | 29,82 G | 41,5 G |
| 8-12 | 29,74 G | 41,4 G |

### 26281 P. — 19664 A. O.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | 19h22m | 121°11′ |
| 40 9-10[1] | 36s,36 G | |
| II. | 19h23m | 121°9′ |
| 58 8-19 | 33s,62 G | |

[1] Erreur de 30′ dans la déclinaison approchée inscrite au t. III.

### 26282 P. — 36923 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | 19h24m | 67°33′ |
| 70 7-18 | 33s,06 G | 5″,4 G |
| 7-19 | 33,07 G | 6,5 G |
| 71 8-26 | 32,84 G | |

### 26283 P. — 36957 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | 19h24m | 43°13′ |
| 81 9-13 | 34s,55 M | 48″,5 M |
| 9-16 | 34,75 M | 48,7 M |

### 26284 P. — 36912 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | 19h24m | 80°38′ |
| 71 8-10 | 35s,66 M | 10″,0 M |
| 74 7-30 | 35,39 M | 10,1 M |
| 8-3 | 35,43 M | 11,1 M |
| 8-6 | 35,76 M | 9,4 M |

### 26285 P. — 36903 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h23m | 86°29′ |
| 59 8-23 | 51s,37 G | 34″,6 G |
| III. | 19h24m | 86°27′ |
| 71 8-12 | 36s,19 M | 45″,9 M |

### 26286 P. — 36932 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | 19h24m | 59°31′ |
| 81 9-4 | 38s,15 J | 38″,8 J |

### 26287 P. — 36919 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h24m | 77°28′ |
| 56 9-19 | 0s,99 G | 15″,0 G |
| 58 8-31 | 0,96 G | 15,8 G |
| 67 8-23 | 1,26 M | 15,7 M |

### 26288 P. — 36922 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h24m | 73°34′ |
| 56 8-15 | 3s,52 G | |
| 59 7-24 | 3,62 G | |
| III. | 19h24m | 73°32′ |
| 71 8-1 | 44s,11 G | |
| 8-7 | 44,14 M | 55″,1 M |
| 8-7 | 44,24 G | 55,1 G |
| 8-16 | 44,24 G | |

### 26289 P. — 36902 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h23m | 92°24′ |
| 57 8-25 | 58s,76 G | 2″,0 G |
| 62 9-12 | 58,69 G | 3,6 G |
| III. | 19h24m | 92°22′ |
| 76 7-20 | 45s,41 G | 16″,0 G |
| 7-29 | 45,46 G | 14,2 G |
| 8-5 | 45,46 G | 15,0 G |

### 26290 P. — 36909 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | 19h23m | 88°18′ |
| 41 8-18 | 15s,03 G | |
| II. | 19h24m | 88°16′ |
| 56 7-29 | | 43″,1 G |
| 57 10-6 | | 43,2 G |
| III. | 19h24m | 88°14′ |
| 71 8-9 | 46s,20 M | 55″,7 M |
| 74 8-20 | 46,02 G | 55,1 G |
| 75 8-23 | 45,97 G | 54,6 G |

### 26291 P. — 36887 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h23m | 107°6′ |
| 54 9-10 | 55s,81 G | |
| 58 10-6[1] | | 13″,9 G |
| III. | 19h24m | 107°4′ |
| 70 7-16 | 47s,74 M | 25″,3 M |
| 8-18 | 47,42 M | 24,8 M |

[1] 𝒟 augmentée de 5″ : erreur de réd.

### 26292 P. — 36879 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h23m | 111°48′ |
| 55 7-30 | 56s,48 G | |
| 57 6-29 | | 33″,6 G |
| III. | 19h24m | 111°46′ |
| 79 7-17 | 49s,97 J | 43″,9 J |

### 26293 P. — 36927 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h24m | 72°35′ |
| 59 7-28 | 9s,99 G | 37″,5 G |
| III. | 19h24m | 72°33′ |
| 71 9-2 | 50s,01 G | 53″,5 G |

### 26294 P. — 36918 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h24m | 83°54′ |
| 57 8-21[1] | 7s,38 G | 17″,7 G |
| 59 8-24 | 7,44 G | |
| III. | 19h24m | 83°52′ |
| 71 8-11 | 51s,49 M | 30″,2 M |

[1] 𝒟 augmentée de 1′.

### 26295 P. — 36934 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h24m | 65°14′ |
| 58 7-14 | 14s,67 G | |
| 9-16 | 14,38 G | 1″,6 G |
| 59 8-22 | 14,89 G | |
| 9-16 | 14,61 G | 0,4 G |
| III. | 19h24m | 65°12′ |
| 74 7-18 | 52s,05 M | 12″,4 M |
| 7-20 | 52,20 M | 11,9 M |
| 80 7-19 | 52,43 M | 12,6 M |

### 26296 P. — 36872 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | 19h23m | 118°18′ |
| 39 7-10 | 0s,31 G | |
| 7-16 | 0,36 G | |
| 8-21 | 0,24 G | |
| 41 9-13 | 0,21 G | |
| II. | 19h23m | 118°16′ |
| 57 7-20 | 56s,63 G | 59″,3 G |
| 60 8-4 | 56,45 G | 61,4 G |
| 8-6 | 56,64 G | 60,4 G |
| 8-9 | 56,74 G | 60,9 G |
| 8-10[1] | 56,62 G | 62,1 G |
| 8-16 | | 63,6 F |
| 61 8-5 | 56,81 G | |

### 26296 L. (suite).

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | 19h24m | 118°15′ |
| 79 7-30 | 52s,70 J | 29″,6 J |

[1] 𝒟 augmentée de 10′ : err. de réduction.

### 26297 P. — 36930 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h24m | 73°29′ |
| 56 8-15 | 13s,25 G | |
| 59 7-24 | 13,23 G | |
| III. | 19h24m | 73°27′ |
| 71 8-10 | 53s,66 G | 30″,1 G |
| 9-12 | 53,65 G | |
| 75 8-17 | 53,74 G | 30,4 G |
| 8-26 | 53,76 G | |
| 79 9-2 | 53,75 J | 30,9 J |
| 80 7-27 | 53,73 G | 30,0 G |
| 8-1 | 53,74 G | 29,7 G |

### 26298 P. — 36950 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | 19h24m | 53°58′ |
| 75 7-19 | 59s,12 G | 27″,4 G |
| 7-20 | 58,95 G | 27,5 G |
| 76 7-12 | | 25,4 G |

### 26299 P. — 19296 A. O.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | 19h24m | 27°45′ |
| 40 7-14 | 38s,44 G | |
| 8-8 | 38,51 G | |

### 26300 P. — 36920 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | 19h25m | 81°51′ |
| 72 7-16 | 1s,55 G | |
| 74 7-29 | 1,51 M | 48″,1 M |
| 7-31 | 1,58 M | 48,3 M |

### 26301 P. — 20534 Mn.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | 19h23m | 91°9′ |
| 41 9-21 | 28s,82 G | |
| 9-22 | 28,76 G | |
| 10-1 | 29,19 G | |
| 10-6 | 29,21 G | |

### 26302 P. — 36964 et 67 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 19h24m | 47°6′ |
| 67 9-6 | 33s,30 M | 50″,6 M |

Dates 1800 + A. M. J. — Positions moyennes pour les époques du Catal. 𝒜. 𝒟.

### 26303 P. — 36938 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | II. | $19^h24^m$ | 67°47' |
| 59 | 7-15 | $25^s,89$ G | 23",0 G |
| | III. | $19^h25^m$ | 67°45' |
| 71 | 8-26 | $4^s,38$ M | 33",0 M |
| 81 | 8- 6 | 4,60 M | 32,7 M |
| | 8-20 | 4,47 M | 34,2 M |

### 26304 P. — 36908 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | II. | $19^h24^m$ | 101°34' |
| 54 | 9- 3 | $18^s,83$ G | 6",7 G |
| 67 | 7-24 | 19,28 M | 6,8 M |

### 26305 P. — 37005 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | III. | $19^h25^m$ | 37°29' |
| 80 | 8- 9 | $8^s,30$ G | 40",2 G |

### 26306 P. — 36952 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | III. | $19^h25^m$ | 58°3' |
| 80 | 8-30 | $8^s,97$ J | 47",1 J |
| | 8-31 | 9,13 J | 48,2 J |

### 26307 P. — 36944-45 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | III. | $19^h25^m$ | 65°50' |
| 81 | 8- 8 | $11^s,17$ J | 19",5 J |

### 26308 P. — 36916 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | II. | $19^h24^m$ | 99°46' |
| 56 | 8- 2 | | 31",8 G |
| 57 | 8- 9 | $23^s,52$ G | |
| | III. | $19^h25^m$ | 99°44' |
| 68 | 8- 7 | $12^s,84$ M | 44",7 M |
| 74 | 7-20 | 12,53 G | |
| | 8-21 | 12,67 G | |
| | 8-22 | 12,73 G | 46,0 G |
| | 8-31 | 12,67 G | 46,5 G |

### 26309 P. — 36942 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | II. | $19^h24^m$ | 72°2' |
| 56 | 8-30 | $36^s,23$ G | 23",8 G |
| | III. | $19^h25^m$ | 72°0' |
| 71 | 8- 9 | $16^s,10$ G | 37",4 G |
| | 8-28 | 16,07 G | 33,8 G |

### 26310 P. — 36982 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | III. | $19^h25^m$ | 47°37' |
| 80 | 8-26 | $16^s,88$ J | 3",4 J |

### 26311 P. — 36911 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | II. | $19^h24^m$ | 106°2' |
| 54 | 9- 4 | $26^s,07$ G | |
| 56 | 8- 5 | | 39",7 G |
| | III. | $19^h25^m$ | 106°0' |
| 78 | 8-17 | $17^s,71$ M | 51",5 M |
| | 9- 7 | 17,64 M | 51,1 M |

### 26312 P. — 36954-55 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | II. | $19^h24^m$ | 65°10' |
| 58 | 7-14 | $47^s,93$ G | |
| | 9-16 | 47,92 G | |
| 59 | 8-22 | 48,12 G | |

### 26313 P. — 605 $W_1$.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | I. | $19^h23^m$ | 85°18' |
| 40 | 8-15 | $58^s,38$ G | |
| | 8-16 | 58,26 G | |
| 41 | 9-22 | | 3",1 F |

### 26314 P. — 36931 L

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | I. | $19^h23^m$ | 87°12' |
| 40 | 8- 4 | | 10",7 F |
| | II. | $19^h24^m$ | 87°10' |
| 56 | 8-31 | | 24",8 G |
| 57 | 10- 3 | $43^s,36$ G | |
| 59 | 7-25 | 43,54 G | |
| 61 | 8-14 | 43,35 G | |
| | III. | $19^h25^m$ | 87°8' |
| 73 | 7-24 | $28^s,61$ M | 35",7 M |

### 26315 P. — 19689 A.O.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | I. | $19^h23^m$ | 112°19' |
| 45 | 7-23 | $41^s,81$ G | |
| | 7-24 | 41,80 G | |

### 26316 P. — 36948 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | II. | $19^h24^m$ | 70°51' |
| 58 | 7- 7 | | 27",4 G |
| | 7-17 | $50^s,28$ G | 27,2 G |
| | 9-11 | 50,39 G | 26,9 G |

### 26316 P. (suite).

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | III. | $19^h25^m$ | 70°49' |
| 71 | 9-15 | $30^s,08$ G | |

### 26317 P. — 36974 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | III. | $19^h25^m$ | 55°57' |
| 80 | 9- 2 | $30^s,03$ J | 12",4 J |
| 81 | 8-14 | 30,25 J | 13,4 J |

### 26318 P. — 614 $W_1$.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | I. | $19^h24^m$ | 78°41' |
| 41 | 7-15 | $8^s,22$ G | |
| | 7-16 | 8,05 G | 39",0 F |
| | II. | $19^h24^m$ | 78°39' |
| 63 | 7- 9[1] | $50^s,35$ M | 52",6 M |

[1] 𝒜 diminuée de $1^m$.

### 26319 P. — 36937 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | I. | $19^h24^m$ | 84°33' |
| 40 | 8- 5 | $4^s,87$ G | |
| 41 | 8-27 | 4,69 G | |
| | 8-28 | | 18",9 F |
| | 8-30 | 4,64 G | 16,1 F |
| | 9-11 | 4,60 G | 16,3 F |
| | 9-19 | 4,61 G | |
| | II. | $19^h24^m$ | 84°31' |
| 55 | 9-17 | | 24",7 G |
| 57 | 7-21 | $48^s,95$ G | 26,8 G |
| | 7-28 | 49,11 G | 26,5 G |
| 58 | 9-15 | 49,03 G | |

### 26320 P. — 611 $W_1$.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | II. | $19^h24^m$ | 85°57' |
| 59 | 7- 8 | $54^s,23$ G | |

### 26321 P. — 36969-70 L.

6 $\beta^1$ Cygne.

Étoile fondamentale.

### 26322 P. — 36984 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | II. | $19^h25^m$ | 56°9' |
| 59 | 8-30 | $7^s,78$ G | |

### 26323 P. — 36971 et 73 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | I. | $19^h24^m$ | 62°21' |
| 46 | 7- 9 | $30^s,45$ G | |
| 53 | 8- 8 | 30,61 G | |
| | 8- 9 | 30,46 G | |
| | 8-11 | 30,35 G | |
| | II. | $19^h25^m$ | 62°19' |
| 56 | 7-26 | $6^s,76$ G | |
| | 9- 6 | 6,55 G | |
| | 11- 3 | 6,65 G | |
| | 11-17 | 6,71 G | |
| 57 | 8-16 | 6,47 G | |
| 58 | 7-16 | 6,68 G | |
| | 9-14 | 6,51 G | 35",4 G |
| | 11- 4 | 6,88 G | |
| | 11- 6 | 6,62 G | |
| | 11-11 | 6,87 G | |
| 59 | 9-23 | 6,68 G | |
| | 9-24 | 6,81 G | |
| 60 | 10-27 | | 35,7 G |
| | 11- 6 | | 34,6 G |
| | 11-10 | | 35,8 G |
| | 11-12 | | 35,9 G |
| 61 | 7-15 | | 34,8 G |
| 63 | 7-24 | | 35,4 M |
| | 7-29 | | 34,7 M |
| | III. | $19^h25^m$ | 62°17' |
| 68 | 8-12 | | 45",3 G |
| 81 | 8- 1[1] | $43^s,02$ J | 45,1 J |
| | 8-24[2] | 42,98 J | 44,5 J |

[1] 𝒟 augmentée de 3" : erreur de transc. du microm.

[2] 𝒟 augm. de 2",6 : erreur de réduct.

### 26324 P. — 618 $W_1$.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | I. | $19^h24^m$ | 78°35' |
| 41 | 7-16 | $19^s,23$ G | 51",1 F |

### 26325 P. — 36940 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | I. | $19^h24^m$ | 91°45' |
| 40 | 8- 3 | $14^s,07$ G | 35",1 F |
| | II. | $19^h25^m$ | 91°43' |
| 57 | 8-11 | | 45",7 G |
| 58 | 7-30 | $1^s,11$ G | 45,0 G |
| | III. | $19^h25^m$ | 91°41' |
| 69 | 7-26 | $47^s,56$ M | 56",5 M |
| | 7-30 | 47,48 M | 56,5 M |
| | 7-31 | 47,55 M | 57,5 M |

### 26326 P. — 5020 Sf. — 8°.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | III. | $19^h25^m$ | 98°11' |
| 68 | 8-13 | $49^s,81$ M | 18",2 M |
| 80 | 8- 4 | 49,77 M | 15,2 M |
| | 8-30 | 49,87 M | 14,5 M |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜, 𝒫)

**26327 P. — 36917 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | II. | 19h24m | 118°49' |
| 55 | 8-28 | 55s,92 G | |
| | 8-30 | | 53",9 G |
| 58 | 8-19 | | 49,6 G |

**26328 P. — 36929 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | II. | 19h25m | 109°34' |
| 54 | 8-27 | 0s,95 G | |
| 61 | 8-21[1] | 1,27 G | 5",6 G |
| 67 | 7-19 | 0,99 M | 5,0 M |
| | III. | 19h25m | 109°32' |
| 70 | 7-14 | 53s,92 M | 14",6 M |
| | 7-15 | 53,68 M | 15,6 M |
| | 8-19 | 53,67 M | 14,6 M |

[1] Indiquée à tort au tome XVII, observation d'𝒜, comme 35940 L. (distance des fils).

**26329 P. — 36975 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | II. | 19h25m | 76°40' |
| 58 | 8-24 | 14s,30 G | 26",8 G |
| | III. | 19h25m | 76°38' |
| 71 | 7-20 | 55s,81 G | 37",5 G |
| | 7-31 | 55,85 G | |
| | 8-19 | 55,95 G | |
| | 9-5 | 56,04 G | 35,6 G |

**26330 P. — 36953 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | II. | 19h25m | 82°48' |
| 56 | 7-5 | | 15",4 G |
| | 7-14 | 12s,76 G | |
| 57 | 8-6 | | 16,2 G |
| | 8-17 | 12,56 G | 16,2 G |
| | 9-5 | | 16,5 G |

**26331 P. — 37241 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | I. | 19h26m | 13°45' |
| 53 | 3-1 I | 58s,89 G | |
| | 3-12 I | 58,59 G | |
| | 3-14 I | 59,24 G | |
| | 3-15 I | 58,89 G | |
| | 3-22 I | 59,05 G | |
| | 7-15 | 58,80 G | |
| | 7-16 | 59,22 G | |
| | 7-20 | 59,11 G | |
| | 7-23 | 58,90 G | |
| | 7-30 | 58,94 G | |

**26332 P. — 36968 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | II. | 19h25m | 72°20' |
| 58 | 7-21 | | 7",0 G |
| | 10-12 | 19s,81 G | |
| | III. | 19h26m | 72°18' |
| 71 | 8-13 | 0s,16 G | 18",2 G |

**26333 P. — 36972 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | III. | 19h26m | 72°28' |
| 79 | 6-26 | 3s,04 G | |
| | 8-16 | 2,96 G | 33",2 G |
| | 8-26 | 2,97 J | 34,1 J |

**26334 P. — 37015 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | III. | 19h26m | 45°34' |
| 80 | 8-23 | 4s,95 J | 11",6 J |

**26335 P. — 36958 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | II. | 19h25m | 83°47' |
| 57 | 8-21 | 21s,92 G | |
| 59 | 8-6 | | 29",6 G |
| 60 | 8-26 | | 31,1 G |
| | 9-12 | 22,27 G | 31,0 G |

**26336 P. — 767 $W_2$.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | II. | 19h25m | 62°20' |
| 61 | 9-1 | | 22",1 G |

**26337 P. — 36939 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | II. | 19h25m | 105°18' |
| 54 | 8-26[1] | 18s,20 G | |
| | 9-21 | | 4",0 G |
| | III. | 19h26m | 105°16' |
| 79 | 7-29 | 9s,43 J | 17",3 J |
| | 8-2 | 9,42 J | 16,0 J |

[1] 𝒜 augmentée de 1m.

**26338 P. — 36956 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | I. | 19h24m | 88°25' |
| 48 | 7-17 | 38s,98 G | |
| | II. | 19h25m | 88°23' |
| 58 | 7-19 | 24s,59 G | |

**26338 P. (suite).**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | III. | 19h26m | 88°21' |
| 79 | 7-10 | 10s,00 M | 23",8 M |
| | 8-11 | 10,22 M | 24,3 M |
| | 8-12 | 10,22 M | 23,9 M |

**26339 P. — 36959 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | II. | 19h25m | 75°19' |
| 58 | 7-26 | 29s,18 G | 28",6 G |
| | 8-5 | 29,23 G | 28,5 G |
| | 9-12 | 29,15 G | 30,0 G |
| | III. | 19h26m | 75°17' |
| 71 | 9-6 | 10s,56 G | 38",9 G |

**26340 P. — 36965 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | II. | 19h25m | 80°28' |
| 58 | 7-1 | 29s,38 G | 19",3 G |
| 62 | 7-3 | 29,43 G | 19,8 G |
| | 7-19 | 29,49 G | 19,6 G |
| | III. | 19h26m | 80°26 |
| 71 | 8-5[1] | 12s,53 M | 30",4 M |

[1] 𝒫 augmentée de 1'.

**26341 P. — 36963 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | II. | 19h25m | 80°57' |
| 57 | 5-27 | | 37",6 G |
| | 6-26 | | 36,0 G |
| 58 | 9-28 | 30s,30 G | |
| 62 | 9-11 | 30,19 G | 38,6 G |

**26342 P. — 36995 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | II. | 19h25m | 63°40' |
| 58 | 8-8 | | 38",5 G |
| | 10-2 | | 37,6 G |
| 60 | 7-21 | 37s,34 G | 38,8 G |
| | III. | 19h26m | 63°38' |
| 70 | 7-22 | 14s,34 G | 47",6 G |

**26343 P. — 37012 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | II. | 19h25m | 54°3' |
| 66 | 7-11 | 42s,92 G | 51",5 G |
| | III. | 19h26m | 54°1' |
| 74 | 8-21 | 15s,21 M | 59",4 M |
| | 8-26 | 15,37 M | 60,0 M |

**26344 P. — 36941 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | II. | 19h25m | 108°54' |
| 54 | 8-28 | 25s,24 G | |
| 58 | 7-11 | 25,77 G | 37",4 G |
| | III. | 19h26m | 108°52' |
| 78 | 9-3 | 17s,98 M | 47",0 M |

**26345 P. — 37032 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | III. | 19h26m | 43°18' |
| 80 | 8-10 | 19s,38 G | 51",4 G |
| | 8-13 | 19,59 G | 51,4 G |
| 81 | 7-28 | 19,35 G | 51,8 G |

**26346 P. — 36951 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | II. | 19h25m | 101°40' |
| 54 | 9-8 | 37s,31 G | |
| | 9-11 | 37,20 G | |
| 57 | 9-9 | | 8",4 G |
| | III. | 19h26m | 101°38' |
| 79 | 7-27 | 27s,09 J | 18",7 J |
| | 8-11 | 27,11 J | 20,2 J |

**26347 P. — 36947 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | II. | 19h25m | 109°9' |
| 54 | 8-30 | 35s,13 G | |
| 60 | 9-1[1] | 35,27 G | 33",3 G |
| | III. | 19h26m | 109°7' |
| 79 | 8-25 | 27s,85 J | 36",8 J |

[1] 𝒜 augmentée de 10s : erreur de moy. 𝒫 non inscrite au Catalogue. L'observation pourrait se rapporter à 37060 L.?

**26348 P. — 36983 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | III. | 19h26m | 80°40' |
| 71 | 8-8 | 28s,12 M | 5",4 M |
| 74 | 7-30 | 28,34 M | 6,7 M |
| | 8-3 | 28,29 M | 5,9 M |

**26349 P. — 2856 Gr.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | I. | 19h25m | 44°10' |
| 41 | 8-19 | | 31",1 G |

**26350 P. — 37030-31 L.**

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | III. | 19h26m | 47°5' |
| 81 | 9-15 | 30s,06 M | 43",3 M |

Dates 1800 + — Positions moyennes pour les époques du Catal.

### 26351 P. — 37009 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $19^h25^m$ | 63°18' |
| 58 8-30 | 53s,60 G | |
| III. | $19^h26^m$ | 63°16' |
| 79 8-11 | 30s,40 G | |
| 9-1 | 30,38 G | 36",0 G |

### 26352 P. — 36966 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $19^h25^m$ | 91°17' |
| 55 8-9 [1] | 44s,49 G | 57",1 G |
| III. | $19^h26^m$ | 91°16' |
| 68 8-10 | 31s,09 M | 9",0 M |
| 69 8-6 | 31,22 M | 8,9 M |

[1] 𝒫 augmentée de 10" : err. de réduct.

### 26353 P. — 36998 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $19^h26^m$ | 68°56' |
| 80 9-1 | 31s,06 J | 57",5 J |
| 81 7-16 | 31,44 J | 56,8 J |

### 26354 P. — 37043 et 56 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $19^h25^m$ | 38°35' |
| 37 6-26 | 47s,86 G | 53",2 F |
| 9-20 [1] | 47,83 G | 54,4 F |
| 39 8-16 [1] | | 51,5 F |
| 40 8-31 | 47,70 G | |
| 41 6-30 | | 53,7 F |

[1] Observation de distance polaire faite près du zénith sans indication de la position de l'observateur. On n'a pas tenu compte de la valeur de l'équation personnelle dans le calcul de la distance polaire.

### 26355 P. — 36989 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $19^h25^m$ | 80°48' |
| 56 9-4 | | 12",9 G |
| 59 8-23 | 50s,17 G | 15,3 G |
| 8-25 | 50,25 G | |
| III. | $19^h26^m$ | 80°46' |
| 71 8-1 | 33s,32 M | 21",9 M |

### 26356 P. — 37013-14 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $19^h26^m$ | 56°47' |
| 68 8-13 | | 30",1 G |
| 69 9-8 | 33s,66 M | 32,7 M |
| 75 7-26 | 33,74 G | |
| 7-27 | 33,54 G | 30,1 G |
| 7-29 | 33,81 G | 31,2 G |

### 26357 P. — 20649 $Mn_1$.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $19^h25^m$ | 82°23' |
| 58 8-1 | 51s,14 G | 6",3 G |

### 26358 P. — 3661 A + 35°.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $19^h26^m$ | 54°53' |
| 59 8-10 [1] | 2s,57 G | |

[1] 𝒜 augmentée de 0s,20 : err. de moy.

### 26359 P. — 37006 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $19^h25^m$ | 69°23' |
| 39 6-26 | 18s,18 G | |
| 7-1 | 18,15 G | |
| 7-3 | 18,19 G | |
| 7-16 | 18,26 G | |
| 7-31 | 18,24 G | |
| 8-1 | 18,33 G | |
| 8-16 | 18,18 G | |
| 8-19 | 18,24 G | |
| 8-23 | 18,18 G | |
| 41 7-18 | 18,23 G | |
| 9-13 | 18,19 G | |
| II. | $19^h25^m$ | 69°21' |
| 59 7-25 | | 55",6 G |
| 60 9-5 | 57s,18 G | 57,0 G |
| III. | $19^h26^m$ | 69°20' |
| 70 7-18 | 36s,09 G | 5",4 G |

### 26360 P. — 3793 A + 39°.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $19^h25^m$ | 50°17' |
| 40 9-29 | 35s,55 G | |
| 9-30 | 35,57 G | |

### 26361 P. — 37039-40 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $19^h25^m$ | 47°17' |
| 40 8-20 | | 6",9 F |
| 9-21 | 42s,88 G | |

### 26362 P. — 37033 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $19^h26^m$ | 49°45' |
| 80 8-30 | 40s,91 G | 1",6 G |
| 81 8-7 | 40,96 G | 2,0 G |

### 26363 P. — 36946 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $19^h25^m$ | 117°27' |
| 55 8-11 | 45s,74 G | |

### 26363 P. (suite).

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $19^h26^m$ | 117°25' |
| 80 9-5 | 41s,36 M | 14",7 M |

### 26364 P. — 36996 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $19^h26^m$ | 78°15' |
| 57 6-2 | | 10",7 G |
| 8-13 | 3s,13 G | 10,8 G |
| 59 8-28 | 3,10 G | |
| III. | $19^h26^m$ | 78°13' |
| 71 9-3 | 45s,22 G | 22",0 G |
| 9-11 | 45,55 G | |
| 9-14 | 45,31 G | |

### 26365 P. — 36986 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $19^h25^m$ | 91°9' |
| 41 9-21 | 12s,98 G | |
| 9-22 | 13,00 G | |
| 10-1 | 13,22 G | |
| 10-6 | 13,24 G | |
| 44 7-2 | 13,26 G | |
| 7-27 | | 39",9 G |
| 8-5 | 13,14 G | 37,2 G |
| 8-6 | 13,19 G | |
| 8-8 | 13,11 G | |
| II. | $19^h25^m$ | 91°7' |
| 58 9-26 | 59s,41 G | 48",8 G |
| III. | $19^h26^m$ | 91°5' |
| 76 8-7 | 45s,81 G | 56",0 G |
| 8-10 | 46,04 G | 59,1 G |
| 8-17 | 45,89 G | 58,1 G |
| 79 8-12 | 45,91 J | 56,7 J |
| 8-16 | 45,95 J | 55,5 J |
| 8-20 | 45,84 J | 56,6 J |
| 8-22 | 45,87 J | 55,3 J |

### 26366 P. — 36977 et 79-80 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $19^h25^m$ | 95°1' |
| 55 8-11 | | 24",5 G |
| 56 8-24 | 58s,25 G | 24,1 G |
| 57 6-13 | 58,63 G | |
| 8-2 | 58,41 G | 23,6 G |
| 58 7-2 | | 25,2 G |
| 9-8 | 58,50 G | 23,7 G |
| III. | $19^h26^m$ | 94°59' |
| 68 8-22 | 46s,19 M | 33",8 M |
| 75 8-17 | 46,18 M | 33,7 M |
| 76 7-22 | 46,16 M | 33,7 M |
| 7-29 | 46,04 M | 32,2 M |
| 8-17 | 46,06 M | 34,4 M |
| 8-25 | 46,12 G | 34,2 G |
| 77 7-26 | 46,13 G | — |
| 7-30 | 46,22 G | |
| 78 7-18 | 46,07 G | 33,6 G |
| 7-19 | 46,23 G | 32,7 G |
| 7-28 | 46,10 G | 34,5 G |

### 26367 P. — 36994 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $19^h25^m$ | 84°34' |
| 41 9-19 | 20s,56 G | |
| II. | $19^h26^m$ | 84°32' |
| 57 7-19 [1] | 5s,26 G | 4",3 G |
| 58 9-15 | 5,06 G | |
| 62 9-16 | 5,32 G | 6,1 G |

[1] 𝒫 diminuée de 5'.

### 26368 P. — 37026 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $19^h26^m$ | 55°47' |
| 68 8-4 | 51s,86 G | 39",6 G |
| 75 8-9 | 51,74 G | |
| 8-25 | 51,66 G | |
| 79 7-29 | 51,69 G | 38,6 G |

### 26369 P. — 37038 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $19^h26^m$ | 51°51' |
| 81 8-21 | 53s,79 J | 44",3 J |
| 8-22 | 53,99 J | 44,4 J |

### 26370 P. — 645* $W_1$.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $19^h25^m$ | 85°52' |
| 45 9-11 | 24s,49 G | |

### 26371 P. — 36997 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $19^h25^m$ | 85°17' |
| 40 8-15 | 27s,75 G | |
| 8-16 | 27,68 G | |
| 41 9-22 | | 51",8 F |
| II. | $19^h26^m$ | 85°16' |
| 56 5-23 | | 5",3 G |
| 57 8-20 | 12s,15 G | 4,0 G |
| 58 6-7 | 12,17 G | |
| 7-3 | 12,15 G | 5,1 G |

### 26372 P. — 20690 $Mn_1$.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $19^h26^m$ | 89°51' |
| 57 8-11 | | 33",8 G |
| 8-24 | 11s,75 G | |

### 26373 P. — 36960 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $19^h25^m$ | 114°11' |
| 39 7-10 | 12s,28 G | |
| 7-27 | 12,18 G | |
| 7-28 | 12,18 G | 19",0 F |
| 9-4 | 12,31 G | |
| 9-6 | | 18,1 F |

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. Æ. | D. |
|---|---|---|

**26373 P. (suite).**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | $19^h26^m$ | 114°9' |
| 55 7-12 | $6^s,65$ G | |
| 58 8- 4 | 6,66 G | 29",5 G |
| III. | $19^h27^m$ | 114°7' |
| 79 9- 4 | $1^s,04$ J | 39",7 J |

**26374 P. — 37004 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | $19^h25^m$ | 84°35' |
| 41 9-11 | $32^s,53$ G | 6",8 F |
| 9-19 | 32,70 G | |
| II. | $19^h26^m$ | 84°33' |
| 57 7-19 | $16^s,99$ G | 14",4 G |
| 8-22 | 16,98 G | 16,1 G |
| 58 9-15 | 17,08 G | |
| 60 9- 4 | 17,00 G | 15,8 G |
| 62 9-16 | | 17,8 G |

**26375 P. — 37025 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | $19^h27^m$ | 60°4' |
| 81 7-21 | $1^s,39$ J | 34",5 J |
| 7-29 | 1,17 J | 35,1 J |
| 8- 5 | 1,04 J | 35,9 J |
| 8- 6 | 1,22 J | 35,8 J |

**26376 P. — 37023 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | $19^h25^m$ | 62°3' |
| 41 8-20[1] | $52^s,03$ G | |
| III. | $19^h27^m$ | 61°59' |
| 81 8-28 | $4^s,38$ J | 53",3 J |

[1] Æ augmentée de $2^s$ : erreur de réduct.

**26377 P. — 36976 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | $19^h26^m$ | 106°36' |
| 54 9-19[1] | $12^s,34$ G | 28",7 G |
| 58 7- 4 | 12,88 G | |
| III. | $19^h27^m$ | 106°34' |
| 79 9- 8 | $4^s,54$ J | 42",1 J |

[1] Æ non comprise dans la moy.

**26378 P. — 8556 YF.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | $19^h26^m$ | 121°54' |
| 58 8-19 | $8^s,04$ G | |

**26379 P. — 36990 à 92 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | $19^h25^m$ | 95°4' |
| 43 7- 8 | $30^s,46$ G | |
| II. | $19^h26^m$ | 95°2' |
| 56 7-28 | $18^s,23$ G | |
| 57 7-13 | 18,22 G | |
| 8- 2 | 18,37 G | |
| 58 9- 8 | 18,37 G | |
| 9-27 | | 24",0 F |
| 10- 8 | | 24,4 G |
| III. | $19^h27^m$ | 95°0' |
| 68 8-22 | $6^s,13$ M | 33",6 M |
| 69 7-29 | 5,92 M | 33,2 M |
| 74 7-13 | 5,79 G | 32,9 G |
| 7-15 | 5,94 G | 32,8 G |
| 7-18 | 6,01 G | 33,2 G |
| 75 7-20 | 5,85 G | 33,5 G |
| 8-17 | 6,08 G | 33,5 G |

**26380 P. — 37046-47 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | $19^h26^m$ | 55°52' |
| 46 7-12 | | 24",9 G |
| 7-17 | $0^s,62$ G | 25,5 G |
| 47 9-23 | 0,87 G | |
| 10-22 | 0,43 G | |
| 10-28 | | 24,1 G |
| 50 7-30 | | 24,4 G |
| II. | $19^h26^m$ | 55°50' |
| 67 8-19 | $34^s,07$ G | 33",5 G |
| III. | $19^h27^m$ | 55°48' |
| 68 8- 7 | $7^s,45$ G | |
| 75 6-30 | 7,63 M | 40",8 M |
| 8- 9 | 7,57 M | 41,6 M |
| 8-25 | 7,46 M | 41,6 M |
| 76 8- 4 | 7,49 M | 40,7 M |
| 8-10 | 7,40 M | 41,1 M |

**26381 P. — 37010 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | $19^h26^m$ | 82°31' |
| 57 10- 6 | | 34",6 G |
| 58 7-13 | $24^s,84$ G | 32,3 G |
| 60 7-24 | 24,75 G | 33,4 G |

**26382 P. — 36981 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | $19^h26^m$ | 106°40' |
| 54 9-26 | $17^s,46$ G | |
| 58 7- 4 | 17,54 G | 24",1 G |
| III. | $19^h27^m$ | 106°38' |
| 78 8-31 | $8^s,91$ M | 34",6 M |

**26383 P. — 37003 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | $19^h26^m$ | 90°34' |
| 55 8-13 | $23^s,61$ G | |
| 58 10- 5 | | 53",8 G |
| III. | $19^h27^m$ | 90°33' |
| 76 7-20 | $9^s,77$ G | 3",8 G |
| 7-21 | 9,82 G | 4,1 G |
| 7-22 | 9,69 G | 4,4 G |
| 7-29 | 9,78 G | 3,1 G |

**26384 P. — 36993 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | $19^h26^m$ | 100°41' |
| 54 9-18 | $26^s,77$ G | |
| 58 10- 6 | | 37",7 G |
| III. | $19^h27^m$ | 100°39' |
| 68 8-12 | $16^s,58$ M | 46",4 M |
| 70 7-16 | 16,76 M | 45,3 M |

**26385 P. — 37065-66 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | $19^h26^m$ | 47°20' |
| 40 8-20 | | 22",8 F |

**26386 P. — 797 $W_1$.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | $19^h26^m$ | 62°20' |
| 58 9-14 | $44^s,15$ G | |
| 59 7-16 | 44,10 G | |
| 61 7-19[1] | 44,03 G | |

[1] Æ diminuée de $1^m$ : erreur de transcr.

**26387 P. — 7588 Rümker.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | $19^h26^m$ | 62°22' |
| 59 9-23 | $44^s,87$ G | |
| 61 7-15 | 44,92 G | 27",9 G |
| 9- 1 | | 28,6 G |

**26388 P. — 661 $W_1$.**

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | $19^h25^m$ | 86°34' |
| 45 8- 9 | | 5",1 G |
| 8-12 | | 4,0 F |

**26389 P. — 20733 $Mn_1$.**

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | $19^h27^m$ | 98°51' |
| 68 8-13 | $24^s,31$ M | 6",6 M |
| 80 8-31 | 24,36 M | 4,1 M |
| 81 7-13 | 24,33 M | 3,7 M |

**26390 P. — 20731 $Mn_1$.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | $19^h26^m$ | 79°31' |
| 59 7-17 | $42^s,41$ G | |

**26391 P. — 37000 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | $19^h26^m$ | 103°13' |
| 55 7-13 | $37^s,39$ G | |
| III. | $19^h27^m$ | 103°11' |
| 80 8- 8 | $27^s,36$ M | 34",0 M |
| 8-10 | 27,47 M | 32,1 M |

**26392 P. — 37042 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | $19^h27^m$ | 68°48' |
| 71 8-29 | $32^s,64$ M | 39",1 M |
| 74 7-18 | 32,55 M | 38,4 M |
| 7-20 | 32,67 M | 38,4 M |

**26393 P. — 37008 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | $19^h26^m$ | 100°35' |
| 54 9-10 | $44^s,98$ G | 55",7 G |
| III. | $19^h27^m$ | 100°34' |
| 81 7-16 | $34^s,56$ M | 8",0 M |

**26394 P. — 37007 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | $19^h26^m$ | 102°26' |
| 54 9-27 | $44^s,22$ G | |
| 59 9-10 | 44,39 G | 1",3 G |
| III. | $19^h27^m$ | 102°24' |
| 79 9- 2 | $34^s,58$ J | 10",4 J |

**26395 P. — 37045 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | $19^h26^m$ | 69°19' |
| 39 7-16 | $17^s,42$ G | |
| 8-23 | 17,33 G | |
| II. | $19^h26^m$ | 69°17' |
| 58 8- 7 | $56^s,36$ G | 39",5 G |
| III. | $19^h27^m$ | 69°15' |
| 80 8-23 | $35^s,44$ M | 47",0 M |

Dates 1800 + — Positions moyennes pour les époques du Catal.

#### 26396 P. — 37094 L.

| A. | M. J. | AR | D |
|---|---|---|---|
| | III. | 19h 27m | 41°40' |
| 80 | 7-28 | 35s,59G | 58",4G |
| | 8-20[1] | 35,66M | 56,1M |
| | 9-10 | 35,79G | |

[1] D diminuée de 10" : err. de moyenne.

#### 26397 P. — 37019 L.

| A. | M. J. | AR | D |
|---|---|---|---|
| | II. | 19h 26m | 84°49' |
| 55 | 10-21 | 51s,84G | |
| 57 | 8-7 | | 57",0G |
| | III. | 19h 27m | 84°48' |
| 71 | 8-9 | 36s,19M | 5",5M |

#### 26398 P. — 36999 et 37001 L.

| A. | M. J. | AR | D |
|---|---|---|---|
| | II. | 19h 26m | 109°4' |
| 54 | 9-25 | 46s,93G | |
| 55 | 7-23 | | 4",6G |
| 59 | 8-16 | 47,00G | 3,3G |
| | III. | 19h 27m | 109°2' |
| 70 | 8-20 | 39s,24M | 12",2M |
| 78 | 8-17 | 39,50M | 11,8M |

#### 26399 P. — 37024 L.

| A. | M. J. | AR | D |
|---|---|---|---|
| | III. | 19h 27m | 82°26' |
| 71 | 8-10 | 41s,33M | 20",7M |
| | 8-11 | 41,32M | 20,7M |

#### 26400 P. — 37067 L.

| A. | M. J. | AR | D |
|---|---|---|---|
| | III. | 19h 27m | 55°59' |
| 81 | 9-4 | 42s,78J | 1",2J |

#### 26401 P. — 37027 L.

| A. | M. J. | AR | D |
|---|---|---|---|
| | III. | 19h 27m | 82°20' |
| 72 | 7-16 | 43s,47G | |
| 74 | 7-29 | 43,50M | 59",5M |
| | 7-31 | 43,52M | 58,6M |
| | 8-6 | 43,50M | 59,2M |
| | 8-20 | 43,67G | 61,2G |

#### 26402 P. — 37029 L.

| A. | M. J. | AR | D |
|---|---|---|---|
| | I. | 19h 26m | 89°58' |
| 40 | 7-21 | 24s,33G | |
| | II. | 19h 27m | 89°56' |
| 55 | 9-27 | | 45",6G |
| 57 | 8-11 | 10s,21G | |
| 59 | 7-12 | 10,26G | 45,0G |
| 62 | 9-14 | 10,12G | |

#### 26403 P. — 678 $W_1$.

| A. | M. J. | AR | D |
|---|---|---|---|
| | I. | 19h 26m | 80°46' |
| 40 | 7-29 | 31s,90G | |
| | 8-2 | 31,89G | 29",3F |
| | 8-4 | 32,01G | 26,9F |
| | 8-5 | 31,95G | 27,3F |

#### 26404 P. — 37044 L.

| A. | M. J. | AR | D |
|---|---|---|---|
| | I. | 19h 26m | 82°56' |
| 37 | 6-22 | 30s,93G | 44",8F |
| | 6-23 | 30,80G | |
| | 8-2 | 30,81G | |
| | 8-8 | | 45,2F |
| | 8-16 | 30,85G | |
| | 8-17 | 30,87G | |
| 38 | 9-3 | 30,88G | |
| | 9-11 | 30,91G | |
| 41 | 8-18 | 30,76G | |
| | 9-10 | 30,91G | |
| 46 | 8-10 | 31,02G | |
| | 8-11 | 31,07G | |
| | 8-12 | 30,99G | |
| | 8-22 | 30,98G | |
| | 9-13[1] | 30,99G | 44,5G |
| | 9-14 | 31,03G | |
| | 9-15 | 30,90G | |
| 48 | 10-6 | 31,04G | 44,4G |
| | 11-2 | 30,89G | 43,6G |
| | II. | 19h 27m | 82°54' |
| 54 | 8-20 | 14s,97G | |
| 57 | 7-21 | 14,88G | 55",1G |
| | 7-27 | 14,85G | 53,2G |
| 58 | 9-3 | 14,97G | |
| 62 | 9-11 | | 54,8G |

[1] D diminuée de 25" : erreur de moy.

#### 26405 P. — 37122 L.

| A. | M. J. | AR | D |
|---|---|---|---|
| | II. | 19h 27m | 39°59' |
| 66 | 8-23 | 36s,87G | |
| | III. | 19h 28m | 39°57' |
| 81 | 8-8 | 0s,84G | 34",9G |

#### 26406 P. — 37034 L.

| A. | M. J. | AR | D |
|---|---|---|---|
| | III. | 19h 28m | 90°37' |
| 76 | 8-5 | 1s,31G | 37",4G |
| | 8-8 | 1,45G | 37,7G |
| | 8-11 | 1,34G | 37,6G |
| | 8-12 | 1,26G | 37,6G |

#### 26407 P. — 37077-78 L.

| A. | M. J. | AR | D |
|---|---|---|---|
| | III. | 19h 28m | 59°1' |
| 68 | 7-30 | 3s,51G | 55",4G |
| 75 | 7-19 | 3,72G | 54,5G |
| | 8-26 | 3,53G | |

#### 26408 P. — 37074-75 L.

| A. | M. J. | AR | D |
|---|---|---|---|
| | I. | 19h 26m | 62°56' |
| 41 | 8-22[1] | 54s,02G | |
| | II. | 19h 27m | 62°54' |
| 58 | 8-28 | 30s,52G | |
| 59 | 8-22 | 30,39G | 36",7G |
| | III. | 19h 28m | 62°52' |
| 70 | 7-22 | 7s,12G | 44",9G |

[1] Erreur de 5' dans la décl. approchée inscrite au t. IV (distance des fils).

#### 26409 P. — 165 Piazzi.

| A. | M. J. | AR | D |
|---|---|---|---|
| | I. | 19h 26m | 113°38' |
| 39 | 8-24 | 19s,47G | 34",6F |
| | 9-10 | 19,30G | |
| 40 | 7-17 | 19,34G | 33,3F |
| | 8-14 | 19,42G | 35,2F |

#### 26410 P. — 37050 L.

| A. | M. J. | AR | D |
|---|---|---|---|
| | I. | 19h 26m | 82°32' |
| 41 | 7-15 | 40s,47G | |
| | 7-16 | 40,41G | 44",2F |
| | II. | 19h 27m | 82°30' |
| 56 | 7-3 | 23s,96G | |
| 57 | 8-18 | 24,06G | 53",8G |
| | 8-21 | | 53,6G |
| 59 | 7-21[1] | 24,21G | 53,9G |

[1] AR augmentée de 5s.

#### 26411 P. — 37069-70 L.

| A. | M. J. | AR | D |
|---|---|---|---|
| | II. | 19h 27m | 66°48' |
| 58 | 8-6 | 30s,65G | 7",5G |
| | 8-8 | | 8,1G |
| | III. | 19h 28m | 66°46' |
| 73 | 7-25 | 8s,76G | |
| 75 | 9-7 | 8,80M | 15",5M |
| 76 | 8-9 | 8,65M | 16,5M |
| | 8-12 | 8,91M | 13,8M |
| | 8-25 | 8,94M | 15,0M |

#### 26412 P. — 4134 A + 7°.

| A. | M. J. | AR | D |
|---|---|---|---|
| | II. | 19h 27m | 82°53' |
| 58 | 9-5 | 26s,96G | |

#### 26413 P. — 166 Piazzi.

| A. | M. J. | AR | D |
|---|---|---|---|
| | I. | 19h 26m | 111°6' |
| 40 | 8-1 | 25s,25G | 29",3F |
| | 8-3 | 25,12G | 30,6F |
| | 8-29 | 25,13G | |
| 51 | 10-2[1] | 25,18G | |

[1] Désignée à tort au t. IX comme $h^2$ Sagittaire (dist. des fils).

#### 26414 P. — 37028 L.

| A. | M. J. | AR | D |
|---|---|---|---|
| | I. | 19h 26m | 100°53' |
| 37 | 7-3 | 34s,69G | |
| | 7-5 | 34,64G | |
| | 7-24 | 34,67G | |
| | 8-25 | | 34",8F |
| 38 | 10-3 | 34,50G | |
| 39 | 7-19 | 34,78G | |
| 41 | 8-27 | 34,65G | |
| | 8-30 | 34,52G | 38,0F |
| 46 | 8-17 | 34,79G | 37,7G |
| 47 | 10-26 | 34,72G | |
| | II. | 19h 27m | 100°51' |
| 56 | 6-26 | 24s,39G | 46",0G |
| 59 | 8-7 | 24,45G | |
| 67 | 7-24 | 24,39M | 46,0M |
| | III. | 19h 28m | 100°49' |
| 70 | 7-14[1] | 13s,83M | 53",2M |

[1] D diminuée de 3",4 : erreur de moy. et erreur de 10" sur un microsc.

#### 26415 P.

| A. | M. J. | AR | D |
|---|---|---|---|
| | I. | 19h 27m | 41°15' |
| 45 | 8-9 | 25s,12G | |
| | 8-12[1] | 24,99G | |

[1] Erreur de 7° dans la décl. approchée inscrite au t. VI (dist. des fils). Le registre porte d'ailleurs ★ $h = 89°54'$.

#### 26416 P. — 37082 L.

| A. | M. J. | AR | D |
|---|---|---|---|
| | III. | 19h 28m | 62°31' |
| 81 | 8-8 | 15s,30J | 43",1J |

#### 26417 P. — 37016 à 18 L.

| A. | M. J. | AR | D |
|---|---|---|---|
| | I. | 19h 26m | 115°3' |
| 39 | 7-27 | 36s,56G | |
| | 7-30 | 36,75G | 9",8F |
| 46 | 7-9 | 36,46G | |
| 47 | 6-28 | 36,62G | |
| | 9-9 | 36,74G | |
| | 9-10 | 36,59G | |
| | 9-18 | 36,96G | |
| 48 | 10-5 | 36,52G | |
| 51 | 5-19 | 36,69G | |
| 53 | 6-23 | 36,53G | 8,4G |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜. 𝒫.)

**26417 P. (suite).**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $19^h 27^m$ | 115° 1′ |
| 55 | 7-21 | $31^s,41$ G | 20″,5 G |
| 57 | 7-20 | 31,72 G | 19,1 G |
| | 8- 7 | 31,65 G | |
| | 8- 9 | 31,57 G | |
| | 10- 2 | 31,55 G | |

**26418 P. — 20814 Mn$_1$.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $19^h 27^m$ | 79° 31′ |
| 58 | 8-24 | $45^s,47$ G | |
| | | III. | |
| | | $19^h 28^m$ | 79° 29′ |
| 71 | 9-15 | $28^s,19$ G | |
| 81 | 8- 4 | 27,82 M | 35″,5 M |

**26419 P. — 37068 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $19^h 27^m$ | 79° 35′ |
| 56 | 7-25 | | 19″,1 G |
| 58 | 8-23 | $48^s,46$ G | 21,2 G |
| | 8-24 [1] | 49,30 G | 22,5 G |
| | 9-11 | 48,73 G | 20,1 G |
| 59 | 7-17 | 48,77 G | |
| | | III. | |
| | | $19^h 28^m$ | 79° 33′ |
| 71 | 8-12 | $31^s,67$ G | |
| | 8-28 | 31,43 G | 27″,6 G |
| | 9-12 | 31,45 G | |

[1] 𝒜 non comprise dans la moyenne : fils très discordants.

**26420 P. — 37087 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $19^h 28^m$ | 66° 6′ |
| 80 | 8-30 | $31^s,67$ J | 39″,7 J |
| 81 | 7-18 | 31,97 J | 39,2 J |

**26421 P. — 37048 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $19^h 27^m$ | 102° 33′ |
| 54 | 9- 9 | $45^s,36$ G | |
| 59 | 7-11 | 45,20 G | 21″,6 G |

**26422 P. — 37086 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $19^h 28^m$ | 68° 17′ |
| 81 | 8-14 | $35^s,80$ J | 2″,0 J |

**26423 P. — 37108 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $19^h 28^m$ | 56° 49′ |
| 67 | 8-24 | $1^s,92$ G | 5″,6 G |

**26423 P. (suite).**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $19^h 28^m$ | 56° 47′ |
| 79 | 7-17 | $35^s,84$ G | |
| | 8-20 | 35,97 G | 10″,2 G |

**26424 P. — 37055 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $19^h 27^m$ | 94° 36′ |
| 58 | 7-30 | $48^s,73$ G | 43″,8 G |
| | 10- 8 | | 44,4 G |
| | | III. | |
| | | $19^h 28^m$ | 94° 34′ |
| 77 | 8-13 | $36^s,26$ M | 51″,3 M |
| | 8-16 | 36,27 M | 51,5 M |
| | 8-17 | 36,45 M | 50,3 M |

**26425 P. — 37020 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $19^h 27^m$ | 118° 58′ |
| 56 | 8- 4 | | 44″,3 G |
| 57 | 6-29 | | 45,3 G |

**26426 P. — 37083 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $19^h 27^m$ | 74° 2′ |
| 58 | 7-16 | | 13″,1 F |
| | 7-17 | $58^s,22$ G | 11,3 G |
| 59 | 7-24 [1] | 58,24 G | |

[1] 𝒜 dim. de $0^s,40$ : erreur de moy.

**26427 P. — 37090 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $19^h 28^m$ | 68° 15′ |
| 81 | 7-19 | $39^s,44$ J | 0″,6 J |

**26428 P. — 20845 Mn$_1$.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $19^h 27^m$ | 85° 9′ |
| 40 | 8-15 | $14^s,01$ G | |
| | 8-16 | 14,07 G | |

**26429 P. — 37081 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $19^h 28^m$ | 79° 20′ |
| 58 | 7-12 | | 58″,7 G |
| | 8- 9 | | 58,4 G |
| | 8-16 | $0^s,88$ G | 59,2 G |
| | 8-31 | 0,86 G | 57,4 G |
| | 9- 6 | 1,01 G | 59,3 G |

**26430 P. — 37057 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $19^h 27^m$ | 97° 47′ |
| 41 | 9-21 | $7^s,70$ G | |
| | 9-22 | 7,51 G | |
| | 10- 1 | 7,64 G | |
| | 10- 6 | 7,64 G | |
| | | II. | |
| | | $19^h 27^m$ | 97° 45′ |
| 56 | 7-31 | $56^s,27$ G | |
| 57 | 7-31 | 56,01 G | 44″,1 G |
| | | III. | |
| | | $19^h 28^m$ | 97° 43′ |
| 74 | 7-21 | $44^s,88$ G | 52″,5 G |
| | 8-21 | 44,86 G | 53,2 G |
| | 8-22 | 44,91 G | 51,8 G |

**26431 P. — 5178 Sf. — 9°.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $19^h 28^m$ | 99° 7′ |
| 68 | 8-13 | $45^s,50$ M | 6″,9 M |

**26432 P. — 37120-21 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $19^h 28^m$ | 57° 6′ |
| 67 | 8- 5 | $13^s,99$ G | 26″,2 G |
| | | III. | |
| | | $19^h 28^m$ | 57° 4′ |
| 68 | 8-13 | | 32″,7 G |
| 76 | 7-20 | $47^s,75$ M | 30,4 M |

**26433 P. — 37054 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $19^h 27^m$ | 103° 24′ |
| 55 | 7-20 | $58^s,16$ G | |
| 60 | 7-13 | 58,04 G | 33″,3 G |
| 61 | 8- 1 | 57,97 G | 33,8 G |
| | 8-21 [1] | 58,15 G | 34,7 G |
| | 9- 5 | 58,02 G | 33,5 G |
| | | III. | |
| | | $19^h 28^m$ | 103° 22′ |
| 78 | 9- 2 | $48^s,58$ M | 40″,9 M |
| | 9- 7 | 48,37 M | 41,2 M |

[1] 𝒜 dim. de $0^s,20$ : err. de $1^s$ sur un fil.

**26434 P. — 37146 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $19^h 28^m$ | 46° 50′ |
| 80 | 8-26 | $48^s,84$ J | 12″,6 J |

**26435 P. — 37076 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $19^h 27^m$ | 86° 1′ |
| 41 | 9-22 | | 19″,4 F |

**26435 P. (suite).**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $19^h 28^m$ | 85° 59′ |
| 56 | 9- 5 | | 28″,7 G |
| 59 | 8-24 | $4^s,43$ G | |
| | | III. | |
| | | $19^h 28^m$ | 85° 57′ |
| 71 | 8- 5 | $48^s,99$ M | |

**26436 P. — 37106 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $19^h 28^m$ | 64° 14′ |
| 58 | 9-16 | $13^s,90$ G | 23″,3 G |
| | | III. | |
| | | $19^h 28^m$ | 64° 12′ |
| 70 | 7-18 | $51^s,05$ G | 29″,1 G |
| | 7-29 | 51,25 G | 29,9 G |

**26437 P. — 37107 et 09 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $19^h 28^m$ | 64° 29′ |
| 58 | 7-15 | $14^s,83$ G | 40″,6 G |
| | | III. | |
| | | $19^h 28^m$ | 64° 27′ |
| 79 | 7-13 | $52^s,12$ G | 48″,2 G |
| | 8-26 | 52,01 G | 49,2 G |

**26438 P. — 37097 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $19^h 28^m$ | 72° 19′ |
| 56 | 8-30 | $13^s,71$ G | 15″,9 G |
| | 9- 3 | | 16,1 G |
| | | III. | |
| | | $19^h 28^m$ | 72° 17′ |
| 71 | 7-20 | $54^s,02$ M | 23″,1 M |
| | 7-20 | 53,63 G | 21,8 G |
| | 7-28 | 53,86 M | 21,2 M |
| | 7-28 | 53,86 G | |
| | 7-31 | 53,81 G | |
| | 8-13 | 54,04 G | 22,0 G |
| | 8-21 | 53,70 G | |
| | 9- 2 | 53,88 G | 22,7 G |
| | 9- 6 | 53,91 G | 22,1 G |

**26439 P. — 37062 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $19^h 28^m$ | 100° 40′ |
| 56 | 8- 1 | $6^s,76$ G | |
| 58 | 7-11 | 6,87 G | 10″,6 G |
| | 10- 6 | | 11,8 G |
| | | III. | |
| | | $19^h 28^m$ | 100° 38′ |
| 68 | 8-12 | $56^s,36$ M | 16″,1 M |
| 78 | 9-16 | 56,28 M | 15,3 M |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (Æ, ℘)

**26440 P. — 37148 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $19^h 28^m$ | 48°47′ |
| 81 7-18 | $57^s,83$ G | |

**26441 P. — 37136 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $19^h 28^m$ | 54°36′ |
| 67 8-10[1] | $25^s,21$ G | 10″,4 G |

[1] Indiquée à tort à l'obs. d'asc. droite comme 37163 L. : le Cahier-minute porte bien 37136 L.

**26442 P. — 10105 Cambridge.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $19^h 28^m$ | 62°13′ |
| 61 7-19 | $22^s,22$ G | |

**26443 P. — 37164 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $19^h 29^m$ | 43°57′ |
| 80 8-9 | $0^s,56$ G | 26″,4 G |
| 81 7-16 | 0,68 G | 27,7 G |

**26444 P. — 37119 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $19^h 28^m$ | 64°56′ |
| 59 7-25 | | 57″,6 G |
| 60 7-21 | $24^s,99$ G | 57,4 G |
| III. | $19^h 29^m$ | 64°55′ |
| 80 8-11 | $2^s,38$ M | 4″,5 M |

**26445 P. — 37098-99 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $19^h 28^m$ | 77°13′ |
| 58 7-21 | | 31″,7 G |
| 61 8-27 | $21^s,20$ G | 33,2 G |
| 67 8-23 | 21,21 M | 32,1 M |
| 8-24 | 21,21 M | 32,9 M |

**26446 P. — 37101 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $19^h 29^m$ | 72°8′ |
| 79 9-1 | $3^s,13$ G | 38″,1 G |

**26447 P. — 37112 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| I. | $19^h 27^m$ | 70°33′ |
| 37 8-8 | $46^s,38$ G | |
| 39 8-16 | 46,41 G | |
| 8-19 | 46,46 G | |
| 41 8-19 | 46,34 G | |
| 46 8-18 | | 40″,0 G |
| 47 8-28 | 46,40 G | |
| 50 10-11 | 46,58 G | |

**26447 P. (suite).**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $19^h 28^m$ | 70°31′ |
| 57 8-13 | $25^s,96$ G | 46″,6 G |
| 58 9-25 | 26,01 G | 46,0 G |
| 9-27 | 25,96 G | |
| 10-12 | 25,99 G | |

**26448 P. — 2875 Gr.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $19^h 28^m$ | 31°41′ |
| 64 7-19 | | 51″,8 G |
| 7-26 | | 51,3 G |
| 7-28 | | 52,3 G |
| 8-1 | | 51,7 G |
| 8-26 | | 51,6 G |

**26449 P. — 37051 à 53 L.**

52 $h^2$ Sagittaire.

Étoile fondamentale.

**26450 P. — 854-55 $W_2$.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $19^h 29^m$ | 73°37′ |
| 71 8-10 | $6^s,67$ G | |

**26451 P. — 37100 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $19^h 28^m$ | 79°29′ |
| 58 7-7 | | 57″,5 G |
| III. | $19^h 29^m$ | 79°28′ |
| 71 8-16 | $7^s,87$ G | |
| 8-19 | 7,75 G | |

**26452 P. — 37085 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $19^h 28^m$ | 87°23′ |
| 55 10-19 | $23^s,04$ G | |
| 56 7-5 | | 32″,6 G |
| 8-31 | | 35,0 G |
| 57 8-6 | | 32,8 G |
| 9-5 | | 33,5 G |
| III. | $19^h 29^m$ | 87°21′ |
| 71 8-1 | $8^s,26$ M | 39″,7 M |

**26453 P. — 37060-61 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| I. | $19^h 27^m$ | 109°11′ |
| 39 7-10 | $23^s,79$ G | |
| 7-31 | 23,78 G | |
| 8-1 | 23,58 G | |
| 9-6 | | 20″,8 F |
| 41 9-13 | 23,70 G | |

**26453 P. (suite).**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $19^h 28^m$ | 109°9′ |
| 54 8-22 | | 30″,6 G |
| 9-11 | $16^s,14$ G | 30,3 G |
| 56 7-15 | 16,52 G | |
| III. | $19^h 29^m$ | 109°7′ |
| 79 7-17 | $8^s,91$ J | 35″,2 J |

**26454 P. — 37152-53 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $19^h 28^m$ | 51°32′ |
| 67 8-9 | $43^s,79$ G | 26″,4 G |
| 9-6 | 43,97 G | 27,0 G |

**26455 P. — 7628 Rümker.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $19^h 29^m$ | 73°49′ |
| 71 8-7 | $16^s,17$ M | 17″,1 M |
| 8-9 | 15,99 G | 16,8 G |

**26456 P. — 37138 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| I. | $19^h 28^m$ | 62°46′ |
| 40 8-31 | $5^s,95$ G | |
| II. | $19^h 28^m$ | 62°44′ |
| 59 7-16 | $42^s,39$ G | |
| III. | $19^h 29^m$ | 62°42′ |
| 70 8-6 | $19^s,01$ G | 16″,2 G |
| 75 8-9 | 18,83 G | 14,7 G |

**26457 P. — 37089 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $19^h 28^m$ | 92°45′ |
| 56 8-3 | $33^s,42$ G | |
| 8-23 | | 32″,0 G |
| III. | $19^h 29^m$ | 92°43′ |
| 76 7-19 | $20^s,21$ G | 39″,4 G |
| 7-20 | 20,11 G | 39,2 G |
| 7-22 | 20,22 G | 39,3 G |

**26458 P. — 37093 L[1].**

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $19^h 29^m$ | 90°30′ |
| 69 7-29[2] | $20^s,45$ M | 6″,2 M |
| 76 7-22 | 20,37 M | 9,2 M |
| 8-4 | 20,40 M | 9,8 M |
| 8-17 | 20,24 M | 10,2 M |

[1] La correction indiquée par Argelander ne doit pas être appliquée : l'étoile a un mouvement propre de +0″,35 en dist. pol.
[2] ℘ diminuée de 5′.

**26459 P. — 37088 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $19^h 28^m$ | 93°21′ |
| 55 8-6 | | 41″,9 G |
| III. | $19^h 29^m$ | 93°19′ |
| 68 8-10 | $20^s,47$ M | 49″,2 M |
| 69 8-6 | 20,50 M | 49,1 M |

**26460 P. — 37177 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $19^h 29^m$ | 44°13′ |
| 80 8-10 | $23^s,10$ G | 49″,8 G |
| 81 7-12 | | 48,8 G |

**26461 P. — 37137 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $19^h 29^m$ | 66°22′ |
| 73 8-4 | $25^s,29$ G | |
| 75 7-29 | 25,34 G | 55″,3 G |
| 80 7-19 | 25,63 M | 56,5 M |

**26462 P. — 37170 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $19^h 28^m$ | 50°34′ |
| 67 8-19 | $55^s,39$ G | 26″,8 G |

**26463 P. — 37071 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| I. | $19^h 27^m$ | 112°14′ |
| 43 9-5 | $41^s,05$ G | |
| II. | $19^h 28^m$ | 112°12′ |
| 55 7-30 | $34^s,91$ G | |
| III. | $19^h 29^m$ | 112°10′ |
| 80 8-9 | $28^s,46$ M | 39″,3 M |
| 9-5 | 28,64 M | 38,6 M |

**26464 P. — 37157 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $19^h 28^m$ | 56°2′ |
| 67 8-13 | $56^s,62$ G | 0″,6 G |

**26465 P. — 37079-80 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $19^h 28^m$ | 109°5′ |
| 54 9-4 | $39^s,84$ G | 23″,4 G |
| 57 9-12 | 39,99 G | |
| III. | $19^h 29^m$ | 109°3′ |
| 70 7-15 | $32^s,11$ M | 31″,5 M |
| 8-20 | 32,15 M | 32,2 M |

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### 26466 P. — 37110 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 19h 28m | 90° 13' |
| 44 8- 8 | 4s,22 G | |
| II. | 19h 28m | 90° 11' |
| 56 8-24 | 50s,43 G | 56",8 G |
| 58 10- 5 | | 57,1 G |
| 60 9-12 | 50,43 G | 61,5 G |
| 9-15 | 50,28 G | 59,0 G |
| III. | 19h 29m | 90° 10' |
| 78 7-29 | 36s,63 G | |
| 7-30 | 36,47 G | 12",9 G |

### 26467 P. — 37111 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 19h 28m | 90° 5' |
| 40 7-21 | 5s,14 G | |
| 44 7- 2 | 4,85 G | |
| 7-27 | | 16",3 G |
| 8- 6 | 4,96 G | |
| II. | 19h 28m | 90° 3' |
| 55 8-23 | 51s,12 G | |
| 59 7-12 | 50,92 G | 22",6 G |
| III. | 19h 29m | 90° 1' |
| 76 8- 7 | 37s,03 G | 26",7 G |

### 26468 P. — 37149 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 19h 29m | 65° 9' |
| 58 9-10 | 0s,44 G | 5",8 G |

### 26469 P. — 37133-34 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 19h 29m | 77° 1' |
| 71 9- 3 | 40s,17 G | 55",9 G |
| 9-11 | 40,35 G | |
| 75 8- 7 | 40,33 M | 54,9 M |
| 76 7-29 | 40,19 M | 55,5 M |

### 26470 P. — 37104-05 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 19h 28m | 93° 6' |
| 58 9-26 | 53s,29 G | 44",0 G |
| III. | 19h 29m | 93° 4' |
| 76 7-29 | 40s,40 G | 50",7 G |

### 26471 P. — 37181 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 19h 28m | 47° 58' |
| 40 8-20 | | 31",3 F |
| 9-21 | 42s,55 G | |

### 26472 P. — 37158-59 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 19h 29m | 61° 7' |
| 71 8-26 | 41s,51 M | 12",0 M |
| 8-26 | 41,11 G | 13,6 G |

### 26473 P. — 879 W2.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 19h 29m | 66° 49' |
| 58 8- 6 | 5s,50 G | |

### 26474 P. — 37150 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 19h 29m | 68° 8' |
| 58 8-30 | 7s,10 G | |
| 10- 2 | | 46",0 G |
| 59 9-16 | 7,23 G | 47,6 G |

### 26475 P. — 37091 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 18h 28m | 108° 34' |
| 39 9- 4 | 3s,55 G | |
| 40 8- 1 | 3,63 G | |
| 8- 3 | 3,54 G | |
| 8-17 | 3,57 G | |
| 8-29 | 3,43 G | |
| II. | 19h 28m | 108° 32' |
| 54 8-25 | 55s,74 G | |
| 57 9- 9 | | 18",4 G |

### 26476 P. — 37189 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 19h 29m | 46° 45' |
| 81 7-28 | 48s,42 G | 15",3 G |

### 26477 P. — 37155 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 19h 29m | 65° 14' |
| 81 7-16 | 49s,06 J | 32",2 J |
| 7-23 | | 29,6 J |

### 26478 P. — 37118 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 19h 29m | 92° 35' |
| 77 7-26 | 49s,55 G | |
| 7-30 | 49,75 G | |

### 26479 P. — 37166 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 19h 29m | 63° 4' |
| 58 8- 7 | 16s,11 G | |

### 26480 P. — 37171 et 73 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 19h 28m | 60° 52' |
| 37 6-22 | 41s,48 G | |
| 6-23 | 41,49 G | |
| 8-10 | 41,44 G | |
| 8-13 | 41,38 G | 27",0 F |
| 39 8-24 | 41,45 G | 28,8 F |
| 9-15 | 41,37 G | |
| 41 8-24 | 41,53 G | |
| 50 7-29 | 41,52 G | |
| II. | 19h 29m | 60° 50' |
| 58 11- 4 | 17,08 G | |
| 11-11 | 17,11 G | 31",4 G |
| 63 7-10 | 17,14 G | |
| 7-11 | 17,23 G | |
| 7-24 | 17,22 G | |
| 7-31 | 17,15 G | |
| 8- 1 | 17,22 G | |
| 8- 9 | 17,07 G | |
| 8-13 | 17,02 G | |
| 8-14[1] | 17,05 M | |
| 8-14 | 17,13 G | |
| 8-24 | 17,13 G | |
| 8-25 | 17,19 G | |
| 8-31 | 17,19 G | |
| 9-11 | 17,14 G | |
| 64 6-13 | 17,22 G | |
| 6-22 | 17,13 G | |
| 7- 1 | 17,25 G | |
| 7-11 | 17,23 G | |
| 8- 2 | 17,14 G | |
| 8-17 | 17,18 G | |
| 8-27 | 17,12 G | |
| 8-28 | 17,14 G | |
| 8-29 | 17,08 G | |
| 9- 1 | 17,24 G | |
| 9- 5 | 17,27 G | |
| 9- 9 | 17,19 G | |
| 65 9- 1 | 17,05 G | |
| 9- 6 | 17,23 G | |
| 9- 7 | 17,24 G | |
| 9- 8 | 17,15 G | |
| 9-13 | 17,18 G | |
| III. | 19h 29m | 60° 48' |
| 72 7- 1 | 52s,84 G | |
| 7- 4 | 52,83 G | |
| 7-19 | 52,84 G | |
| 7-21 | 52,87 G | |
| 7-22 | 52,81 G | |
| 8-28 | 52,93 G | |
| 8-31 | 52,96 G | |
| 9- 7 | 52,76 G | |
| 74 7-18 | 52,76 M | 37",6 M |

[1] 𝒜 augmentée de 1m.

### 26481 P. — 37113 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 19h 29m | 100° 44' |
| 54 8-26 | 6s,01 G | |
| 67 7-24 | 5,82 M | 25",5 M |
| III. | 19h 29m | 100° 42' |
| 78 8-17 | 55s,26 M | 34",7 M |

### 26482 P. — 7540 Berlin A.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 19h 29m | 69° 57' |
| 58 7-25 | 16s,19 G | |

### 26483 P. — 19384 A.O.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 19h 29m | 29° 27' |
| 40 11- 7[1] | 29s,78 G | 57",2 F |
| 11- 9[2] | 30,20 G | 53,8 F |

[1] 𝒜 augmentée de 0s,72 : erreur de réd.
[2] 𝒜 augmentée de 0s,14 : erreur de réd.

### 26484 P. — 37135 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 19h 29m | 86° 11' |
| 56 7-14 | 13s,39 G | |
| 57 8-20 | 13,48 G | |
| 58 7-19 | 13,40 G | |
| 59 8-25 | 13,22 G | |
| III. | 19h 29m | 86° 9' |
| 71 8- 8 | 58s,40 M | 19",7 M |
| 8- 9 | 58,25 M | 20,9 M |

### 26485 P. — 37117 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 19h 28m | 100° 29' |
| 41 8-27 | 19s,63 G | |
| 8-30 | 19,75 G | |
| 9-10 | 19,79 G | |
| 9-11 | 19,76 G | 45",1 F |
| 9-19 | 19,84 G | |
| II. | 19h 29m | 100° 27' |
| 54 8-30 | 9s,21 G | 53",5 G |
| 9-16 | 9,18 G | |

### 26486 P. — 37096 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 19h 29m | 112° 15' |
| 55 7-19 | 6s,21 G | |
| III. | 19h 29m | 112° 13' |
| 79 9- 2 | 59s,75 J | 48",5 J |

### 26487 P. — 37114 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 19h 29m | 103° 28' |
| 54 8-28 | 10s,90 G | |
| 60 7-13[1] | 11,20 G | 49",6 G |

[1] 𝒫 augmentée de 1'.

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**26488 P. — 37123 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 19h29m | 95°54' |
| 55 8- 9 | 14s,15G | |
| 60 9- 5 | 14,21G | 15",3G |
| III. | 19h30m | 95°52' |
| 74 8-22 | 2s,20G | 19",9G |

**26489 P. — 37144 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 19h28m | 84°19' |
| 40 8- 4 | | 49",5F |
| II. | 19h29m | 84°17' |
| 57 7-27 | 19s,83G | 55",0G |
| 8-22 | 19,93G | 56,3G |

**26490 P. — 7544 Berlin A.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 19h29m | 74°2' |
| 58 7-17 | 23s,76G | 2",6G |
| 59 7-24[1] | 23,47G | |

[1] Æ augm. de 0s,13 : suppression d'un fil erroné.

**26491 P. — 37168 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| III. | 19h30m | 69°27' |
| 80 9- 1 | 5s,50J | 7",1J |
| 81 8- 5 | 5,56J | 7,2J |

**26492 P. — 20959 Mn1.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 19h29m | 79°47' |
| 59 7- 8 | 23s,64G | |
| 7-10 | 23,57G | |
| 7-17 | 23,95G | |

**26493 P. — 37145 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 19h28m | 86°9' |
| 41 7-18 | 39s,76G | |
| II. | 19h29m | 86°7' |
| 57 5-27 | | 10",7G |
| 8-20 | 24s,69G | 11,4G |
| 10- 6 | | 12,4G |

**26494 P. — 37200 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| III. | 19h30m | 48°50' |
| 68 7-30 | 9s,94M | 36",4M |
| 75 8- 9 | 9,66M | 36,3M |

**26495 P. — 37127-28 et 30-31 L.**

39 κ Aigle.

Étoile fondamentale.

**29496 P. — 37206 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| III. | 19h30m | 48°20' |
| 80 8- 3 | 11s,21G | 41",4G |
| 81 7-29 | 11,10G | 42,0G |
| 8- 1 | 11,23G | 43,6G |

**26497 P. — 37156 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 19h29m | 79°9' |
| 58 8-31 | 31s,01G | |
| 59 7-25 | 31,29G | |
| 60 7-24 | 31,22G | 24",8G |

**26498 P. — 37188 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 19h29m | 56°30' |
| 66 7-25 | 40s,15G | 36",7G |
| III. | 19h30m | 56°28' |
| 68 8- 7 | 13s,88G | |
| 74 8-26 | 13,94M | 42",0M |

**26499 P. — 905 W2.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 19h28m | 70°33' |
| 47 8-27 | 55s,74G | |
| 8-28 | 55,76G | |

**26500 P. — 37229 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 19h29m | 41°4' |
| 40 7-29[1] | | 26",3F |
| 45 8- 9 | 25s,47G | |
| 8-12 | 25,48G | |
| 8-16 | 25,48G | |
| 8-17 | 25,22G | |
| III. | 19h30m | 41°0' |
| 81 8- 2 | 14s,97G | 33",7G |

[1] Observation faite près du zénith sans indication de la position de l'observateur. On n'a pas tenu compte de la valeur de l'équation personnelle dans la réduction de distance polaire.

**26501 P. — 37142-43 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 19h28m | 91°37' |
| 37 7- 7[1] | | 31",5F |
| 8-16 | 42s,04G | |
| 8-17 | 42,02G | |
| 9-20 | 42,09G | 31,4F |
| 38 8-13 | | 30,0F |
| 10- 4 | 42,06G | |
| 41 8- 6 | 42,07G | 34,9F |
| 46 7-25 | 42,00G | |
| 8-11 | | 31,2G |
| 8-21 | 42,02G | |
| 8-25 | 42,14G | |
| 8-26 | 42,12G | |
| 49 7-20 | 42,13G | |
| 7-26 | 42,05G | |
| 52 6- 4 | 41,90G | |
| 53 9-19 | 42,12G | |

[1] 𝒫 augmentée de 50" : erreur de réduct.

**26502 P. — 7119 Berlin B.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 19h28m | 67°50' |
| 41 8-21 | 59s,71G | |

**26503 P. — 37167 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 19h29m | 78°8' |
| 59 8-28 | 38s,18G | 42",9G |
| III. | 19h30m | 78°6' |
| 79 8-11 | 20s,04G | 48",1G |

**26504 P. — 37176 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 19h29m | 68°10' |
| 58 8-30 | 41s,60G | |

**26505 P. — 10142 Cambridge.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 19h29m | 62°23' |
| 61 7-19 | 46s,49G | |

**26506 P. — 37154 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 19h29m | 87°15' |
| 57 8-28 | | 38",8G |
| 58 7- 3 | 40s,35G | 38,8G |
| 7-13 | 40,45G | |

**26507 P. — 735 W1.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| III. | 19h30m | 98°20' |
| 63 8-13 | 25s,97M | 3",6M |

**26508 P. — 37199 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| III. | 19h30m | 56°4' |
| 68 8- 4 | 26s,96G | 27",9G |

**26509 P. — 37172 et 87 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 19h29m | 63°11' |
| 58 8- 7 | 50s,90G | |
| 61 7-18 | 50,79G | 53",1G |
| III. | 19h30m | 63°9' |
| 74 7-20 | 27s,50M | 56",7M |
| 8-13 | 27,49M | 57,7M |
| 75 8-25 | 27,47M | 57,0M |
| 76 8-10 | 27,50M | 57,5M |

**26510 P. — 734 W1.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 19h28m | 104°38' |
| 40 7-27 | 50s,13G | |

**26511 P. — 37193 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| III. | 19h30m | 65°6' |
| 81 8-22 | 34s,87J | 3",4J |

**26512 P. — 37228 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 19h29m | 47°55' |
| 40 8-20 | | 27",6F |
| II. | 19h30m | 47°53' |
| 62 7-21 | 7s,31G | |
| 7-24 | 7,28G | |
| 7-26 | 7,30G | |
| 7-27 | 7,26G | |
| 7-30 | | |
| 7-31 | 7,32G | |
| 66 8-22 | 7,51G | |

**26513 P. — 922 W2.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 19h30m | 64°29' |
| 58 7-15 | 0s,34G | |

**26514 P. — 37195 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 19h30m | 66°27' |
| 59 6-14 | 1s,39G | |

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|---|---|---|
| A. M. J. | Æ. | D. |

**26515 P. — 37184 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | 19h 30m | 74°25' |
| 58 9-12 | 0s,67 G | 6",2 G |

**26516 P. — 37151 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | 19h 29m | 100°2' |
| 54 8-29 | 55s,18 G | 30",2 G |
| III. | 19h 30m | 100°0' |
| 70 7-14 | 44s,72 M | 32",2 M |
| 78 8-31 | 44,68 M | 33,2 M |

**26517 P. — 37237 L.**

| A. M. J. | Æ | D |
|---|---|---|
| I. | 19h 29m | 46°23' |
| 40 9-10 | 49s,68 G | |
| 9-12 | 49,83 G | |
| 9-29 | 49,89 G | |
| 9-30 | 49,81 G | |
| II. | 19h 30m | 46°21' |
| 67 9- 6 | 18s,20 M | 35",2 M |

**26518 P. — 928 W$_2$.**

| A. M. J. | Æ | D |
|---|---|---|
| I. | 19h 29m | 67°45' |
| 41 8-19 | 30s,50 G | |
| 8-20 | 30,62 G | |
| 8-21 | 30,54 G | |

**26519 P. — 37175 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | 19h 30m | 90°48' |
| 56 7-26 | | 7",1 G |
| 7-28 | 5s,04 G | 6,9 G |
| III. | 19h 30m | 90°46' |
| 68 8- 7 | 51s,66 M | 9",0 M |
| 76 8- 5 | 51,47 G | 12,6 G |

**26520 P. — 37162 L.**

| A. M. J. | Æ | D |
|---|---|---|
| I. | 19h 29m | 100°19' |
| 41 9-21 | 12s,59 G | |
| 9-22 | 12,42 G | |
| 10- 1 | 12,40 G | |
| 10- 6 | 12,64 G | |
| II. | 19h 30m | 100°17' |
| 54 9- 8 | 2s,09 G | |
| 9-10 | 1,92 G | |
| 58 7- 4 | 2,08 G | 6",2 G |

**26521 P. — 37190 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | 19h 30m | 76°56' |
| 67 8- 5 | 12s,48 M | 48",2 M |
| III. | 19h 30m | 76°54' |
| 71 9-14 | 54s,48 G | |

**26522 P. — 37201 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | 19h 30m | 68°20' |
| 59 7-15 | 15s,68 G | 10",4 G |

**26523 P. — 37191 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | 19h 30m | 79°2' |
| 57 6- 2 | | 9",7 G |
| 58 8-24 | 15s,67 G | 10,0 G |
| 59 7-25 | 15,86 G | |

**26524 P. — 37208 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | 19h 30m | 68°14' |
| 59 7-15 | 19s,85 G | |

**26525 P. — 37180 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | 19h 30m | 87°19' |
| 57 7-19 | 13s,88 G | |
| 58 7-13 | | 45",5 G |
| 61 9- 5 | 13,78 G | 48,1 G |

**26526 P. — 37217 et 19 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | 19h 30m | 63°4' |
| 61 7-18 | 24s,20 G | 28",0 G |

**26527 P. — 37260 L.**

| A. M. J. | Æ | D |
|---|---|---|
| III. | 19h 31m | 43°48' |
| 80 8-30 | 2s,03 G | 27",4 G |
| 81 8- 7 | 1,94 G | 26,0 G |

**26528 P. — 37214 L.**

| A. M. J. | Æ | D |
|---|---|---|
| III. | 19h 31m | 66°35' |
| 70 7-18 | 2s,29 G | 13",2 G |
| 76 8- 9 | 1,98 M | 15,1 M |
| 8-12 | 2,23 M | 12,9 M |
| 8-25 | 2,22 M | 12,2 M |

**26529 P. — 37192 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | 19h 30m | 81°59' |
| 56 7- 3 | 20s,67 G | |
| 57 7-21 | 20,61 G | 44",0 G |
| 59 7- 2 | 20,59 G | 43,5 G |

**26530 P. — 754 W$_1$.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | 19h 30m | 93°0' |
| 58 9-26 | 17s,59 G | 31",9 G |

**26531 P. — 37266 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | 19h 30m | 42°8' |
| 66 8-23 | 41s,10 G | |

**26532 P. — 37178-79 et 98 L.**

| A. M. J. | Æ | D |
|---|---|---|
| I. | 19h 29m | 94°59' |
| 39 6-26 | 33s,87 G | |
| 7- 1 | 33,75 G | |
| 7- 3 | 33,87 G | |
| 7-16 | 33,89 G | |
| 7-30 | 33,83 G | 17",2 F |
| 7-31 | 33,81 G | |
| 41 9-13 | 33,74 G | |
| 46 7- 9 | 33,73 G | |
| 9-11 | 33,78 G | |
| 9-12 | 33,80 G | |
| 9-13 | 33,82 G | |
| 9-15 | 33,87 G | |
| 9-16 | 33,73 G | |
| 9-17 | 33,80 G | |
| 9-18 | 33,89 G | |
| 9-19 | 33,84 G | |
| 9-22 | 33,78 G | |
| 9-23 | 33,93 G | |
| 47 6-28 | 33,92 G | |
| 8-19 | 33,88 G | |
| 8-27 | | 15,6 F |
| 9- 9 | 33,89 G | 19,5 G |
| 48 7-14 | 33,86 G | |
| 7-17 | 33,83 G | |
| 8-24 | | 18,1 G |
| 10- 3 | 33,92 G | |
| 10- 6 | 33,88 G | |
| 49 7- 6 | | 17,0 G |
| 7-21 | 33,97 G | |
| 7-22 | 33,90 G | |
| 51 8-25 | 33,82 G | |
| 53 7-21 | 33,91 G | |
| II. | 19h 30m | 94°57' |
| 55 8-11 | | 20",3 G |
| 9-27 | | 25,5 G |
| 57 7-13 | 21s,57 G | 23,8 G |
| 8-11 | | 24,4 G |
| 58 7-30 | 21,76 G | 22,1 G |
| 59 9- 5[1] | 21,66 G | |
| III. | 19h 31m | 94°55' |
| 69 7-29 | | 27",2 G |

[1] Indiquée à tort au tome XV comme 37183 L. Le cahier-minute porte 37198 L. ★ h = 36°13'.

**26533 P. — 37196 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | 19h 30m | 69°58' |
| 58 7-25 | 30s,48 G | 35",5 G |
| 9- 6 | 30,58 G | 35,9 G |
| III. | 19h 31m | 69°56' |
| 71 9- 5 | 9s,78 G | 38",0 G |

**26534 P. — 941 W$_2$.**

| A. M. J. | Æ | D |
|---|---|---|
| III. | 19h 31m | 65°12' |
| 79 8-20 | 10s,08 G | |

**26535 P. — 753 W$_1$.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | 19h 30m | 101°28' |
| 54 9-18[1] | | 28",4 G |

[1] D augmentée de 1' : erreur de transcr.

**26536 P. — 19809 A. O.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | 19h 30m | 117°41' |
| 57 9-27 | 16s,86 G | |

**26537 P. — 37223 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | 19h 30m | 66°18' |
| 58 9-14 | 35s,00 G | |

**26538 P. — 767 W$_1$.**

| A. M. J. | Æ | D |
|---|---|---|
| I. | 19h 29m | 84°53' |
| 41 9-22[1] | | 16",7 F |

[1] D augmentée de 2' : erreur de transcr.

**26539 P. — 37212 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | 19h 30m | 65°18' |
| 58 8- 8 | | 29",3 G |
| 59 7-25 | | 28,3 G |
| III. | 19h 31m | 65°16' |
| 79 8-20 | | 31",9 G |

**26540 P. — 21067 Mn$_1$.**

| A. M. J. | Æ | D |
|---|---|---|
| I. | 19h 29m | 95°55' |
| 47 9-30[1] | 40s,71 G | |

[1] Indiquée à tort comme 42 Aigle : l'obs. a été faite sur le même calage que la suivante (D = −5°17').

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. Æ | D |
|---|---|---|

**26541 P. — 2879 Gr.**

| | I. $19^h30^m$ | 46°20′ |
|---|---|---|
| 40 9-29 | 20$^s$,31 G | |
| 9-30 | 20,11 G | |

**26542 P. — 7473-74 Sj.**

| | II. $19^h30^m$ | 79°42′ |
|---|---|---|
| 59 9-23 | 34$^s$,78 G | |

**26543 P. — 37254 L.**

| | I. $19^h30^m$ | 53°23′ |
|---|---|---|
| 46 7-11 | 14$^s$,38 G | |
| 7-17 | 14,09 G | 47″,5 G |
| 47 9-12 | | 46,5 G |
| 10-28 | | 46,8 G |
| 49 10-17 | 14,24 G | 45,9 G |
| 11- 5 | 14,12 G | |
| 50 8-12 | | 45,9 G |
| | II. $19^h30^m$ | 53°21′ |
| 66 7-11[1] | 46$^s$,26 G | 51″,7 G |
| | III. $19^h31^m$ | 53°19′ |
| 68 7-30 | 18$^s$,55 G | 52″,8 G |

[1] Æ augmentée de 0$^s$,17 : err. de moy.

**26544 P. — 37259 L.**

| | III. $19^h31^m$ | 50°14′ |
|---|---|---|
| 80 8-30 | 20$^s$,28 J | 50″,6 J |
| 81 8-14 | 20,52 J | 51,1 J |

**26545 P. — 37252 L.**

| | II. $19^h30^m$ | 56°33′ |
|---|---|---|
| 67 7-30 | 49$^s$,31 G | 40″,5 G |

**26546 P. — 37194 L.**

| | II. $19^h30^m$ | 94°55′ |
|---|---|---|
| 58 9- 8 | 39$^s$,37 G | 14″,5 G |
| | III. $19^h31^m$ | 94°53′ |
| 79 7-15 | 27$^s$,07 M | 17″,5 M |

**26547 P. — 3712 A + 23°.**

| | II. $19^h30^m$ | 66°19′ |
|---|---|---|
| 58 9-14 | 49$^s$,76 G | |

**26548 P. — 37220 L.**

| | II. $19^h30^m$ | 77°11′ |
|---|---|---|
| 56 8-15 | 47$^s$,05 G | |
| 62 8- 3 | 46,93 G | 43″,2 G |
| 67 8-23 | 47,07 M | 41,8 M |
| 8-24 | 47,06 M | 42,6 M |

**26549 P. — 37186 L.**

| | II. $19^h30^m$ | 101°27′ |
|---|---|---|
| 54 9-18 | 40$^s$,74 G | |
| | III. $19^h31^m$ | 101°25′ |
| 78 9- 3 | 30$^s$,75 M | 41″,8 M |
| 9-10 | 30,81 M | 42,3 M |

**26550 P. — 37258 L.**

| | III. $19^h31^m$ | 55°3′ |
|---|---|---|
| 81 7-18 | 30$^s$,93 J | 47″,6 J |
| 8- 8 | 30,79 J | 48,5 J |

**26551 P. — 3879 A + 15°.**

| | II. $19^h30^m$ | 74°5′ |
|---|---|---|
| 58 7-17 | 52$^s$,00 G | |

**26552 P. — 37209 L.**

| | I. $19^h30^m$ | 88°50′ |
|---|---|---|
| 40 8-15 | 1$^s$,49 G | |
| 8-16 | 1,49 G | |
| | II. $19^h30^m$ | 88°48′ |
| 55 10-21 | 47$^s$,21 G | |
| 56 7-15 | | 44″,4 G |
| 59 8- 6 | | 45,4 G |
| | III. $19^h31^m$ | 88°46′ |
| 71 8- 1 | 32$^s$,81 M | 49″,6 M |

**26553 P. — 21088 Mn$_1$.**

| | II. $19^h30^m$ | 87°25′ |
|---|---|---|
| 57 7-19 | | 27″,8 G |

**26554 P. — 37253 L.**

| | II. $19^h30^m$ | 56°50′ |
|---|---|---|
| 67 8-24 | 59$^s$,49 G | 53″,7 G |
| | III. $19^h31^m$ | 56°48′ |
| 79 9- 3 | 33$^s$,49 G | 54″,8 G |

**26555 P. — 37222 L.**

| | III. $19^h31^m$ | 65°14′ |
|---|---|---|
| 73 8- 4 | 34$^s$,15 G | |
| 75 9- 7 | 34,27 M | 52″,9 M |
| 76 7-20 | 34,33 M | 52,4 M |
| 8- 4 | 34,33 M | 52,1 M |

**26556 P. — 37240 L.**

| | III. $19^h31^m$ | 66°44′ |
|---|---|---|
| 70 8- 6 | 35$^s$,82 G | 9″,4 G |
| 75 8- 9 | 35,72 G | 8,7 G |

**26557 P. — 7476 Sj.**

| | III. $19^h31^m$ | 98°35′ |
|---|---|---|
| 68 8-12 | 36$^s$,95 M | 38″,1 M |

**26558 P. — 37230-31 L.**

| | I. $19^h30^m$ | 73°52′ |
|---|---|---|
| 39 7-10 | 16$^s$,36 G | |
| 8- 1 | 16,39 G | |
| 8-23 | 16,44 G | |
| 46 7-19 | 16,27 G | 52″,5 G |
| 8-17 | 16,44 G | |
| 9-30 | 16,41 G | |
| 10-27 | 16,39 G | |
| 47 10- 3 | | 51,0 G |
| 10-22 | 16,29 G | |
| 10-26[1] | 16,35 G | |
| 48 6-22 | 16,43 G | |
| 50 10-16 | | 53,5 G |
| 51 8-19 | 16,50 G | |
| 8-21 | 16,44 G | |
| 53 9-17 | 16,46 G | |
| 9-21 | 16,56 G | |
| | II. $19^h30^m$ | 73°50′ |
| 56 6-26 | 57$^s$,17 G | 55″,8 G |
| 58 8-16 | 57,14 G | 56,3 G |
| | III. $19^h31^m$ | 73°48′ |
| 71 8-12 | 38$^s$,14 G | |
| 8-16 | 38,06 G | |
| 9-12 | 37,99 G | |

[1] Æ augmentée de 4$^s$ : erreur de moy.

**26559 P. — 962-63 W$_2$.**

| | II. $19^h31^m$ | 62°25′ |
|---|---|---|
| 61 7-19 | 2$^s$,40 G | |

**26560 P. — 37261 L.**

| | II. $19^h31^m$ | 59°4′ |
|---|---|---|
| 67 8-10 | 7$^s$,52 G | 28″,3 G |

**26561 P. — 774 W$_1$.**

| | I. $19^h30^m$ | 84°0′ |
|---|---|---|
| 40 7-29 | 14$^s$,24 G | |
| 8- 2 | | 1″,5 F |

**26562 P. — 37242 L.**

| | II. $19^h51^m$ | 68°18′ |
|---|---|---|
| 59 7-15 | 5$^s$,02 G | |
| 8-22 | 4,79 G | 18″,1 G |
| | III. $19^h31^m$ | 68°16′ |
| 81 8- 4 | 43$^s$,50 M | 20″,1 M |

**26563 P. — 5056 Sf. — 8°.**

| | III. $19^h31^m$ | 98°19′ |
|---|---|---|
| 68 8-13 | 43$^s$,57 M | 6″,7 M |

**26564 P. — 37233 L.**

| | II. $19^h31^m$[1] | 73°50′ |
|---|---|---|
| 58 8-16 | 3$^s$,38 G | |
| | III. $19^h31^m$ | 73°48′ |
| 71 8-13 | 44$^s$,06 G | 45″,5 G |
| 8-28 | 44,01 G | 45,6 G |
| 9- 6 | 44,06 G | 44,7 G |

**26565 P. — 37232 L.**

| | II. $19^h31^m$ | 77°37′ |
|---|---|---|
| 58 7-16 | 3$^s$,69 G | 15″,3 F |
| 61 8- 5 | 3,46 G | |
| 8-18 | 3,57 G | |
| 8-27 | 3,64 G | 16,9 G |
| | III. $19^h31^m$ | 77°35′ |
| 71 7-20 | 45$^s$,40 G | |

**26566 P. — 37286 L.**

| | III. $19^h31^m$ | 43°50′ |
|---|---|---|
| 80 8- 8 | 46$^s$,09 G | 50″,7 G |
| 8-26 | 45,73 J | 52,4 J |

**26567 P. — 1017 W$_{\frac{1}{2}}$.**

| | III. $19^h31^m$ | 58°58′ |
|---|---|---|
| 79 9- 1 | 46$^s$,87 G | 15″,7 G |

[1] L'asc. dr. de Weisse doit être diminuée de 1$^m$ : erreur de réduction.

Dates 1800+ — Positions moyennes pour les époques du Catal.

### 26568 P. — 37215 L.

| A. M. J. | 𝒜ℛ | 𝒟 |
|---|---|---|
| | II. | |
| | 19h31m | 90°48′ |
| 56 8-3 | 0s,91 G | |
| 57 7-10 | | 5″,3 G |
| | III. | |
| | 19h31m | 90°46′ |
| 76 7-20 | 47s,15 G | 9″,7 G |
| 8-7 | | 9,0 G |
| 77 8-13 | 46,99 M | 11,2 M |
| 8-16 | | 9,9 M |

### 26569 P. — 37246 L.

| A. M. J. | 𝒜ℛ | 𝒟 |
|---|---|---|
| | II. | |
| | 19h31m | 71°20′ |
| 56 9-19 | 11s,40 G | 4″,9 G |
| 59 8-16 | 11,47 G | 4,2 G |

### 26570 P. — 37207 L.

| A. M. J. | 𝒜ℛ | 𝒟 |
|---|---|---|
| | I. | |
| | 19h30m | 100°30′ |
| 41 8-27 | 12s,38 G | |
| 8-30 | 12,49 G | |
| 9-10 | 12,48 G | |
| 9-11 | 12,19 G | 5″,7 F |
| 9-19 | 12,52 G | |
| | II. | |
| | 19h31m | 100°28′ |
| 54 9-7 | | 8″,3 G |
| 9-25 | 1s,92 G | |
| | III. | |
| | 19h31m | 100°26′ |
| 70 7-15 | 51s,41 M | 11″,5 M |

### 26571 P. — 776 W1.

| A. M. J. | 𝒜ℛ | 𝒟 |
|---|---|---|
| | I. | |
| | 19h30m | 91°37′ |
| 49 7-20 | 19s,54 G | |

### 26572 P. — 3993 A + 10°.

| A. M. J. | 𝒜ℛ | 𝒟 |
|---|---|---|
| | II. | |
| | 19h31m | 79°41′ |
| 59 7-8 | 11s,56 G | |
| 7-10 | 11,49 G | |
| 7-17[1] | 11,69 G | |

[1] 𝒜ℛ diminuée de 0s,20 : erreur de moy.

### 26573 P. — 37268 L.

| A. M. J. | 𝒜ℛ | 𝒟 |
|---|---|---|
| | I. | |
| | 19h30m | 60°1′ |
| 37 6-23 | 46s,26 G | |
| 40 8-1 | 46,21 G | 7″,7 F |
| 8-2 | 46,22 G | |
| 8-3 | 46,20 G | 8,6 F |
| 8-17 | 46,28 G | |

### 26573 P. (suite).

| A. M. J. | 𝒜ℛ | 𝒟 |
|---|---|---|
| | II. | |
| | 19h31m | 59°59′ |
| 58 9-16 | 21s,39 G | 11″,0 G |
| | III. | |
| | 19h31m | 59°57′ |
| 79 7-13 | 56s,96 G | 12″,0 G |

### 26574 P. — 37224 L.

| A. M. J. | 𝒜ℛ | 𝒟 |
|---|---|---|
| | III. | |
| | 19h31m | 91°12′ |
| 68 8-10 | 57s,04 M | 13″,1 M |
| 69 8-6 | 57,18 M | 13,5 M |

### 26575 P. — 37227 L.

| A. M. J. | 𝒜ℛ | 𝒟 |
|---|---|---|
| | I. | |
| | 19h30m | 90°0′ |
| 37 8-2 | 25s,79 G | 1″,4 F |
| 39 9-6 | | 2,7 F |
| 40 7-15 | 25,84 G | 3,4 F |
| 7-16 | | 2,9 F |
| 7-17 | 25,78 G | 1,3 F |
| 8-4 | 25,79 G | 2,3 F |
| 8-5 | 25,75 G | 3,2 F |
| 41 8-13 | 25,67 G | 3,8 F |
| | III. | |
| | 19h31m | 89°56′ |
| 72 7-5 | 57s,81 M | 9″,0 M |
| 74 8-20 | 58,12 G | 9,8 G |

### 26576 P. — 37202-03 L.

| A. M. J. | 𝒜ℛ | 𝒟 |
|---|---|---|
| | II. | |
| | 19h31m | 107°13′ |
| 54 9-5 | 9s,10 G | |
| 9-19 | 9,18 G | 31″,3 G |
| | III. | |
| | 19h32m | 107°11′ |
| 78 8-17 | 1s,12 M | 32″,8 M |
| 79 7-17 | 1,16 J | 31,4 J |

### 26577 P. — 37204-05 L.

| A. M. J. | 𝒜ℛ | 𝒟 |
|---|---|---|
| | III. | |
| | 19h32m | 107°11′ |
| 78 9-7 | 1s,85 M | 26″,2 M |

### 26578 P. — 37218 L.

| A. M. J. | 𝒜ℛ | 𝒟 |
|---|---|---|
| | II. | |
| | 19h31m | 100°39′ |
| 54 9-7 | 14s,45 G | |
| 9-27 | 14,36 G | |
| 56 8-5 | | 11″,4 G |
| | III. | |
| | 19h32m | 100°37′ |
| 79 8-2 | 3s,89 J | 12″,2 J |

### 26579 P. — 773 W1.

| A. M. J. | 𝒜ℛ | 𝒟 |
|---|---|---|
| | I. | |
| | 19h30m | 104°0′ |
| 47 8-26 | | 57″,7 G |

### 26580 P. — 3995 A + 10°.

| A. M. J. | 𝒜ℛ | 𝒟 |
|---|---|---|
| | II. | |
| | 19h31m | 79°38′ |
| 59 7-17[1] | 25s,31 G | |

[1] 𝒜ℛ diminuée de 7s,40 : erreur de moy.

### 26581 P. — 784 W1.

| A. M. J. | 𝒜ℛ | 𝒟 |
|---|---|---|
| | I. | |
| | 19h30m | 91°36′ |
| 49 7-26 | 35s,22 G | |

### 26582 P. — 37248 L.

| A. M. J. | 𝒜ℛ | 𝒟 |
|---|---|---|
| | II. | |
| | 19h31m | 81°23′ |
| 56 9-4 | | 36″,9 G |
| 59 8-24 | 26s,34 G | |
| | III. | |
| | 19h32m | 81°21′ |
| 71 8-5 | 9s,41 M | 38″,6 M |

### 26583 P. — 21137 Mn1.

| A. M. J. | 𝒜ℛ | 𝒟 |
|---|---|---|
| | I. | |
| | 19h30m | 109°56′ |
| 53 9-20 | 23s,83 G | |

### 26584 P. — 21135 Mn1.

| A. M. J. | 𝒜ℛ | 𝒟 |
|---|---|---|
| | II. | |
| | 19h31m | 90°58′ |
| 57 8-30 | 23s,89 G | |

### 26585 P. — 37256 L.

| A. M. J. | 𝒜ℛ | 𝒟 |
|---|---|---|
| | II. | |
| | 19h31m | 77°41′ |
| 58 7-7 | | 36″,8 G |
| 7-12 | | 35,9 G |
| 7-26[1] | 27s,94 G | 37,0 G |
| | III. | |
| | 19h32m | 77°39′ |
| 71 7-20 | 10s,16 M | |
| 7-31 | 10,11 G | |
| 8-9 | 10,22 G | 40″,8 G |
| 9-3 | | 40,7 G |
| 9-11 | 10,30 G | |
| 9-15 | 10,22 M | |
| 9-15 | 10,52 G | 41,0 G |

[1] 𝒜ℛ augm. de 0s,30 : erreur de moy.

### 26586 P. — 37251 L.

| A. M. J. | 𝒜ℛ | 𝒟 |
|---|---|---|
| | II. | |
| | 19h31m | 81°33′ |
| 57 7-28 | 27s,01 G | 53″,6 G |
| 8-6 | 26,78 G | 53,3 G |
| 8-7 | 27,01 G | 54,0 G |
| 8-21 | 27,01 G | 54,0 G |
| 9-5 | | 54,1 G |
| 10-2 | 27,02 G | 54,5 G |

### 26587 P. — 37274 L.

| A. M. J. | 𝒜ℛ | 𝒟 |
|---|---|---|
| | II. | |
| | 19h31m | 61°48′ |
| 67 8-5 | | 33″,2 G |
| | III. | |
| | 19h32m | 61°46′ |
| 70 7-29 | 10s,46 G | 35″,9 G |
| 79 7-30 | 10,49 M | 36,7 M |
| 80 9-5 | 10,36 M | 36,9 M |

### 26588 P. — 37276 L.

| A. M. J. | 𝒜ℛ | 𝒟 |
|---|---|---|
| | II. | |
| | 19h31m | 60°58′ |
| 58 11-4 | 34s,92 G | |
| | III. | |
| | 19h32m | 60°56′ |
| 79 8-26 | 10s,79 J | 41″,8 J |
| 9-18 | 11,00 J | 43,9 J |

### 26589 P. — 37267 L.

| A. M. J. | 𝒜ℛ | 𝒟 |
|---|---|---|
| | I. | |
| | 19h30m | 68°7′ |
| 41 8-20 | 55s,50 G | |
| 8-21 | 55,37 G | |
| | III. | |
| | 19h32m | 68°3′ |
| 81 7-19 | 12s,90 J | 55″,2 J |

### 26590 P. — 37255 L.

| A. M. J. | 𝒜ℛ | 𝒟 |
|---|---|---|
| | II. | |
| | 19h31m | 81°43′ |
| 59 7-21 | 33s,60 G | 39″,5 G |
| | III. | |
| | 19h32m | 81°41′ |
| 71 8-8 | 16s,78 M | 41″,5 M |

### 26591 P. — 37165 et 211 L.

| A. M. J. | 𝒜ℛ | 𝒟 |
|---|---|---|
| | I. | |
| | 19h30m | 113°46′ |
| 39 7-27 | 30s,31 G | |
| 8-16 | 30,25 G | |
| 8-19 | 30,34 G | |
| 46 7-20 | 30,39 G | 29″,1 G |
| 8-14 | 30,27 G | |
| 8-29 | 30,22 G | |
| 49 7-16 | | 28,1 F |

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. AR | D |
|---|---|---|

**26591 P. (suite).**

| A. M. J. | AR | D |
|---|---|---|
| II. | 19h31m | 113°44' |
| 55 7-20 | 24s,58G | 31",8G |
| 7-30 | 24,45G | 32,2G |
| 9-7 | 24,64G | |
| 57 8-12[1] | 24,41G | 32,4G |
| 58 7-?2 | | 32,8G |
| 59 8-31 | 24,40G | |
| 60 10-27 | 24,43G | 32,3G |
| III. | 19h32m | 113°42' |
| 79 8-12 | 18s,63J | 35",3J |

[1] AR augmentée de 1m : erreur de transcr.

**26592 P. — 37299 L.**

| A. M. J. | AR | D |
|---|---|---|
| III. | 19h32m | 48°23' |
| 81 7-12 | | 9",6G |

**26593 P. — 37297 L.**

| A. M. J. | AR | D |
|---|---|---|
| III. | 19h32m | 49°16' |
| 81 7-18 | 20s,61G | 6",8G |

**26594 P. — 37269 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | 19h31m | 71°43' |
| 56 7-16 | 42s,71G | 13",1G |
| 58 9-11 | 42,59G | 14,2G |
| III. | 19h32m | 71°41' |
| 71 8-7 | 22s,83M | |
| 8-7 | 22,92G | 17",2G |

**26595 P. — 10190 Cambridge.**

| A. M. J. | AR | D |
|---|---|---|
| I. | 19h31m | 59°55' |
| 40 8-1 | 16s,89G | 21",7F |
| 8-2 | 16,82G | |
| 8-3 | 16,65G | 22,3F |
| 8-17 | 16,93G | |
| 8-20 | 16,96G | |
| II. | 19h31m | 59°57' |
| 58 9-16 | 52s,13G | |

**26596 P. — 19833-34 A.O.**

| A. M. J. | AR | D |
|---|---|---|
| I. | 19h30m | 109°34' |
| 40 7-14 | 43s,37G | |

**26597 P. — 37221 L.**

| A. M. J. | AR | D |
|---|---|---|
| I. | 19h30m | 112°24' |
| 43 9-5 | 41s,85G | |
| II. | 19h31m | 112°22' |
| 55 9-25 | 35s,45G | |
| 56 8-4 | | 42",4G |
| 57 6-29 | | 42,1G |

**26598 P. — 37278 L.**

| A. M. J. | AR | D |
|---|---|---|
| III. | 19h32m | 67°28' |
| 73 7-25 | 31s,70G | |
| 74 7-18 | 31,77M | 58",3M |

**26599 P. — 209 Piazzi.**

| A. M. J. | AR | D |
|---|---|---|
| II. | 19h31m | 82°41' |
| 61 7-9 | 49s,23G | |

**26600 P. — 37300 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | 19h32m | 51°55' |
| 59 8-30 | 1s,16G | |
| 67 8-9 | 1,29G | 41",9G |
| III. | 19h32m | 51°53' |
| 79 7-17 | 32s,99G | 43",5G |

**26601 P. — 208 Piazzi.**

| A. M. J. | AR | D |
|---|---|---|
| I. | 19h31m | 83°55' |
| 45 8-9 | | 1",5G |
| 8-12 | | 2,5F |

**26602 P. — 37262 L.**

| A. M. J. | AR | D |
|---|---|---|
| I. | 19h31m | 86°57' |
| 37 7-29 | 3s,35G | |
| 40 7-27 | 3,38G | |
| 41 7-15 | 3,38G | 56",2F |
| 7-16 | 3,32G | 56,2F |
| 7-18 | 3,20G | |
| 44 7-2 | 3,27G | |
| 7-27 | | 58,5G |
| II. | 19h31m | 86°55' |
| 56 7-5 | | 59",9G |
| 8-31 | | 61,0G |
| 58 7-1 | 48s,17G | 59,5G |
| 7-19 | 48,44G | |
| 9-5 | 48,36G | |
| 9-13 | 48,33G | 59,0G |
| 9-15 | 48,31G | |

**26603 P. — 37313 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | 19h32m | 46°36' |
| 63 7-10 | 5s,13G | |
| 7-11 | 5,32G | |
| 7-24 | 5,25G | |
| 7-31 | 5,17G | |
| 8-1 | 5,17G | |
| 8-4 | 5,24G | |
| 8-9 | 5,14G | |
| 9-11 | 5,24G | |
| 9-12 | 5,22G | |
| 64 8-2 | 4,97G | |
| 8-27 | 5,03G | |
| 8-28 | 5,22G | |
| 8-29 | 5,21G | |
| 9-4 | 5,10G | |
| 9-5 | 5,09G | |
| 9-9 | 5,02G | |
| 65 9-1 | 5,13G | |
| 9-6 | 5,23G | |
| 9-7 | 5,06G | |
| 9-8 | 5,20G | |
| 9-13 | 5,26G | |
| III. | 19h32m | 46°34' |
| 72 7-1 | 33s,71G | |
| 7-4 | 33,66G | |
| 7-19 | 33,73G | |
| 9-10 | 33,89G | |
| 80 8-10 | 33,47G | 20",7G |

**26604 P. — 37340 L.**

| A. M. J. | AR | D |
|---|---|---|
| I. | 19h31m | 40°6' |
| 37 6-21 | 46s,46G | |
| 6-26 | 46,68G | |
| 7-4 | 46,60G | |
| 40 10-10 | 46,57G | |
| 50 10-11 | 46,80G | |

**26605 P.**

**61 σ Dragon.**

Étoile fondamentale.

**26606 P. — 37197 et 225 L.**

| A. M. J. | AR | D |
|---|---|---|
| I. | 19h30m | 113°46' |
| 39 7-28 | 47s,70G | 43",7F |
| 8-16 | 47,77G | |
| 8-19 | 47,89G | |
| 9-4 | 47,88G | |
| 46 7-12 | 47,78G | 41,8G |
| 47 9-16 | 47,67G | |
| 9-18 | 47,78G | |
| 9-23 | 47,75G | |
| 50 7-24 | | 43,3G |
| II. | 19h31m | 113°44' |
| 55 7-27 | 42s,16G | — |
| 9-7 | 41,96G | |
| 57 8-12 | 42,08G | |
| 59 8-31 | 42,04G | |
| 60 9-12 | 42,11G | 45",2G |
| 10-27 | | 44,2G |

**26606 P. (suite).**

| A. M. J. | AR | D |
|---|---|---|
| III. | 19h32m | 113°42' |
| 75 7-26 | 36s,24G | |
| 7-29 | 36,23G | 45",0G |

**26607 P. — 37257 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | 19h31m | 93°29' |
| 57 8-2 | 52s,87G | 16",5G |
| 61 7-15 | 52,85G | 17,5G |
| III. | 19h32m | 93°27' |
| 76 7-21 | 39s,97G | |
| 7-22 | 39,91G | 19",1G |
| 8-8 | 39,96G | 19,3G |

**26608 P. — 800 W$_1$.**

| A. M. J. | AR | D |
|---|---|---|
| I. | 19h31m | 86°32' |
| 45 7-23 | 11s,62G | |
| 7-24 | 11,41G | |

**26609 P. — 37334 L.**

| A. M. J. | AR | D |
|---|---|---|
| I. | 19h31m | 45°38' |
| 41 6-30 | | 44",2F |
| III. | 19h32m | 45°34' |
| 80 8-26 | 45s,62G | |
| 9-10 | 45,55G | 51",8G |
| 81 8-8 | 45,67G | 50,7G |

**26610 P. — 37243 à 45 L.**

| A. M. J. | AR | D |
|---|---|---|
| I. | 19h31m | 105°30' |
| 53 6-21 | | 56",1F |
| II. | 19h31m | 105°28' |
| 55 6-30 | 55s,05G | |
| 57 9-9 | | 59",8G |
| 59 8-7[1] | 54,98G | 58,4G |
| III. | 19h32m | 105°27' |
| 78 9-2 | 46s,14M | 2",6M |

[1] AR augm. de 0s,35 : erreur de moy.

**26611 P. — 37291 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | 19h32m | 64°17' |
| 58 8-6 | 10s,21G | |
| 60 7-24 | | 50",5G |
| 61 9-1 | 10,04G | 52,5G |
| III. | 19h32m | 64°15' |
| 79 8-16 | 47s,25G | 50",8G |

**26612 P. — 37282 L.**

| Dates 1800+ A. | M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h31m | 110°51′ |
| 62 | 7-19 | | 52″,8 G |
| | 9-14 | 54s,92 G | |
| | | III. | |
| | | 19h32m | 110°49′ |
| 79 | 7-30 | 48s,00 J | 54″,8 J |

**26613 P. — 37247, 49 et 50 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h31m | 105°9′ |
| 54 | 9-16 | 57s,69 G | |
| 58 | 7-11 | 57,96 G | 57″,8 G |
| | | III. | |
| | | 19h32m | 105°8′ |
| 70 | 8-20 | 48s,86 M | 0″,4 M |

**26614 P. — 37310 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h31m | 69°33′ |
| 40 | 8-31 | 32s,83 G | |
| | | II. | |
| | | 19h32m | 69°31′ |
| 57 | 8-13 | | 46″,1 G |
| 60 | 7-13 | 12s,00 G | 49,3 G |
| | 7-21 | 12,16 G | 47,8 G |
| | 9- 9 | 12,10 G | |
| 61 | 7-29 | 12,09 G | |
| | | III. | |
| | | 19h32m | 69°29′ |
| 70 | 7-18 | 51s,41 G | 49″,5 G |

**26615 P. — 37289 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h32m | 68°25′ |
| 58 | 9-10 | 13s,05 G | 43″,8 G |
| 59 | 9-16 | 13,16 G | 46,3 G |
| 60 | 9- 5 | 13,27 G | |

**26616 P. — 37234 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h31m | 113°38′ |
| 59 | 8-31 | 57s,60 G | |
| 61 | 8-21 | 57,64 G | 55″,5 G |
| | | III. | |
| | | 19h32m | 113°36′ |
| 79 | 8-20 | 51s,51 J | 57″,2 J |

**26617 P. — 3620 A + 26°.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h32m | 63°13′ |
| 61 | 7-18 | 15s,35 G | |

**26618 P. — 37239 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h31m | 111°37′ |
| 58 | 8- 4 | 59s,01 G | 10″,7 G |
| | 10- 6 | | 11,6 G |
| | | III. | |
| | | 19h32m | 111°35′ |
| 79 | 8-16 | 52s,38 J | 12″,0 J |

**26619 P. — 37322 et 25 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h32m | 51°43′ |
| 67 | 8- 5 | 23s,32 G | |
| | | III. | |
| | | 19h32m | 51°41′ |
| 79 | 7-29 | 54s,85 G | 10″,9 G |
| | 9- 8 | 54,63 G | |
| | 9- 8 | 54,72 J | 11,4 J |

**26620 P. — 37264-65 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h32m | 97°1′ |
| 56 | 8- 2 | 9s,22 G | |
| | 8-24 | 9,14 G | 24″,4 G |
| 57 | 6-13 | 9,23 G | |
| 58 | 10- 5 | | 26,3 G |
| | | III. | |
| | | 19h32m | 96°59′ |
| 74 | 7-21 | 57s,37 G | 29″,5 G |
| | 8-21 | 57,37 G | 28,8 G |
| | 8-22 | 57,46 G | 28,5 G |

**26621 P. — 37279 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h31m | 84°57′ |
| 37 | 6-25 | 32s,70 G | 2″,6 F |
| | 7- 3 | 32,58 G | |
| | 7- 5 | 32,54 G | |
| | 7- 6 | 32,61 G | |
| | 7- 7 | 32,66 G | |
| | 7- 9 | 32,45 G | |
| | 7-10 | 32,65 G | |
| | 7-12 | 32,74 G | |
| | 8- 6 | 32,59 G | |
| | 8- 7 | 32,45 G | 2,8 F |
| | 8- 8 | | 4,8 F |
| | 8-11 | | 4,5 F |
| | 8-16 | 32,52 G | |
| | 8-17 | 32,51 G | |
| 38 | 8-30 | 32,69 G | 3,7 F |
| | 8-31 | 32,56 G | |
| | 9- 1 | 32,50 G | |
| | 9- 3 | 32,60 G | |
| | 10- 9 | 32,61 G | |
| 39 | 9-10 | 32,53 G | |
| | 9-15 | 32,58 G | |
| | 10- 9 | 32,59 G | |
| 41 | 7-26 | | 3,1 F |
| | 7-29 | 32,63 G | 4,2 F |
| | 8-24 | 32,66 G | |
| | 9-21 | 32,69 G | |
| 46 | 8-21 | 32,57 G | |
| | 8-22 | 32,64 G | |
| | 8-24 | 32,50 G | |

**26621 P. (suite).**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h32m | 84°55′ |
| 54 | 8-20 | 17s,05 G | |
| 56 | 5-23 | | 5″,4 G |
| | 7- 3 | 17,02 G | |
| | 8-26 | 16,92 G | 5,5 G |
| 57 | 8-18 | 16,97 G | 6,9 G |
| | 8-20 | 16,95 G | 8,2 G |
| 62 | 9-11 | 16,84 G | 6,3 G |
| 63 | 8-11 | 16,74 M | 5,9 M |

**26622 P. — 37263 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h32m | 104°21′ |
| 54 | 9-11 | 11s,38 G | 40″,7 G |
| | | III. | |
| | | 19h33m | 104°19′ |
| 70 | 8-19 | 2s,27 M | 39″,1 M |

**26623 P. — 37323-24 et 26 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h32m | 55°17′ |
| 67 | 8-19 | 29s,84 G | 28″,1 G |
| | | III. | |
| | | 19h33m | 55°15′ |
| 69 | 9- 8 | 3s,06 M | 30″,7 M |

**26624 P. — 37355 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h32m | 41°48′ |
| 45 | 8- 9 | 14s,38 G | |

**26625 P. — 37358-59 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h32m | 40°8′ |
| 37 | 6-19[1] | 17s,17 G | 6″,9 F |
| | 6-21 | 16,91 G | |
| | 6-22[1] | 16,95 G | 5,6 F |
| | 6-23 | 17,21 G | |
| | 6-26[1] | 17,01 G | 4,4 F |
| | 7- 4 | 17,03 G | |
| | 8-25[1] | | 7,0 F |
| | 9- 6 | 16,89 G | |
| | 9-20 | 17,08 G | |
| 38 | 8-13 | 17,03 G | |
| | 8-15 | 16,97 G | |
| | 8-16[2] | 16,90 G | |
| | 9-11[1] | 16,92 G | 6,1 F |
| | 10-30[1] | 17,01 G | 6,8 F |
| 40 | 10- 6 | 17,06 G | |
| 50 | 10-11 | 17,04 G | |
| | | II. | |
| | | 19h32m | 40°6′ |
| 64 | 7-19 | | 4″,4 G |
| | 7-26 | | 4,3 G |
| | 7-28 | | 4,9 G |
| | 8- 1 | | 4,0 G |
| | 8-26 | | 5,0 G |

**26625 P. (suite).**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h32m | 40°6′ |
| 66 | 8-11 | 40s,95 G | |
| | 8-13[3] | 41,28 G | |
| 67 | 8- 2 | 40,85 G | 1,3 G |
| | 10- 8 | 41,12 G | 4,0 G |

[1] Observations de distance polaire faites près du zénith sans indication de la position de l'observateur. On n'a pas tenu compte de la valeur de l'équation personnelle dans le calcul de la distance polaire.

[2] 𝒜 diminuée de 1s : erreur de moyenne.

[3] 𝒜 augmentée de 1s : err. de réduct.

**26626 P. — 37295 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h32m | 107°11′ |
| 60 | 8-16 | | 46″,6 F |
| 62 | 8- 6 | 14s,58 G | 43,5 G |
| | | III. | |
| | | 19h33m | 107°9′ |
| 79 | 7-27 | 6s,48 J | 45″,1 J |
| | 8-11 | 6,50 J | 47,3 J |

**26627 P. — 3269 Cincinnati.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h31m | 111°36′ |
| 50 | 7-10 | | 10″,3 G |
| | 7-12 | | 9,8 G |

**26628 P. — 821 $W_1$.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h31m | 96°30′ |
| 48 | 7-14 | 37s,97 G | |

**26629 P. — 37335 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h32m | 56°25′ |
| 67 | 9- 6 | 44s,20 G | 24″,6 G |
| | | III. | |
| | | 19h33m | 56°23′ |
| 68 | 8- 7 | 17s,97 G | |
| 75 | 8- 7 | 17,97 M | 25″,8 M |
| | 9-17 | 18,06 M | 25,7 M |
| 76 | 7-17 | 17,84 M | 24,5 M |
| | 8-17 | 17,77 M | 26,0 M |
| 81 | 7-29 | 18,03 J | 24,8 J |
| | 8- 2 | 18,09 J | 25,5 J |

**26630 P. — 37311 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h33m | 67°14′ |
| 80 | 8-31 | 18s,32 J | 25″,5 J |
| | 9- 2 | 18,47 J | 25,9 J |

Dates 1800 + / Positions moyennes pour les époques du Catal.

### 26631 P. — 213 Piazzi.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h 33m | 98° 15' |
| 68 | 8-13 | 18s,73 M | 29",2 M |
| 80 | 7-22 | 18,79 M | 29,6 M |
| | 7-28 | 18,83 G | 30,1 G |
| | 8- 4 | 18,93 M | 30,0 M |
| 81 | 7-12 | 18,92 M | 29,7 M |
| | 9-15 | 19,02 M | 31,5 M |

### 26632 P. — 37317-18 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 32m | 64° 20' |
| 61 | 9- 1 | | 15",3 G |
| | 10-23 | 42s,36 G | |
| | | III. | |
| | | 19h 33m | 64° 18' |
| 71 | 8-26 | 19s,92 M | 16",4 M |
| | 8-26 | 19,55 G | 15,1 G |

### 26633 P. — 37312 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 32m | 68° 24' |
| 59 | 7-15[1] | 44s,21 G | |
| 60 | 9- 5 | 44,22 G | 31",4 G |
| | | III. | |
| | | 19h 33m | 68° 22' |
| 73 | 8- 4 | 22s,89 G | |
| 75 | 8- 9 | 23,16 M | 31",7 M |
| | 8-20 | 22,95 M | 33,8 M |
| 76 | 7-22 | 22,86 M | 31,9 M |

[1] Indiquée à tort au tome XV comme 37317 L. (dist. des fils).

### 26634 P. — 37341 à 43 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 32m | 55° 3' |
| 66 | 7- 7 | 51s,46 G | |
| | 7-25 | 51,51 G | 18",0 G |
| 67 | 8-13 | 51,45 G | 17,4 G |
| | 8-23 | | 17,1 G |
| | | III. | |
| | | 19h 33m | 55° 1' |
| 68 | 8- 4 | 24s,57 G | |
| 74 | 8-21 | 24,59 M | 18",5 M |

### 26635 P. — 37320 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h 33m | 67° 10' |
| 81 | 7-16 | 26s,83 J | 9",6 J |
| | 7-17 | 26,60 J | 7,6 J |

### 26636 P. — 19854 A.O.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 32m | 111° 9' |
| 57 | 9-12 | 33s,73 G | |

### 26637 P. — 2896 Gr.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h 32m | 40° 8' |
| 46 | 7-25 | 39s,37 G | |

### 26638 P. — 37361 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h 33m | 46° 54' |
| 80 | 8-13 | 29s,10 G | 43",7 G |
| | 8-23 | 29,03 J | 43,0 J |

### 26639 P. — 4007 A + 10°.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 32m | 79° 39' |
| 59 | 7-10[1] | 49s,61 G | |
| | 7-17 | 49,75 G | |

[1] 𝒜 augmentée de 0s,20 : erreur de moy.

### 26640 P. — 37277 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h 31m | 106° 38' |
| 38 | 10- 3 | 50s,25 G | |
| | 10- 4 | 50,32 G | |
| 39 | 9-18 | 50,16 G | 34",1 F |
| 40 | 8-27 | 50,41 G | |
| | 8-29 | 50,27 G | 34,5 F |
| | 8-30 | 50,43 G | |
| 41 | 7-31 | 50,39 G | |
| | 8- 6 | 50,36 G | |
| | 8-13 | 50,35 G | 34,0 F |
| | 8-14 | 50,36 G | 34,1 F |
| | 8-18 | 50,38 G | |
| 43 | 7- 8 | 50,20 G | |
| | 7-16 | 50,31 G | |
| 45 | 9-11 | 50,21 G | |
| 46 | 8-25 | 50,32 G | |
| | 8-26 | 50,28 G | |
| | 9-29 | 50,38 G | 35,6 G |
| 47 | 6- 1 | 50,37 G | |
| 48 | 10- 5 | 50,29 G | |
| 50 | 9-15 | 50,43 G | |
| 52 | 10-19 | | 35,6 G |
| | | II. | |
| | | 19h 32m | 106° 36' |
| 54 | 8-23 | | 38",7 G |
| | 8-25 | 42s,04 G | |
| | 9- 1 | | 37,5 G |
| | | III. | |
| | | 19h 33m | 106° 34' |
| 70 | 7-14[1] | 33s,68 M | 40",1 M |

[1] 𝒜 augmentée de 1m.

### 26641 P. — 216 Piazzi.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h 32m | 82° 30' |
| 40 | 8-15 | 8s,27 G | |
| | 8-16 | 8,39 G | |

### 26642 P. — 19857 A. O.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h 31m | 106° 38' |
| 40 | 8-28 | 52s,44 G | |
| | 8-29 | | 0",8 F |

### 26643 P. — 37294 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19m 32m | 90° 38' |
| 55 | 8-23 | 51s,19 G | 5",2 G |
| 57 | 8-11 | | 3,5 G |
| 58 | 10-12 | 51,48 G | |
| 60 | 8-12 | 51,34 G | |
| | | III. | |
| | | 19h 33m | 90° 36' |
| 69 | 7-29 | 37s,91 M | 5",6 M |
| 76 | 8- 5 | 37,83 G | 5,7 G |
| | 8-10 | 37,91 G | 5,5 G |
| | 8-11 | 37,76 G | 6,3 G |

### 26644 P. — 37292 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h 32m | 95° 47' |
| 47 | 9-30 | 6s,33 G | |
| | | II. | |
| | | 19h 32m | 95° 45' |
| 55 | 9- 8 | | 58",6 G |
| 57 | 7-31 | 54s,28 G | 58,9 G |
| | 9-13 | 54,24 G | |
| | | III. | |
| | | 19h 33m | 95° 43' |
| 69 | 8- 4 | 41s,96 M | 59",3 M |
| 74 | 7-20 | 42,01 G | 58,7 G |
| | 8-25 | 42,10 G | 59,2 G |
| | 8-26 | 42,10 G | 60,1 G |

### 26645 P. — 5653 Sf. — 20°.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 32m | 110° 43' |
| 62 | 7-19 | 50s,51 G | |

### 26646 P. — 37296 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 32m | 92° 58' |
| 56 | 8- 3 | | 40",5 G |
| 57 | 7-11 | 56s,92 G | |
| | | III. | |
| | | 19h 33m | 92° 56' |
| 76 | 8-25 | 43s,68 G | 41",7 G |
| 77 | 7-26 | 43,72 G | |
| | 7-30 | 43,83 G | |
| | 8-17 | 43,75 M | 41,0 M |
| 78 | 7-19 | 43,81 G | 40,0 G |

### 26647 P. — 37354 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h 33m | 56° 22' |
| 80 | 9- 9 | 44s,39 J | 36",8 J |
| 81 | 7-21 | 44,22 J | 34,0 J |
| | 8- 5 | 44,19 J | 36,5 J |
| | 8-10 | | 34,7 J |
| | 8-18 | 44,38 J | 36,5 J |

### 26648 P. — 1035 W$_2$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 33m | 73° 44' |
| 58 | 8-24 | 4s,05 G | |

### 26649 P. — 37330-31 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 33m | 73° 44' |
| 56 | 8-30 | 5s,21 G | 46",6 G |
| | 9- 3 | | 48,1 G |
| 58 | 7-21 | | 46,6 G |
| | 8- 9 | | 47,3 G |
| | 8-24 | 5,25 G | 47,1 G |
| | 8-31 | 5,17 G | 47,3 G |
| | | III. | |
| | | 19h 33m | 73° 42' |
| 71 | 8-19 | 45s,98 G | |
| | 8-27 | 45,92 G | 48",4 G |
| | 9- 5 | 45,98 G | 47,7 G |
| | 9-14 | 46,15 G | |

### 26650 P. — 19860 A.O.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 32m | 110° 40' |
| 55 | 7-19 | 57s,97 G | |

### 26651 P. — 37356 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h 33m | 57° 52' |
| 68 | 7-30 | 51s,72 G | 40",2 G |
| | 8-13 | | 40,0 G |
| 69 | 10-11 | 51,56 M | 40,9 M |

### 26652 P. — 37321 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 33m | 82° 45' |
| 57 | 5-27 | | 5",6 G |
| | 7-21 | 10s,99 G | 5,9 G |
| | 8-21 | 11,14 G | |
| 58 | 6- 7 | 10,98 G | |
| | 7- 3 | 11,05 G | 7,4 G |
| | 7-13 | 11,03 G | 7,2 G |
| 60 | 9-15 | 11,10 G | |
| | | III. | |
| | | 19h 33m | 82° 43' |
| 71 | 8- 1 | 54s,97 M | 7",1 M |

Dates 1800 + — Positions moyennes pour les époques du Catal.

### 26653 P. — 37377-78 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 19h33m | 47°4' |
| 80 | 8-31 | 55s,14 G | 51",6 G |
| 81 | 7-28 | 54,99 G | 50,6 G |

### 26654 P. — 7742 Rümker.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h33m | 72°15' |
| 58 | 9-27 | 17s,85 G | |

### 26655 P. — 37301 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 19h32m | 99°29' |
| 41 | 9-10 | 20s,99 G | |
| | 9-11 | 21,10 G | 7",3 G |
| | 9-19 | 21,13 G | |
| | II. | 19h33m | 99°27' |
| 58 | 7-30 | 10s,38 G | 5",3 G |
| | III. | 19h33m | 99°25' |
| 74 | 8-31 | 59s,47 G | 6",7 G |

### 26656 P. — 37304 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 19h32m | 97°51' |
| 41 | 8-27 | 22s,44 G | |
| 43 | 8-14 | 22,46 G | |
| | II. | 19h33m | 97°49' |
| 56 | 7-28 | 11s,23 G | 46",8 G |
| | III. | 19h33m | 97°47' |
| 72 | 7-16 | 59s,72 M | 47",9 M |

### 26657 P. — 37284 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h33m | 115°9' |
| 55 | 8-5 | 5s,68 G | |
| | III. | 19h34m | 115°7' |
| 79 | 9-2 | 0s,48 M | 31",5 M |
| 80 | 8-8 | 0,32 M | 29,5 M |
| | 8-10 | | 28,6 M |

### 26658 P. — 37314 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h33m | 90°33' |
| 57 | 7-12 | 15s,83 G | |
| | 7-13 | 15,78 G | 15",0 G |
| 60 | 8-10 | 15,77 G | 15,6 G |
| 64 | 7-19 | 16,01 M | 15,8 M |
| | III. | 19h34m | 90°31' |
| 69 | 7-31 | 2s,34 M | 16",2 M |
| | 8-20 | 2,13 M | 17,8 M |

### 26659 P. — 37372 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 19h34m | 52°32' |
| 80 | 8-30 | 2s,13 J | 23",2 J |
| | 9-1 | 2,39 J | 24,3 J |

### 26660 P. — 37329 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h33m | 85°58' |
| 57 | 7-27 | 18s,95 G | 48",7 G |
| | 8-3 | 18,99 G | |
| | 8-22 | 18,99 G | 50,1 G |
| 58 | 9-28 | 18,93 G | |

### 26661 P. — 37350 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 19h32m | 68°5' |
| 41 | 8-20 | 46s,89 G | |
| | 8-21 | 46,67 G | |
| | 8-22 | 46,63 G | |
| | 8-24 | 46,69 G | |
| | III. | 19h34m | 68°1' |
| 70 | 8-6 | 4s,11 G | 44",1 G |
| 75 | 7-24 | 4,07 G | 43,7 G |
| | 7-27 | 4,00 G | 42,8 G |
| 76 | 7-12 | | 43,0 G |

### 26662 P. — 37408 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 19h34m | 37°58' |
| 81 | 8-20 | 4s,41 G | 59",0 G |
| | 9-15 | 4,80 G | 59,2 G |

### 26663 P. — 37371 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 19h34m | 57°43' |
| 74 | 8-26 | 10s,45 M | 21",3 M |
| 79 | 8-11 | 10,53 G | 20,4 G |

### 26664 P. — 37352 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h33m | 69°32' |
| 57 | 8-13 | 31s,40 G | |
| 60 | 7-13 | 31,30 G | 7",8 G |
| 61 | 7-29 | 31,39 G | |
| | III. | 19h34m | 69°30' |
| 79 | 8-20 | 10s,68 G | 8",0 G |
| | 9-2 | 10,66 J | 9,7 J |
| | 9-3 | 10,63 J | 9,1 J |
| | 9-4 | 10,52 J | 10,0 J |

### 26665 P. — 4012 A + 10°.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h33m | 79°39' |
| 59 | 9-23 | 29s,08 G | |
| | 9-24 | 29,03 G | |

### 26666 P. — 7177 Berlin B.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h33m | 69°54' |
| 59 | 7-16 | 36s,81 G | |

### 26667 P. — 37315 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h33m | 99°44' |
| 57 | 8-28 | | 31",9 G |
| 62 | 7-3 | 27s,70 G | 32,0 G |
| 64 | 8-16 | 27,73 M | 32,2 M |
| | III. | 19h34m | 99°42' |
| 69 | 8-23 | 16s,98 M | 32",0 M |

### 26668 P. — 37333 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 19h32m | 90°58' |
| 39 | 6-26 | 44s,18 G | |
| | 7-1 | 44,13 G | |
| | 7-3 | 44,21 G | |
| | 7-10 | 44,17 G | |
| | 7-16 | 44,17 G | |
| | 7-31 | 44,23 G | |
| | 8-1 | 44,28 G | |
| | 8-4 | 44,35 G | |
| | 8-5 | 44,11 G | |
| 41 | 9-8 | 44,18 G | |
| 46 | 7-17 | 44,08 G | |
| | 9-11 | 44,20 G | |
| | 9-12 | 44,19 G | |
| | 9-13 | 44,12 G | 32",3 G |
| | 9-14 | 44,20 G | |
| | 9-15 | 44,13 G | |
| | 9-16 | 44,18 G | 32,0 G |
| | 9-17 | 44,14 G | |
| | 9-18 | 44,16 G | |
| | 9-19 | 44,12 G | |
| | 9-22 | 44,16 G | |
| | 9-23 | 44,16 G | |
| 47 | 8-13 | 43,94 G | |
| | 8-19 | 44,14 G | |
| | 8-27 | 44,23 G | 31,3 F |
| | 8-28 | 44,15 G | |
| | 10-28 | | 32,1 F |
| 48 | 7-17 | 43,96 G | |
| 49 | 8-31 | 44,16 G | |
| 51 | 8-25 | 44,25 G | |
| 53 | 6-23 | | 31,9 G |
| | II. | 19h33m | 90°56' |
| 55 | 9-15 | | 30",9 G |
| 57 | 7-15 | 30s,62 G | 31,8 G |
| | 8-16 | 30,47 G | |
| 62 | 9-13 | 30,66 G | 32,7 G |
| 64 | 8-13 | 30,50 M | 32,9 M |
| | III. | 19h34m | 90°54' |
| 68 | 8-5 | 17s,09 M | 32",8 M |
| | 9-2 | 16,99 M | 33,1 M |

### 26669 P. — 37400 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 19h34m | 44°23' |
| 81 | 7-29 | 17s,30 G | 58",2 G |
| | 8-2 | 17,52 G | 59,2 G |

### 26670 P. — 37344 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 19h32m | 84°54' |
| 41 | 7-29 | 55s,31 G | |
| | 10-1 | 55,20 G | |
| | 10-6 | 55,23 G | |
| | II. | 19h33m | 84°52' |
| 57 | 7-19 | 39s,69 G | 10",6 G |
| | 8-20 | 39,67 G | 10,9 G |
| | 10-2 | 39,65 G | 11,7 G |
| 59 | 7-2 | 39,65 G | 12,2 G |

### 26671 P. — 37376 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h33m | 60°10' |
| 58 | 8-7 | 50s,86 G | 1",1 G |
| | 8-28 | 50,87 G | 1,3 G |
| | 8-30 | 50,79 G | 0,8 G |
| | 9-25 | 51,01 G | 0,5 G |
| | 10-2 | | 1,8 G |
| | 11-11 | 50,78 G | 1,2 G |

### 26672 P. — 37417 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 19h33m | 41°4' |
| 40 | 9-21[1] | 38s,29 G | |
| | 9-29 | 38,52 G | |
| | 9-30 | 38,33 G | |
| 45 | 8-12 | 38,42 G | |
| | 8-16 | 38,44 G | |
| | 8-17 | 38,15 G | |
| | 8-20 | 38,30 G | |

[1] 𝒜 diminuée de 1m.

### 26673 P. — 37338 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 19h33m | 93°12' |
| 58 | 10-8 | | 9",7 G |
| 59 | 7-12 | 41s,37 G | |
| | III. | 19h34m | 93°10' |
| 76 | 7-19 | 28s,26 G | 10",7 G |
| | 7-20 | 28,22 G | 10,1 G |
| | 7-29 | 28,19 G | 8,7 G |

### 26674 P. — 7606 Berlin A.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 19h34m | 73°57' |
| 71 | 7-28[1] | 28s,24 M | 18",4 M |

[1] L'observation d'𝒜 supprimée au vol. des observations de 1871 doit être rétablie ainsi :
Passage observé = 19h34m35s,36,
T = 35s,83,
Asc. app. conclue = 19h34m19s,41,
Réd. à janv. 0 = − 2s,05.

Dates 1800 + — Positions moyennes pour les époques du Catal.

### 26675 P. — 37327 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 19h33m | 102°14' |
| 54 9- 1 | 39s,22 G | |
| 61 8- 5 | 39,18 G | |
| III. | 19h34m | 102°12' |
| 70 7-15 | 29s,13 M | 55",0 M |
| 75 8-17 | 29,25 M | 55,1 M |
| 9- 7 | 29,20 M | 57,0 M |
| 76 7-20 | 29,30 M | 55,8 M |
| 7-29 | 29,09 M | 54,3 M |
| 8- 4 | 29,18 M | 55,9 M |
| 8-12 | 29,14 M | 55,8 M |

### 26676 P. — 37353 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 19h33m | 80°32' |
| 56 9- 5 | | 35",3 G |
| 61 8-27 | 46s,57 G | 35,4 G |
| III. | 19h34m | 80°30' |
| 74 7-30 | 29s,35 M | 35",3 M |
| 75 8-23 | 29,37 G | 35,9 G |

### 26677 P. — 37386 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 19h33m | 55°22' |
| 67 8-12 | 56s,86 G | 5",9 G |
| III. | 19h34m | 55°20' |
| 79 9- 1 | 30s,12 G | |
| 9- 2 | 30,19 G | 4",9 G |
| 9- 3 | 30,17 G | 7,9 G |

### 26678 P. — 37364-65 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 19h33m | 72°20' |
| 37 6-25 | 10s,13 G | 18",2 F |
| 7- 3 | 10,05 G | |
| 7- 5 | 10,03 G | |
| 7- 6 | 10,04 G | |
| 7- 9 | 10,02 G | |
| 7-10 | 10,02 G | |
| 7-31 | 10,08 G | |
| 8-17 | 10,14 G | |
| 38 8- 5 | 10,11 G | |
| 41 8-19 | 9,94 G | |
| 42 7-15 | 10,36 G | |
| 7-22 | 9,92 G | |
| 43 8-11 | 10,04 G | |
| 46 7-12 | | 18,4 F |
| 7-17[1] | | 18,3 F |
| 7-20 | | 16,8 F |
| 7-22 | | 18,3 F |
| 8-10 | 10,13 G | |
| 8-11 | 10,08 G | 18,2 G |
| 8-12 | 10,03 G | 18,4 G |
| 8-21 | | 16,3 F |
| 8-25 | | 17,4 F |
| 10-23 | 10,22 G | |
| 11-14 | 10,16 G | |
| 47 10-27 | 10,10 G | |

### 26678 P. (suite).

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 19h33m | 72°20' |
| 47 10-28 | 10s,07 G | |
| 10-29 | 10,06 G | |
| 11- 1 | | 18",4 G |
| 11- 1 | | 17,9 F |
| 12-14 | | 20,4 G |
| 48 11-14 | | 18,2 G |
| 11-16 | 10,09 G | |
| 51 8-21 | 10,10 G | |
| 9- 6 | 10,01 G | |
| 52 10- 9 | 10,11 G | |
| 10-10 | 10,22 G | |
| 10-14 | 10,10 G | |
| 10-15 | 10,20 G | |
| 10-16 | 10,13 G | |
| 10-17 | 10,15 G | |
| 10-18 | 10,10 G | |
| 10-19 | 10,08 G | |
| 10-20 | 10,13 G | |
| 10-21 | 10,18 G | |
| 10-22 | 10,13 G | |
| 11- 3 | 10,11 G | |
| 11- 6 | 10,12 G | |
| 11- 8 | 10,11 G | |
| 11- 9 | 10,18 G | |
| 53 4- 1 | 10,19 G | |
| 4-13 | 10,09 G | |
| 4-14 | 10,17 G | |
| 4-23 | 10,11 G | |
| 4-26 | 10,22 G | |
| 4-29 | 10,04 G | |
| 5- 1 | 10,14 G | |
| 5- 5 | 10,01 G | |
| 8- 9 | | 18,4 G |
| 9-17 | 10,26 G | |
| 9-19 | 10,21 G | |
| II. | 19h33m | 72°18' |
| 56 7- 4 | 50s,22 G | |
| 7-24 | 50,42 G | 18",8 G |
| 58 8-23 | | 20,0 G |
| 9- 6 | 50,24 G | 19,8 G |
| 9-12 | 50,53 G | |
| 9-27 | 50,40 G | |

[1] 𝒫 diminuée de 10' : erreur de réduct.

### 26679 P. — 37345 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 19h33m | 88°34' |
| 59 8-25 | 45s,07 G | |
| III. | 19h34m | 88°31' |
| 73 7-25 | 30s,68 M | 60",5 M |
| 7-28 | 30,87 M | 59,7 M |

### 26680 P. — 37346 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 19h33m | 88°38' |
| 57 7-28 | 45s,29 G | |
| 58 8-15 | | 54",2 G |
| 59 9- 2 | | 53,5 G |
| 62 9-16 | 45,31 G | 54,1 G |
| III. | 19h34m | 88°36' |
| 69 6-25 | 31s,08 M | 53",6 M |

### 26681 P. — 851 W1.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 19h34m | 94°12' |
| 69 8- 6 | 32s,53 M | 23",8 M |
| 80 8-20 | 32,63 M | 25,5 M |
| 8-23 | 32,68 M | 24,1 M |

### 26682 P. — 37384 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 19h33m | 59°56' |
| 40 8-17 | 23s,71 G | |
| 8-20 | 23,72 G | |
| II. | 19h33m | 59°54' |
| 58 7-15 | | 38",2 G |
| 59 8-22 | 58s,94 G | |
| III. | 19h34m | 59°52' |
| 79 8-12 | 34s,38 G | 39",0 G |

### 26683 P. — 7761 Rümker.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 19h33m | 79°52' |
| 43 9-26 | 9s,35 G | |

### 26684 P. — 21336 Mn1.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 19h33m | 89°39' |
| 40 8- 4 | 3s,47 G | |
| 8- 5 | 3,43 G | 3",4 F |

### 26685 P. — 37369 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 19h33m | 72°25' |
| 58 7- 7 | | 16",1 G |
| 7-16 | 55s,21 G | 14,6 F |
| 8-23 | 55,05 G | |
| 9-12 | | 16,2 G |
| III. | 19h34m | 72°23' |
| 71 9- 6 | 35s,57 G | 14",6 G |

### 26686 P. — 21338 Mn1.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 19h33m | 92°37' |
| 58 9- 8 | 49s,38 G | |
| III. | 19h34m | 92°35' |
| 68 8-10 | 36s,28 M | 51",5 M |

### 26687 P. — 37374-75 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 19h33m | 65°46' |
| 59 6-14 | 58s,44 G | |
| 60 7-24 | 58,32 G | 53",7 G |
| III. | 19h34m | 65°44' |
| 70 7-29 | 36s,31 G | 54",4 G |
| 71 8-29 | 36,28 M | 54,5 M |
| 73 7-25 | 36,24 G | |
| 81 7-26 | 36,55 J | 55,2 J |

### 26688 P. — 37349 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 19h33m | 92°38' |
| 55 9-27 | | 10",1 G |
| 58 9- 8 | 54s,46 G | 7,4 G |
| III. | 19h34m | 92°36' |
| 68 8-10 | 41s,21 M | 6",7 M |
| 76 8- 7 | 41,19 G | 6,3 G |
| 8-17 | 41,16 G | 7,0 G |
| 9- 5 | | 7,9 G |

### 26689 P. — 37370 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 19h34m | 73°59' |
| 56 9-19 | 1s,59 G | |
| 57 7-26 | | 14",4 G |
| III. | 19h34m | 73°57' |
| 71 8- 1 | 42s,52 G | |
| 8- 9 | 42,52 G | |
| 8-12 | 42,68 G | |
| 8-28 | 42,53 G | 14",2 G |
| 9- 2 | 42,50 G | 14,0 G |
| 9-12 | 42,56 G | |

### 26690 P. — 37316 et 19 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 19h32m | 115°12' |
| 39 8-19 | 58s,04 G | |
| 8-24 | 57,92 G | |
| 9- 4 | 58,12 G | |
| 9- 6 | | 53",3 F |
| II. | 19h33m | 115°10' |
| 55 7-12[1] | 52s,71 G | |
| 58 8-19 | 52,64 G | 55",1 G |
| 10- 6 | | 57,2 G |

[1] 𝒜 diminuée de 0s,45 : erreur de 1s sur 5 fils.

### 26691 P. — 859 W1.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 19h34m | 98°55' |
| 68 8-12 | 49s,62 M | 5",2 M |
| 8-13 | 49,55 M | 6,1 M |

Dates 1800+ — Positions moyennes pour les époques du Catal.

### 26692 P. — 1094 W$_2$.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | | |
| | 19h34m | 60°10' |
| 58 8-30 | 17s,63 G | |

### 26693 P. — 37413 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | | |
| | 19h34m | 49°39' |
| 80 8- 6 | 53s,51 G | 30",3 G |
| 8-26 | 53,34 J | 32,5 J |
| 8-30 | 53,56 G | 30,6 G |

### 26694 P. — 37445-46 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | | |
| | 19h34m | 39°2' |
| 80 8- 3 | 56s,25 G | 57",5 G |
| 8-20 | 55,96 G | 57,1 G |

### 26695 P. — 37387 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | | |
| | 19h34m | 69°50' |
| 58 8- 8 | | 39",0 G |
| 59 7-16 | 21s,21 G | 39,5 G |
| 7-25 | | 38,7 G |
| III. | | |
| | 19h35m | 69°48' |
| 79 7-13 | 0s,63 G | 37",0 G |

### 26696 P. — 37351 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | | |
| | 19h34m | 101°54' |
| 54 9- 3 | 10s,71 G | 17",4 G |
| 59 7-11 | 10,69 G | 16,6 G |
| III. | | |
| | 19h35m | 101°52' |
| 70 8-19 | 0s,86 M | 17",0 M |
| 78 8-17 | 0,96 M | 15,9 M |

### 26697 P. — 875 W$_1$.

| A. M. J. | Æ | ℘ |
|---|---|---|
| I. | | |
| | 19h33m | 78°25' |
| 40 8-16 | 36s,23 G | |

### 26698 P. — 37414 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | | |
| | 19h35m | 52°30' |
| 81 8- 1 | 1s,76 J | 10",6 J |
| 8- 6 | 1,72 J | 9,8 J |

### 26699 P. — 37409-10 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | | |
| | 19h34m | 56°20' |
| 67 8-10 | 28s,73 G | 30",6 G |
| 8-27 | 28,89 G | 31,0 G |
| III. | | |
| | 19h35m | 56°18' |
| 69 10- 6 | 2s,68 M | 29",7 M |

### 26700 P. — 37336-37 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | | |
| | 19h34m | 114°42' |
| 55 8-17 | 9s,01 G | |
| 58 7- 2 | | 7",9 G |
| III. | | |
| | 19h35m | 114°40' |
| 79 8- 2 | 3s,76 J | 9",5 J |
| 80 9- 5[1] | 3,72 M | 8,0 M |
| 81 7-28 | 3,67 M | 9,5 M |
| 8- 2 | 3,70 M | 8,3 M |

[1] Æ dim. de 1s,21 et ℘ de 11",9 : erreur de réduction.

### 26701 P. — 9113 Mn$_2$.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | | |
| | 19h34m | 79°41' |
| 59 7-10 | 22s,00 G | |
| 7-17 | 21,91 G | |
| 9-23 | 22,21 G | |

### 26702 P. — 7189 Berlin B.

| A. M. J. | Æ | ℘ |
|---|---|---|
| I. | | |
| | 19h33m | 66°52' |
| 37 6-19[1] | | 29",4 F |
| 38 10-30 | 48s,40 G | 32,6 F |
| 40 7-17 | 48,58 G | 30,4 F |
| 7-21 | 48,54 G | |

[1] ℘ diminuée de 1'30" (3 tours de vis des microscopes).

### 26703 P. — 37402 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | | |
| | 19h34m | 63°19' |
| 59 7-26 | | 32",7 G |
| 60 8- 9 | 29s,44 G | 32,1 G |
| 9-29 | | 32,3 G |

### 26704 P. — 37396-97 L

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | | |
| | 19h35m | 68°42' |
| 74 7-18 | 7s,80 M | 43",2 M |
| 75 7-26 | 7,90 G | |
| 7-29 | 8,02 G | 42,0 G |

### 26705 P. — 37436 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| I. | | |
| | 19h34m | 46°30' |
| 46 7-20 | 14s,26 G | |
| 9-26 | | 50",2 G |
| 47 9-19 | | 51,0 G |
| 49 7-21 | 14,09 G | |
| 7-22 | 13,96 G | |
| 50 7-29 | 14,02 G | |
| 51 8-19 | 14,17 G | |
| III. | | |
| | 19h35m | 46°26' |
| 80 8-23 | 11s,27 G | |
| 9- 2 | 11,25 G | 48",2 G |
| 81 7- 9 | 11,28 G | 47,9 G |
| 9-17 | 11,33 G | 46,9 G |

### 26706 P. — 7527-28 Sj.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | | |
| | 19h34m | 79°38' |
| 59 7- 8 | 28s,74 G | |
| 7-10 | 28,76 G | |
| 7-17 | 28,51 G | |
| 9-23 | 28,89 G | |

### 26707 P. — 37367-68 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | | |
| | 19h34m | 94°36' |
| 59 9- 5 | 24s,17 G | |
| 60 8-26 | | 45",4 G |
| III. | | |
| | 19h35m | 94°34' |
| 76 7-21 | 11s,53 G | 43",0 G |
| 7-22 | 11,59 G | 42,1 G |
| 8- 8 | 11,71 G | 42,8 G |
| 8-31 | 11,49 G | 41,7 G |
| 78 7-28 | 11,67 G | 40,9 G |
| 7-29 | 11,71 G | 42,6 G |
| 9- 2 | 11,58 J | 42,7 J |

### 26708 P. — 37363 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| I. | | |
| | 19h33m | 99°32' |
| 40 7-27 | 35s,07 G | |
| 41 8-27 | 34,98 G | |
| 8-30 | 34,90 G | 50",4 F |
| 9-10 | 34,90 G | |
| 9-11 | 34,80 G | 52,6 F |
| 9-19[1] | 35,01 G | |
| II. | | |
| | 19h34m | 99°30' |
| 55 9- 8 | | 49",2 G |
| 56 8- 2 | 24s,24 G | 51,7 G |
| 8- 3 | 24,27 G | |
| III. | | |
| | 19h35m | 99°28' |
| 69 8-19 | 13s,49 M | 52",6 M |
| 74 8-21 | 13,33 G | 52,0 G |
| 8-22 | 13,40 G | 50,7 G |
| 9- 1 | 13,32 G | 52,2 G |

[1] Æ diminuée de 1m.

### 26709 P. — 876 W$_1$.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | | |
| | 19h34m | 88°36' |
| 57 7-18 | | 43",8 G |

### 26710 P. — 37405 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | | |
| | 19h35m | 63°58' |
| 81 7-11 | 16s,16 J | 20",6 J |
| 7-18 | 16,33 J | 20,5 J |

### 26711 P. — 37379 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| I. | | |
| | 19h33m | 84°54' |
| 41 9-21 | 48s,97 G | |
| 10- 6 | 49,16 G | |
| II. | | |
| | 19h34m | 84°52' |
| 57 8- 7 | 33s,12 G | 34",1 G |
| 59 7-21 | 33,22 G | |
| 8-24 | 33,24 G | |
| 63 8-11 | 33,07 M | 34,1 M |

### 26712 P. — 37394 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | | |
| | 19h34m | 76°30' |
| 56 6-26 | 36s,53 G | 23",8 G |
| 58 10- 1 | 36,65 G | |
| III. | | |
| | 19h35m | 76°28' |
| 71 8-13 | 18s,52 G | 23",8 G |

### 26713 P. — 37390 et 93 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | | |
| | 19h34m | 77°9' |
| 56 7-16 | 36s,60 G | 7",2 G |
| 58 7-12 | | 8,4 G |
| III. | | |
| | 19h35m | 77°7' |
| 71 7-31 | 18s,49 G | |
| 8-10 | 18,58 G | 7",8 G |
| 9-11 | 18,48 G | |
| 9-15 | 18,65 M | |
| 9-15 | 18,67 G | 8,4 G |

### 26714 P. — 37406-07 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| I. | | |
| | 19h34m | 66°38' |
| 41 8-28 | | 15",2 F |
| II. | | |
| | 19h34m | 66°36' |
| 58 9-10 | 43s,63 G | 15",1 G |
| III. | | |
| | 19h35m | 66°34' |
| 70 7-18 | 21s,78 G | 12",6 G |

### 26715 P. — 37360 L.

| Dates 1800 + A. | M. J. | Positions moyennes pour les époques du Catal. $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | I. | |
| | | 19$^h$33$^m$ | 106°28' |
| 37 | 8- 2 | 38$^s$,91 G | 53",3 F |
| 38 | 9- 1 | 38,92 G | |
| | 10- 4 | 38,88 G | |
| 40 | 7-15 | 39,00 G | 54,2 F |
| | 8- 1 | 38,95 G | |
| | 8-29 | | 54,4 F |
| | 8-30 | 38,99 G | |
| 41 | 7-31 | 39,03 G | |
| 43 | 7- 7 | 39,13 G | |
| | 8- 8 | 38,80 G | 54,7 G |
| | 8- 8 | | 54,8 F |
| | 9- 4 | 38,86 G | |
| 44 | 7-27 | 39,00 G | |
| | 9-21 | 38,84 G | |
| 45 | 9-11 | 38,95 G | |
| | 10- 9 | 38,92 G | |
| 46 | 5-14 | 39,12 G | |
| | 7- 9 | 38,80 G | 52,5 F |
| 47 | 5- 4 | | 54,8 G |
| | 6- 1 | 39,05 G | |
| | 6-28 | 38,85 G | |
| | 10-16 | 38,70 G | |
| 48 | 5-21 | 38,78 G | |
| | 5-22 | 39,07 G | |
| | 7-16 | 39,01 G | |
| | 8-12 | | 53,2 G |
| | 8-24 | | 54,5 G |
| | 10- 3 | 38,93 G | |
| | 10- 5 | 38,96 G | 55,5 G |
| | 10- 6 | 38,97 G | 55,4 G |
| 49 | 7- 6 | 38,70 G | |
| | 8- 1 | 38,97 G | 55,5 G |
| | 8- 2 | 38,92 G | 55,2 G |
| 50 | 7-22 | 38,85 G | 54,6 G |
| | 9-15 | 38,65 G | |
| 51 | 5-19 | 39,03 G | |
| | 7-13 | 38,81 G | |
| | 10- 2 [1] | 38,97 G | |
| 52 | 8-25 | 39,02 G | |
| | | II. | |
| | | 19$^h$34$^m$ | 106°26' |
| 54 | 9- 2 | 30$^s$,33 G | |
| | 9-21 | 30,43 G | 54",9 G |
| 56 | 8- 5 | | 54,5 G |
| 61 | 10-10 | 30,55 G | 55,2 G |
| 62 | 8- 7 | 30,49 G | 55,0 G |
| 66 | 6-29 [2] | 30,58 M | 54,2 M |
| | | III. | |
| | | 19$^h$35$^m$ | 106°24' |
| 68 | 8-28 | 22$^s$,01 M | 51",7 M |
| | 8-29 | 21,84 M | 53,6 M |
| | 9-25 | 21,94 M | 53,3 M |
| 70 | 7-18 | 21,92 M | 53,9 M |
| | 8-20 | 21,82 M | 54,8 M |

[1] $\mathcal{A}$ augmentée de 1$^m$.
[2] $\mathcal{P}$ augmentée de 10" : erreur de moy.

### 26716 P. — 37441-42 L.

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | I. | |
| | | 19$^h$34$^m$ | 47°32' |
| 40 | 8-20 | | 13",7 F |
| 41 | 8-27 | | 11,3 F |

### 26716 P. (suite).

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 19$^h$34$^m$ | 47°30' |
| 62 | 7-21 | 53$^s$,05 G | |
| | 7-24 | 53,01 G | |
| | 7-27 | 52,91 G | |
| | 7-30 | 53,12 G | |
| | 7-31 | 53,04 G | |
| 63 | 7- 9 | 53,03 G | |
| | 7-11 | 53,10 G | |
| | 7-17 | 53,03 G | |
| | 7-24 | 53,12 G | |
| | 7-31 | 53,11 G | |
| | 8- 1 | 53,02 G | |
| | 8- 4 | 53,04 G | |
| | 8- 9 | 53,02 G | |
| | 8-10 | 53,02 G | |
| | 8-14 | 53,01 G | |
| | 8-24 | 53,04 G | |
| | 8-25 | 53,01 G | |
| | 8-31 | 53,05 G | |
| | 9-11 | 53,09 G | |
| | 9-12 | 53,06 G | |
| 64 | 6-13 | 53,00 G | |
| | 8- 2 | 53,03 G | |
| | 8- 8 | 52,94 G | |
| | 8-10 | 53,13 G | |
| | 8-27 | 53,01 G | |
| | 8-28 | 53,02 G | |
| | 8-29 | 52,96 G | |
| | 9- 1 | 52,98 G | |
| | 9- 4 | 53,18 G | |
| | 9- 5 | 53,10 G | |
| | 9- 6 | 53,07 G | |
| | 9- 9 | 53,08 G | |
| 65 | 9- 1 | 53,11 G | |
| | 9- 2 | 53,02 G | |
| | 9- 6 | 53,01 G | |
| | 9- 7 | 53,09 G | |
| | 9- 8 | 53,09 G | |
| | 9-13 | 52,99 G | |
| 66 | 8-23 | 53,13 G | |
| | | III. | |
| | | 19$^h$35$^m$ | 47°28' |
| 68 | 7-30 | 22$^s$,38 M | 9",0 M |
| 72 | 7- 4 | 22,22 G | |
| | 7-19 | 22,02 G | |
| | 8-28 | 22,40 G | |
| | 9- 7 | 22,29 G | |
| 74 | 9-24 | 21,93 M | 10,6 M |
| 76 | 7-21 | 22,26 M | 9,3 M |
| | 8- 9 | 22,11 M | 11,4 M |
| | 8-25 | 22,23 M | 9,9 M |

### 26717 P. — 37401 L.

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 19$^h$34$^m$ | 72°19' |
| 58 | 8- 5 | 42$^s$,87 G | 46",0 G |
| | 8-16 | 42,64 G | 45,8 G |

### 26718 P. — 37448 L.

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | III. | |
| | | 19$^m$35$^m$ | 45°50' |
| 80 | 9- 3 | 23$^s$,16 G | 56",0 G |
| | 9-24 | 23,30 G | 55,6 G |

### 26719 P. — 874 W$_1$.

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | I. | |
| | | 19$^h$33$^m$ | 103°40' |
| 40 | 8-29 | 44$^s$,39 G | |

### 26720 P. — β Flèche.

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | I. | |
| | | 19$^h$34$^m$ | 72°52' |
| 37 | 7-24 | | 42",3 F |
| | 7-29 | 5$^s$,29 G | |
| | 8- 7 | 5,30 G | 43,9 F |
| | 8- 8 | 5,33 G | |
| | 8-10 | 5,09 G | |
| | 8-11 | 5,22 G | 43,3 F |
| | 8-13 | 5,36 G | 42,8 F |
| | 8-16 | 5,32 G | |
| | 8-27 | 5,05 G | |
| | 9-20 | 5,23 G | |
| 38 | 8-15 [1] | 5,30 G | |
| | 10- 9 | 5,36 G | |
| 39 | 9-15 | 5,37 G | |
| | 10- 9 | 5,46 G | |
| 40 | 8-31 | 5,45 G | |
| 41 | 8- 6 | 5,37 G | 44,0 F |
| 46 | 7-11 | 5,33 G | |
| 47 | 9-29 | 5,07 G | |
| | 10-28 | | 44,2 G |
| 48 | 9-15 | 5,14 G | |
| 53 | 8-17 [2] | 5,67 G | |
| | 11- 4 | 5,28 G | |
| | | II. | |
| | | 19$^h$34$^m$ | 72°50' |
| 58 | 8-31 | 45$^s$,66 G | |

[1] $\mathcal{A}$ diminuée de 1$^m$.
[2] $\mathcal{A}$ non comprise dans la moyenne.

### 26721 P. — 37395 L.

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | I. | |
| | | 19$^h$34$^m$ | 80°9' |
| 40 | 8- 4 | | 39",4 F |
| | | II. | |
| | | 19$^h$34$^m$ | 80°7' |
| 55 | 10-21 | 43$^s$,82 G | |
| 56 | 7- 5 | | 39",3 G |
| 59 | 8-23 | 43,80 G | 41,0 G |

### 26722 P. — 1104 W$_2$.

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 19$^h$34$^m$ | 67°48' |
| 58 | 7-14 | 49$^s$,71 G | |
| | 8- 6 | 49,71 G | |
| | 9-14 | 49,75 G | |

### 26723 P. — 37432 L.

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | III. | |
| | | 19$^h$35$^m$ | 55°8' |
| 81 | 8-14 | 29$^s$,28 J | 24",3 J |

### 26724 P. — 7791 Rümker.

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 19$^h$34$^m$ | 66°35' |
| 58 | 9-10 | 51$^s$,58 G | |

### 26725 P. — 37415-16 L.

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | III. | |
| | | 19$^h$35$^m$ | 65°42' |
| 81 | 7-19 | 31$^s$,97 J | 57",9 J |
| | 8- 7 | 31,89 J | 57,2 J |

### 26726 P. — 37437 L.

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 19$^h$35$^m$ | 55°4' |
| 67 | 8-19 | 1$^s$,89 G | 22",0 G |
| | | III. | |
| | | 19$^h$35$^m$ | 55°2' |
| 79 | 7-17 | 35$^s$,15 G | 20",2 G |
| | 9-18 | | 20,6 J |

### 26727 P. — 19885 A. O.

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | I. | |
| | | 19$^h$33$^m$ | 108°33' |
| 52 | 9-22 | 51$^s$,96 G | |

### 26728 P. — 37382 L.

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 19$^h$34$^m$ | 96°24' |
| 57 | 8- 2 | 49$^s$,38 G | 9",0 G |
| 60 | 9-12 | 49,41 G | 10,8 G |
| | | III. | |
| | | 19$^h$35$^m$ | 96°22' |
| 69 | 7-29 | 37$^s$,54 M | 6",3 M |
| 74 | 8-25 | 37,27 G | 8,0 G |
| | 8-29 | 37,38 G | 7,8 G |

### 26729 P. — 37392 L.

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 19$^h$34$^m$ | 89°8' |
| 56 | 9- 4 | | 19",6 G |
| | 9- 6 | 51$^s$,78 G | 20,5 G |
| 57 | 8- 6 | 51,57 G | 20,7 G |
| 58 | 9- 5 | 51,72 G | |
| | 9-15 | 51,63 G | |

### 26730 P. — 37412 L.

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 19$^h$34$^m$ | 70°11' |
| 58 | 7-17 | 58$^s$,57 G | 10",3 G |
| 59 | 8-28 [1] | 58,53 G | |

### 26730 P. (suite).

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|
| III. | 19h35m | 70°9' |
| 71 8- 7 | 38s,17 G | 9",6 G |
| 8-16 | 38,22 G | |
| 9- 3 | 38,00 G | 8,2 G |

[1] 𝒜 augmentée de 0s,58 : erreur de moy. (+0s,38) et erreur de réduction (+0s,20).

### 26731 P. — 37475 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 19h35m | 38°27' |
| 80 9-15 | | 4",2 G |
| 81 8- 5 | 40s,23 G | 2,1 G |

### 26732 P. — 37423-24 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 19h35m | 62°33' |
| 81 8- 8 | 40s,37 J | 33",1 J |

### 26733 P. — 37398 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h34m | 89°10' |
| 56 9- 6 | 57s,99 G | |
| 57 8- 6 | 57,83 G | |
| 58 9- 5 | 58,04 G | |
| 9-15 | 58,07 G | |
| III. | 19h35m | 89°8' |
| 74 8-20 | | 42",0 G |

### 26734 P. — 37430 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h35m | 63°11' |
| 61 7-18 | 8s,08 G | 28",1 G |
| III. | 19h35m | 63°9' |
| 79 9- 7 | 41s,90 G | 25",6 G |

### 26735 P. — 37476-77 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 19h35m | 39°10' |
| 81 7-18 | 46s,65 G | |
| 8- 6[1] | 46,51 G | 57",5 G |
| 8- 7 | 46,63 G | 55,2 G |

[1] 𝒜 diminuée de 1m : erreur de réduct.

### 26736 P. — 1134 $W_2$.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h35m | 50°58' |
| 67 7-30[1] | 16s,49 G | 40",8 G |

[1] L'observ. d'asc. dr. est rapportée à tort à 37440 L. au tome XXIII (dist. des fils).

### 26737 P. — 37440 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 19h35m | 58°52' |
| 68 8- 7 | 49s,13 G | |
| 75 8- 9 | 49,00 G | 57",3 G |
| 8-17 | 49,02 G | 57,6 G |

### 26738 P. — 37419 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 19h34m | 72°9' |
| 43 8-11 | 29s,13 G | |
| II. | 19h35m | 72°7' |
| 58 7-26 | | 49",9 G |
| 59 8-16 | 9s,72 G | 49,4 G |
| III. | 19h35m | 72°5' |
| 79 8-26 | 49s,85 G | 49",0 G |

### 26739 P. — 19513 A.O.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 19h35m | 20°32' |
| 40 7-14 | 57s,81 G | |

### 26740 P. — 37425 et 27 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 19h34m | 67°54' |
| 41 8-21 | 35s,56 G | |
| 8-22 | 35,53 G | |
| 8-24 | 35,45 G | |
| II. | 19h35m | 67°52' |
| 58 7-14 | 14s,04 G | 16",3 G |
| 8- 6 | 14,20 G | |
| 9-14 | 14,08 G | 15,9 G |
| III. | 19h35m | 67°50' |
| 79 7-27 | 52s,82 M | 14",0 M |
| 7-29 | 52,73 G | 12,5 G |
| 8-16 | 52,90 G | 12,6 G |

### 26741 P. — 898 $W_1$.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 19h34m | 84°36' |
| 40 7-29 | 26s,10 G | |
| 8- 2 | 26,07 G | 43",3 F |

### 26742 P. — 37391 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h35m | 99°32' |
| 56 8-24 | 6s,20 G | 11",8 G |
| III. | 19h35m | 99°30' |
| 69 8- 4 | 55s,15 M | 11",0 M |
| 74 8-31 | 55,35 G | 10,7 G |

### 26743 P. — 13257 Bonn.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 19h35m | 47°12' |
| 79 9- 8 | | 21",0 G |

### 26744 P. — 37388 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h35m | 104°33' |
| 54 9- 6 | 8s,47 G | |
| 58 7-11 | 8,66 G | 30",8 G |
| 9- 9 | 8,68 G | 30,6 G |
| 67 7-29 | 8,84 M | 31,6 M |
| III. | 19h35m | 104°31' |
| 70 8-17 | 59s,55 M | 29",1 M |
| 78 8-31 | 59,50 M | 29,3 M |
| 9- 3 | 59,45 M | 30,1 M |

### 26745 P. — 37703 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 19h36m | 11°51' |
| 75 8-26 | 0s,12 G | |
| 9- 6 | 0,02 G | 25",5 G |

### 26746 P. — 21450 $Mn_1$.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 19h36m | 98°53' |
| 68 8-13[1] | 0s,25 M | 53",0 M |
| 80 8-31 | 0,47 M | 50,5 M |
| 81 9-19 | 0,38 M | 52,7 M |

[1] 𝒜 augmentée de 0s,20 : erreur de 1s sur un fil.

### 26747 P. — 4022 A + 10°.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h35m | 79°48' |
| 59 9-24 | 23s,24 G | |

### 26748 P. — 37411 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h35m | 88°44' |
| 55 10-19 | 22s,13 G | |
| 56 7-29 | | 14",2 G |
| 57 8-21 | 22,33 G | |
| 58 7- 1 | 22,15 G | |
| 9-13 | | 13,8 G |

### 26749 P. — 1132 $W_2$.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h35m | 69°15' |
| 59 9-16 | 28s,89 G | |

### 26750 P. — 37381 et 83 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h35m | 115°2' |
| 55 9- 8 | 14s,96 G | |
| III. | 19h36m | 115°0' |
| 81 9-15[1] | 9s,56 M | 44",7 M |

[1] 𝒜 diminuée de 1m.

### 26751 P. — 37422 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h35m | 80°20' |
| 56 7- 3 | 27s,56 G | |
| 8-26 | | 11",2 G |
| 58 7- 1 | | 12,0 G |

### 26752 P. — 37385 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h35m | 115°14' |
| 55 9-25 | 20s,46 G | |
| III. | 19h36m | 115°12' |
| 79 8-20 | 14s,87 J | 27",5 J |
| 8-26 | 14,90 J | 27,3 J |
| 81 7-29 | | 25,9 M |
| 8-18 | 15,17 M | 26,0 M |

### 26753 P. — 37455-56 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 19h36m | 62°35' |
| 80 8-31 | 16s,27 J | 8",0 J |
| 9- 2 | 16,23 J | 7,0 J |

### 26754 P. — 903 $W_1$.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h35m | 98°37' |
| 57 7-24[1] | 27s,45 G | |
| 8-16 | 27,72 G | |

[1] 𝒜 diminuée de 1m : err. de transc.

### 26755 P. — 37404 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h35m | 101°0' |
| 54 9- 8 | 28s,17 G | |
| 9-10 | 28,18 G | 6",3 G |
| 58 9-12 | | 6,7 G |
| III. | 19h36m | 100°58' |
| 78 9-12 | 17s,82 M | 6",1 M |
| 9-21 | 18,02 M | 5,4 M |

Dates 1800 + — Positions moyennes pour les époques du Catal.

### 26756 P. — 37458 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h35m | 98°39' |
| 56 8-23 | | 19",0 G |
| 57 7-24 [1] | 31s,05 G | |
| III. | 19h36m | 98°37' |
| 74 8-26 | 19s,87 G | 16",0 G |

[1] 𝒜 diminuée de 1m : err. de transcr.

### 26757 P. — 37438 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 19h34m | 78°9' |
| 40 8-15 | | 58",9 F |
| 8-16 | 56s,51 G | |
| 46 7-12 | 56,40 G | |
| 8-17 | | 57,5 G |
| 8-21 | 56,58 G | |
| 8-24 | 56,52 G | |
| 9-12 | 56,69 G | |
| 9-13 | 56,48 G | |
| 9-14 | 56,59 G | |
| 9-15 | 56,49 G | |
| 9-16 | 56,63 G | |
| 9-17 | 56,59 G | |
| 9-18 | 56,55 G | |
| 9-19 | 56,54 G | |
| 10-27 | 56,63 G | |
| 47 9-9 | 56,40 G | 59,0 G |
| 9-16 | 56,67 G | |
| 9-18 | 56,73 G | |
| 9-23 | 56,44 G | |
| 10-3 | | 58,3 G |
| 48 10-11 | 56,58 G | |
| 49 7-20 | 56,37 G | |
| 7-26 | 56,41 G | |
| 9-30 | 56,52 G | |
| II. | 19h35m | 78°7' |
| 56 8-13 | 38s,70 G | |
| 57 7-20 | | 56",7 G |
| 67 8-31 | 38,76 M | 57,3 M |
| III. | 19h36m | 78°5' |
| 71 8-27 [1] | 20s,93 G | 54",0 G |

[1] 𝒜 augmentée de 1s : err. de réduct.

### 26758 P. — 3824 A — 0°.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 19h34m | 90°56' |
| 48 7-17 | 47s,23 G | |

### 26759 P. — 37464 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h35m | 59°36' |
| 66 7-25 | 45s,60 G | 13",3 G |
| 67 8-9 | 45,63 G | 13,5 G |
| III. | 19h36m | 59°34' |
| 68 8-4 | 20s,87 G | 10",9 G |

### 26760 P. — 7209 Berlin B.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h35m | 69°16' |
| 59 9-16 | 42s,17 G | |

### 26761 P. — 37453 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 19h36m | 66°12' |
| 70 8-6 | 22s,62 G | 3",5 G |
| 71 8-26 | 22,59 M | 4,5 M |
| 8-26 | 22,23 G | 5,0 G |
| 73 7-25 | 22,43 G | |

### 26762 P. — 909 W1.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 19h34m | 85°24' |
| 41 7-15 | 54s,21 G | |
| 7-16 | 54,10 G | 20",8 F |
| 7-18 | 54,05 G | |

### 26763 P. — 37403 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 19h34m | 105°49' |
| 37 8-2 | 42s,90 G | |
| 39 6-26 | 42,89 G | |
| 7-3 | 42,75 G | |
| 7-27 | 42,86 G | |
| 7-28 | 42,88 G | 24",7 F |
| 7-30 [1] | 42,92 G | 24,9 F |
| 8-21 | 42,90 G | |
| 8-23 | 42,86 G | |
| 8-24 | | 26,2 F |
| 9-6 | | 26,2 F |
| 40 7-3 | 42,97 G | |
| 8-9 | 42,73 G | |
| 8-27 | 42,64 G | |
| 8-28 | 42,90 G | |
| 8-29 | | 25,7 F |
| 8-30 | 43,02 G | |
| 8-31 | | 25,1 F |
| 41 8-13 | 42,81 G | 25,6 F |
| 8-14 | 43,07 G | |
| 8-18 | 42,83 G | |
| II. | 19h35m | 105°47' |
| 54 8-22 | | 26",7 G |
| 9-4 | | 26,7 G |
| 9-9 | 34s,28 G | |
| 9-29 [2] | 34,19 G | 25,1 G |
| 57 9-27 | 34,32 G | |
| 58 9-11 | | 26,2 G |
| III. | 19h36m | 105°45' |
| 70 7-14 | 25s,61 M | 25",9 M |
| 78 8-30 | 25,73 G | |

[1] 𝒫 augmentée de 30" (1 tour de vis des microscopes).
[2] 𝒫 diminuée de 6" : erreur de moyenne.

### 26764 P. — 1145 W2.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h35m | 62°56' |
| 58 9-16 | 50s,04 G | |

### 26765 P. — 37431 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h35m | 88°47' |
| 57 8-21 | 43s,92 G | 44",1 G |
| 58 7-1 | 44,03 G | |
| 60 7-21 | 43,89 G | 46,7 G |
| 8-10 | 43,69 G | |

### 26766 P. — 4040 A + 12°.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 19h35m | 77°57' |
| 43 9-5 | 6s,32 G | |

### 26767 P. — 37482 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 19h36m | 49°12' |
| 80 8-10 | 31s,70 G | 34",9 G |
| 8-23 | 31,74 J | 37,2 J |
| 81 8-22 | 31,90 G | 36,3 G |

### 26768 P.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h35m | 78°30' |
| 58 8-24 | 51s,71 G | |

### 26769 P. — 37460 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 19h36m | 69°16' |
| 81 7-16 | 34s,45 J | 21",3 J |
| 7-21 | 34,49 J | 20,9 J |
| 8-2 | 34,24 J | 21,8 J |
| 8-5 | 34,18 J | 22,2 J |

### 26770 P. — 4023 A + 10°.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h35m | 79°52' |
| 57 10-3 | 53s,46 G | |

### 26771 P. — 8662 YF.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h35m | 81°58' |
| 61 9-1 | | 3",6 G |

### 26772 P. — 37399 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h35m | 117°58' |
| 57 8-12 | 42s,31 G | 12",7 G |
| 58 8-4 | 42,25 G | 14,4 G |

### 26773 P. — 37486-87 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h36m | 47°14' |
| 67 9-6 | 8s,93 M | 47",4 M |

### 26774 P. — 37457 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h35m | 75°4' |
| 67 8-5 | 58s,89 M | |
| III. | 19h36m | 75°2' |
| 71 9-5 | 39s,98 G | 22",4 G |

### 26775 P. — 37466 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h36m | 69°19' |
| 59 9-16 | 1s,16 G | 3",5 G |
| III. | 19h36m | 69°16' |
| 79 8-20 | 40s,18 G | 59",4 G |

### 26776 P. — 37451-52 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 19h35m | 78°32' |
| 39 7-10 [1] | 18s,38 G | |
| 7-31 | 16,46 G | |
| 8-1 | 16,48 G | |
| 8-4 | 16,48 G | |
| 8-16 | 16,27 G | |
| 8-19 | 16,40 G | |
| 40 8-15 | 16,35 G | |
| 10-6 | 16,43 G | |
| 41 9-8 | 16,41 G | |
| 46 7-17 | 16,32 G | 2",7 G |
| 8-13 | 16,35 G | |
| 8-14 | 16,41 G | |
| 9-26 | 16,35 G | |
| 47 8-13 | 16,31 G | |
| 8-19 | 16,26 G | 3,4 G |
| 48 6-22 [2] | 16,45 G | |
| 7-10 | 16,45 G | |
| 7-14 | 16,37 G | |
| 49 10-17 | 16,25 G | 2,2 G |
| 11-5 | 15,45 G | |
| 50 8-12 | | 1,3 G |
| 51 8-25 | 16,48 G | |
| 53 7-28 | 16,36 G | |
| II. | 19h35m | 78°30' |
| 54 8-20 | 58s,81 G | |
| 56 9-20 | 58,60 G | |
| 58 7-25 | 58,70 G | |
| 8-9 | | 0",8 G |
| 8-24 | 58,77 G | 0,7 G |

[1] 𝒜 non comprise dans la moyenne : erreur probable de 2s.
[2] Désignée à tort au t. VIII comme 6750 B.A.C. (dist. des fils).

### 26777 P. — 8663 YF.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h35m | 81°56' |
| 57 7-21 | 58s,18 G | |
| 7-28 | 58,25 G | |
| 58 7-3 | 58,41 G | |
| 61 9-1 | | 57",3 G |
| 62 9-11 | | 57,5 G |

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|

### 26778 P. — 37449 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| I. | $19^h35^m$ | 81°58' |
| 44 8-3 | $16^s,58$ G | |
| II. | $19^h35^m$ | 81°56' |
| 57 7-21 | $59^s,84$ G | 46",6 G |
| 7-28 | 60,23 G | |
| 58 7-3 | 59,85 G | 48,9 G |
| 7-13 | 59,89 G | 48,6 G |
| 60 9-15 | 60,00 G | |
| 10-27 | 59,85 G | 48,6 G |
| 61 9-1 | 59,98 G | 50,6 G |
| 62 9-11 | 59,75 G | 49,2 G |

### 26779 P. — 37496 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| III. | $19^h36^m$ | 45°30' |
| 80 9-5 | $44^s,11$ G | 8",9 G |
| 81 8-24 | 44,18 G | |

### 26780 P. — 37465 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| I. | $19^h35^m$ | 71°53' |
| 46 7-22 | $25^s,32$ G | |
| 8-25 | 25,01 G | |
| 8-26 | 25,08 G | |
| 9-29 | 25,03 G | 43",0 G |
| 9-30 | 25,05 G | |
| 47 10-26 | 24,87 G | |
| 50 10-10 | 25,04 G | |
| 10-11 | 25,06 G | |
| II. | $19^h36^m$ | 71°51' |
| 56 9-19 | $4^s,91$ G | |
| 61 8-5 | 5,12 G | |
| III. | $19^h36^m$ | 71°49' |
| 71 9-14 | $45^s,18$ G | |
| 75 8-7 | 45,14 M | 38",6 M |
| 9-17 | 45,21 M | 38,8 M |
| 76 7-17 | 45,26 M | 37,8 M |
| 7-22 | 45,14 M | 38,3 M |
| 8-3 | 45,24 M | 37,3 M |

### 26781 P. — 37426 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| II. | $19^h35^m$ | 99°23' |
| 57 8-9 | $56^s,08$ G | |
| 58 7-30[1] | 56,41 G | 45",7 G |
| 9-27 | | 45,0 F |
| 10-5 | | 45,6 G |
| 10-8 | | 45,0 G |
| III. | $19^h36^m$ | 99°21' |
| 69 7-31 | $45^s,26$ M | 43",8 M |

[1] $\mathcal{A}$ diminuée de $2^s$ : erreur de moy.

### 26782 P. — 37478 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| II. | $19^h36^m$ | 59°31' |
| 59 8-30 | $10^s,89$ G | |
| 67 8-13 | | 4",9 G |
| III. | $19^h36^m$ | 59°29' |
| 79 8-11 | $46^s,08$ G | 1",9 G |

### 26783 P. — 37444 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| II. | $19^h36^m$ | 88°44' |
| 57 7-27 | $0^s,81$ G | 5",1 G |
| 60 8-10 | 0,75 G | 5,7 G |

### 26784 P. — 37472 à 74 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| II. | $19^h36^m$ | 62°56' |
| 57 8-13 | $9^s,89$ G | 37",6 G |
| 58 7-25 | | 39,6 G |
| 8-7 | 9,58 G | |
| 9-16 | 9,86 G | 40,2 G |
| 9-18 | | 38,2 G |
| 10-2 | | 38,9 G |
| 59 7-25 | | 38,9 G |
| III. | $19^h36^m$ | 62°54' |
| 70 7-29 | $46^s,56$ G | 35",4 G |
| 75 7-27 | 46,45 G | 35,4 G |
| 76 7-12 | | 34,6 G |

### 26785 P. — 915 W$_1$.

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| III. | $19^h36^m$ | 98°47' |
| 68 8-12 | $50^s,07$ M | 60",8 M |
| 80 7-22 | 49,80 M | 59,8 M |
| 7-28 | 49,89 M | 59,6 M |
| 8-4 | 49,80 M | 60,0 M |

### 26786 P. — 37450 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| II. | $19^h36^m$ | 85°57' |
| 57 8-22 | $5^s,39$ G | 50",7 G |
| 62 7-3 | 5,44 G | 51,7 G |

### 26787 P. — 37498 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| III. | $19^h36^m$ | 45°45' |
| 80 8-13 | $50^s,38$ G | 46",7 G |
| 81 8-21 | 50,41 G | 44,8 G |

### 26788 P. — 37483 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| II. | $19^h36^m$ | 57°14' |
| 67 8-5 | $18^s,56$ G | 35",7 G |

### 26788 P. (suite).

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| III. | $19^h36^m$ | 57°12' |
| 79 7-30[1] | $52^s,89$ M | 24",6 M |
| 9-11 | 53,03 G | 35,0 G |
| 80 8-1 | | 32,4 G |
| 81 7-13 | 52,99 M | 32,0 M |

[1] $\mathcal{P}$ non comprise dans la moyenne.

### 26789 P. — 21519 Mn$_1$.

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| I. | $19^h35^m$ | 84°15' |
| 45 8-9 | | 16",5 F |

### 26790 P. — 19903 A.O.

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| II. | $19^h36^m$ | 113°28' |
| 55 8-16 | $3^s,60$ G | |
| 62 8-6 | 3,73 G | |

### 26791 P. — 37508 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| I. | $19^h36^m$ | 44°50' |
| 40 9-10 | $3^s,03$ G | |
| 9-12 | 2,93 G | |
| 9-29 | 3,12 G | |
| 9-30 | 3,06 G | |
| II. | $19^h36^m$ | 44°48' |
| 64 7-19 | | 18",0 G |
| 7-26 | | 17,6 G |
| 7-28 | | 18,4 G |
| 8-1 | | 17,3 G |
| 8-26 | | 17,4 G |
| III. | $19^h36^m$ | 44°46' |
| 80 8-8 | $58^s,60$ G | 12",2 G |
| 9-11 | 58,93 G | 12,4 G |

### 26792 P. — 37538 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| III. | $19^h36^m$ | 51°50' |
| 80 9-9 | $58^s,90$ J | 1",4 J |

### 26793 P. — 1164 W$_2$.

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| II. | $19^h36^m$ | 63°8' |
| 61 7-18 | | 35",7 G |

### 26794 P. — 37443 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| II. | $19^h36^m$ | 99°43' |
| 57 7-10 | | 39",2 G |
| 7-13 | $14^s,24$ G | 41,0 G |
| 7-31 | | 41,3 G |

### 26794 P. (suite).

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| III. | $19^h37^m$ | 99°41' |
| 68 9-3 | $3^s,36$ M | 38",9 M |
| 9-7 | 3,67 M | 37,9 M |
| 9-8 | 3,35 M | 38,0 M |
| 74 8-21[1] | 3,20 G | 38,5 G |

[1] $\mathcal{A}$ augmentée de $0^s,67$ : err. de $1^s$ sur les quatre derniers fils.

### 26795 P. — 37420-21 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| II. | $19^h36^m$ | 113°11' |
| 55 7-30 | $10^s,19$ G | 11",8 G |
| III. | $19^h37^m$ | 113°9' |
| 79 7-25 | $4^s,12$ J | 6",5 J |
| 7-27 | 4,04 J | 6,6 J |
| 7-29 | 4,27 J | 6,7 J |
| 7-30 | 4,18 J | 7,8 J |

### 26796 P. — 926 W$_1$.

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| I. | $19^h35^m$ | 85°28' |
| 41 7-16 | $36^s,08$ G | 37",5 F |
| II. | $19^h36^m$ | 85°26' |
| 57 8-7 | $20^s,58$ G | 36",5 G |

### 26797 P. — 3527 A + 32°.

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| III. | $19^h37^m$ | 57°53' |
| 80 6-23 | $7^s,17$ G | |

### 26798 P. — 37459 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| II. | $19^h36^m$ | 89°39' |
| 56 9-27 | | 11",7 G |
| 57 8-14 | | 11,6 G |
| 8-20 | $21^s,61$ G | 13,2 G |
| 10-6 | | 12,9 G |
| 60 8-6 | 21,59 G | 13,7 G |

### 26799 P. — 37463 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| II. | $19^h36^m$ | 86°9' |
| 56 7-15 | | 15",4 G |
| 58 8-15 | | 16,2 G |
| III. | $19^h37^m$ | 86°7' |
| 71 8-1 | $7^s,49$ M | 12",4 M |
| 75 8-20 | 7,57 M | 13,5 M |
| 9-7 | 7,67 M | 13,5 M |
| 76 8-17 | 7,41 M | 13,2 M |

### 26800 P. — 37428 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| II. | $19^h36^m$ | 113°35' |
| 62 8-6 | | 38",0 G |

| Dates 1800+ A. | M. J. | Positions moyennes pour les époques du Catal. ℛ. | 𝒫. |
|---|---|---|---|

### 26800 P. (suite).

| A. | M. J. | ℛ. | 𝒫. |
|---|---|---|---|
| | III. | 19h37m | 113°33' |
| 79 | 8-11 | 10s,91 J | 36",4 J |
| | 8-16 | 10,70 J | 34,1 J |

### 26801 P. — 247 Piazzi.

| A. | M. J. | ℛ. | 𝒫. |
|---|---|---|---|
| | II. | 19h36m | 72°21' |
| 58 | 9-27[1] | 32s,60 G | |

[1] ℛ diminuée de 3m. La minute a été inscrite sur le Cahier au moment de la réduction. D'ailleurs l'observ. de l'étoile γ Aigle qui suit dans la série serait incompréhensible sans cette correction.

### 26802 P. — 1178 $W_2$.

| A. | M. J. | ℛ. | 𝒫. |
|---|---|---|---|
| | I. | 19h36m | 60°52' |
| 37 | 6-22 | 1s,55 G | |
| | 9-20 | 1,39 G | 2",6 G |
| 38 | 9-11 | 1,59 G | |

### 26803 P. — 1173-74 $W_2$.

| A. | M. J. | ℛ. | 𝒫. |
|---|---|---|---|
| | II. | 19h36m | 63°15' |
| 61 | 7-18 | | 5",2 G |

### 26804 P. — 936 $W_1$.

| A. | M. J. | ℛ. | 𝒫. |
|---|---|---|---|
| | I. | 19h35m | 80°51' |
| 44 | 7-27 | | 55",4 G |
| | II. | 19h36m | 80°49' |
| 58 | 7-19 | 33s,98 G | |
| 61 | 7-19 | | 52",2 G |

### 26805 P. — 37468 L.

| A. | M. J. | ℛ. | 𝒫. |
|---|---|---|---|
| | II. | 19h36m | 90°18' |
| 56 | 7-26 | | 53",9 G |
| | 8-2 | 31s,71 G | |
| | III. | 19h37m | 90°16' |
| 76 | 7-19 | 17s,78 G | 56",2 G |
| | 7-20 | 17,80 G | |
| | 7-21 | 17,77 G | 53,4 G |
| | 7-29 | 17,73 G | 54,2 G |
| | 8-25 | 17,85 G | 53,1 G |

### 26806 P. — 37447 L.

| A. | M. J. | ℛ. | 𝒫. |
|---|---|---|---|
| | II. | 19h36m | 107°43' |
| 54 | 9-5[1] | | 46",9 G |
| | 9-11[1] | 26s,63 G | 51,0 G |
| 57 | 9-12 | 26,75 G | |

### 26806 P. (suite).

| A. | M. J. | ℛ. | 𝒫. |
|---|---|---|---|
| | III. | 19h37m | 107°41' |
| 70 | 7-15 | 18s,51 M | 47",5 M |
| | 8-19 | 18,75 M | 48,0 M |

[1] 𝒫 augmentée de 5': l'observateur avait corrigé la lecture de 5' pour établir l'accord avec Lal.-Baily.

### 26807 P. — 37518 L.

| A. | M. J. | ℛ. | 𝒫. |
|---|---|---|---|
| | II. | 19h36m | 50°18' |
| 67 | 8-31 | 50s,68 G | 18",8 G |
| | 9-6 | 50,90 G | 19,2 G |
| | III. | 19h37m | 50°16' |
| 68 | 7-30 | 21s,81 G | 14",8 G |

### 26808 P. — 37502 L.

| A. | M. J. | ℛ. | 𝒫. |
|---|---|---|---|
| | III. | 19h37m | 54°4' |
| 79 | 9-3 | 21s,88 J | 1",5 J |

### 26809 P. — 37484 L.

| A. | M. J. | ℛ. | 𝒫. |
|---|---|---|---|
| | III. | 19h37m | 69°11' |
| 80 | 8-27 | 22s,01 J | 58",3 J |
| | 8-30 | 22,04 J | 58,1 J |

### 26810 P. — 37471 L.

| A. | M. J. | ℛ. | 𝒫. |
|---|---|---|---|
| | II. | 19h36m | 83°50' |
| 57 | 8-3 | 38s,42 G | |
| | 8-18[1] | 38,66 G | 53",0 G |
| 58 | 10-3 | 38,60 G | 51,9 G |

[1] ℛ diminuée de 1s : erreur de moyenne.

### 26811 P. — 37495 L.

| A. | M. J. | ℛ. | 𝒫. |
|---|---|---|---|
| | III. | 19h37m | 63°2' |
| 75 | 7-24 | 25s,58 G | 24",7 G |
| | 7-26 | 25,59 G | |

### 26812 P. — 37488-89 L.

| A. | M. J. | ℛ. | 𝒫. |
|---|---|---|---|
| | I. | 19h36m | 67°30' |
| 39 | 10-9 | 9s,99 G | |
| | II. | 19h36m | 67°28' |
| 58 | 8-28 | 48s,66 G | 35",3 G |
| | III. | 19h37m | 67°26' |
| 70 | 7-18 | 26s,95 G | |

### 26813 P. — 237 Piazzi.

| A. | M. J. | ℛ. | 𝒫. |
|---|---|---|---|
| | I. | 19h35m | 121°16' |
| 39 | 7-16 | 34s,96 G | |
| | 8-24 | 34,89 G | |
| | 9-4[1] | 35,03 G | |
| | 9-18 | 34,89 G | 7",8 G |

[1] ℛ diminuée de 1m : erreur de transcr.

### 26814 P. — 934 $W_1$.

| A. | M. J. | ℛ. | 𝒫. |
|---|---|---|---|
| | II. | 19h36m | 98°41' |
| 55 | 8-11 | | 22",7 G |
| 58 | 7-4 | 40s,75 G | 25,5 G |
| | 9-26 | 40,71 G | 25,8 G |
| | III. | 19h37m | 98°39' |
| 68 | 8-13 | 29s,39 M | 23",7 M |
| 80 | 8-6 | 29,65 M | 21,5 M |
| | 8-8 | 29,73 M | 20,9 M |
| | 8-20 | 29,76 M | 22,0 M |

### 26815 P. — 37462 L.

| A. | M. J. | ℛ. | 𝒫. |
|---|---|---|---|
| | II. | 19h36m | 101°21' |
| 54 | 8-25 | 41s,05 G | |
| | 8-27 | 40,93 G | 31",2 G |
| | 9-7 | | 32,5 G |
| 61 | 7-15 | 40,89 G | 32,5 G |
| 67 | 7-30 | 40,94 M | 32,5 M |
| | III. | 19h37m | 101°19' |
| 78 | 9-7 | 30s,71 M | 27",8 M |
| 79 | 7-31 | 30,80 J | 28,8 J |

### 26816 P. — 938 $W_1$.

| A. | M. J. | ℛ. | 𝒫. |
|---|---|---|---|
| | II. | 19h36m | 89°9' |
| 58 | 9-5 | 45s,77 G | |

### 26817 P. — 37439 L.

| A. | M. J. | ℛ. | 𝒫. |
|---|---|---|---|
| | II. | 19h36m | 117°43' |
| 58 | 7-2 | | 41",9 G |
| 59 | 8-31 | 36s,34 G | |
| | III. | 19h37m | 117°41' |
| 79 | 8-2 | 31s,96 M | 40",2 M |

### 26818 P. — 8333 Brux.

| A. | M. J. | ℛ. | 𝒫. |
|---|---|---|---|
| | II. | 19h37m | 55°7' |
| 58 | 8-2 | | 33",2 G |

### 26819 P. — 37467 L.

| A. | M. J. | ℛ. | 𝒫. |
|---|---|---|---|
| | II. | 19h36m | 101°26' |
| 54 | 8-26 | 45s,32 G | |
| 61 | 7-15 | 45,43 G | 36",3 G |
| | III. | 19h37m | 101°24' |
| 79 | 8-12 | 35s,30 J | 32",6 J |

### 26820 P. — 3755 A + 35°.

| A. | M. J. | ℛ. | 𝒫. |
|---|---|---|---|
| | II. | 19h37m | 54°58' |
| 58 | 8-2 | 2s,79 G | |

### 26821 P. — 2983 Carrington.

| A. | M. J. | ℛ. | 𝒫. |
|---|---|---|---|
| | II. | 19h39m | 6°0' |
| 59 | 8-12 | | 32",7 G |

### 26822 P. — 7814 Rümker.

| A. | M. J. | ℛ. | 𝒫. |
|---|---|---|---|
| | II. | 19h36m | 79°45' |
| 57 | 10-3 | 57s,48 G | |
| 59 | 7-8 | 57,72 G | |
| | 7-10 | 57,48 G | |
| | 7-17[1] | 57,39 G | |
| | 7-25 | 57,75 G | |
| | 7-26 | 57,57 G | |
| | 9-23 | 57,57 G | |
| | 9-24 | 57,81 G | |
| | III. | 19h37m | 79°43' |
| 68 | 8-22 | 40s,49 M | 34",5 M |
| 81 | 7-21 | 40,49 M | 37,0 M |
| | 7-28 | 40,49 M | 35,6 M |

[1] ℛ diminuée de 1m : erreur de réduct.

### 26823 P. — 37530 L.

| A. | M. J. | ℛ. | 𝒫. |
|---|---|---|---|
| | III. | 19h37m | 50°2' |
| 74 | 8-26 | 40s,97 M | 25",8 M |
| 79 | 9-2 | 41,19 G | 23,9 G |
| | 9-3 | 41,16 G | 26,0 G |

### 26824 P. — 37503 et 05 L.

| A. | M. J. | ℛ. | 𝒫. |
|---|---|---|---|
| | III. | 19h37m | 62°40' |
| 81 | 8-18 | 41s,27 J | 47",9 J |

### 26825 P. — 37485 L.

| A. | M. J. | ℛ. | 𝒫. |
|---|---|---|---|
| | I. | 19h36m | 78°9' |
| 40 | 8-8 | 17s,17 G | |
| 46 | 7-12 | 16,98 G | |
| 47 | 10-22[1] | 16,91 G | |
| 49 | 7-20 | 16,81 G | |
| | 7-26 | 16,97 G | |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (AR, D)

**26825 P. (suite).**

| A. | M. J. | AR | D |
|---|---|---|---|
| | | II. | |
| | | 19h36m | 78°7' |
| 56 | 7- 4 | 59s,08 G | |
| | 8-30 | 59,06 G | |
| 60 | 7-13 | 59,13 G | 25",2 G |
| 67 | 8-31 | 59,16 M | 25,0 M |

[1] AR augmentée de 6s : erreur de moy.

**26826 P. — 37499 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | | III. | |
| | | 19h37m | 67°59' |
| 71 | 9-20 | 42s,19 G | |
| 75 | 8- 9 | 42,22 M | 35",7 M |
| | 8-17 | 42,15 M | 34,6 M |
| 76 | 8-12 | 42,02 M | 35,1 M |

**26827 P. — 37494 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | | II. | |
| | | 19h37m | 73°20' |
| 58 | 7-12 | | 48",8 G |
| | 7-21 | | 49,2 G |
| 59 | 8-28[1] | | 42,3 G |
| | | III. | |
| | | 19h37m | 73°18' |
| 71 | 8-12 | 44s,00 G | |
| | 8-13 | 43,73 G | |
| | 9- 6 | 43,88 G | 45",0 G |
| | 9-11 | 43,78 G | |
| | 9-15 | 43,86 G | 45,6 G |

[1] D non comprise dans la moyenne.

**26828 P. — 37490 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | | II. | |
| | | 19h37m | 76°38' |
| 57 | 8-26 | 4s,28 G | |
| 58 | 7-16 | 4,24 G | |
| | | III. | |
| | | 19h37m | 76°36' |
| 71 | 8- 1 | 45s,79 G | |
| | 8- 9 | | 7",1 G |
| | 8-28 | 45,77 G | 6,2 G |
| | 9- 2 | 45,79 G | 8,9 G |
| | 9-12 | 45,98 G | |

**26829 P. — 37554 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | | III. | |
| | | 19h37m | 42°57' |
| 81 | 8- 8 | 46s,99 G | 54",3 G |

**26830 P. — 1201 W$_2$.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | | I. | |
| | | 19h36m | 61°2' |
| 39 | 9-10[1] | 36s,77 G | |
| 40 | 7-17 | 36,89 G | |
| | 7-21 | 36,86 G | |

[1] AR augmentée de 1m.

**26831 P. — 37470 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | | II. | |
| | | 19h37m | 101°31' |
| 54 | 8-28 | 0s,37 G | 31",8 G |
| | | III. | |
| | | 19h37m | 101°29' |
| 79 | 8- 2 | 50s,21 J | 24",6 J |

**26832 P. — 37513 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | | III. | |
| | | 19h37m | 65°41' |
| 81 | 7-18 | 51s,19 J | 18",3 J |

**26833 P. — 37519-20 et 23 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | | III. | |
| | | 19h37m | 62°53' |
| 74 | 7-18 | 52s,95 M | 13",5 M |
| | 9-14 | 53,02 G | 11,2 G |
| 75 | 7-29 | 53,08 G | 11,7 G |

**26834 P. — 4063 A + 17°.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | | II. | |
| | | 19h37m | 72°3' |
| 67 | 8-14 | 15s,90 M | 21",9 M |

**26835 P. — 37527 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | | II. | |
| | | 19h37m | 57°54' |
| 67 | 8-27 | 21s,44 G | 10",5 G |

**26836 P. — 37480 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | | II. | |
| | | 19h37m | 100°54' |
| 54 | 9-27 | | 11",3 G |
| 59 | 7-11 | 11s,69 G | 10,6 G |
| | | III. | |
| | | 19h38m | 100°52' |
| 79 | 7-17 | 1s,56 J | 8",4 J |

**26837 P. — 37497 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | | I. | |
| | | 19h36m | 80°50' |
| 41 | 8-14 | 36s,33 G | |
| | 8-18 | 36,38 G | |
| 44 | 7- 2 | 36,22 G | |
| | | II. | |
| | | 19h37m | 80°48' |
| 58 | 6- 7 | 19s,30 G | |
| | 7-19 | | 49",7 G |
| 59 | 8- 6 | | 51,6 G |
| 61 | 7-19 | 19,33 G | |
| 62 | 9-14 | 19,67 G | 49,9 G |

**26838 P. — 37521-22 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | | III. | |
| | | 19h38m | 67°48' |
| 81 | 8- 1 | 2s,86 J | 2",8 J |
| | 8- 6 | 2,96 J | 3,4 J |

**26839 P. — 19929 A.O.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | | I. | |
| | | 19h36m | 105°28' |
| 40 | 8-27 | 25s,17 G | |
| | 8-28 | 25,30 G | |
| | 8-29 | | 40",3 F |
| | 8-31[1] | | 39,7 F |
| 41 | 9-21 | 25,36 G | |
| | 9-22 | 25,12 G | |
| | 10- 1 | 25,27 G | |
| | 10- 6 | 25,31 G | |

[1] D augm. de 5° : erreur de transcript.

**26840 P. — 7569 Sj.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | | I. | |
| | | 19h36m | 103°5' |
| 41 | 8-27 | 30s,12 G | |
| | 8-30[1] | 30,24 G | 39",8 F |
| | 9-10 | 30,15 G | |
| | 9-11 | 30,19 G | 39,3 F |
| | 9-19 | 30,29 G | |

[1] D augmentée de 5'.

**26841 P. — 37500 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | | II. | |
| | | 19h37m | 82°44' |
| 57 | 10- 2 | 27s,49 G | 37",4 G |
| | | III. | |
| | | 19h38m | 82°42' |
| 79 | 9- 2 | 11s,25 J | 34",0 J |

**26842 P. — 37537 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | | III. | |
| | | 19h38m | 59°37' |
| 80 | 9- 1 | 14s,46 J | 5",1 J |

**26843 P. — 959 W$_1$.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | | I. | |
| | | 19h36m | 77°59' |
| 39 | 8- 1 | 50s,30 G | |
| | 9- 6 | | 36",0 F |
| 40 | 8- 8 | 50,30 G | |
| | 8- 9 | 50,26 G | |
| | 8-31[1] | 50,39 G | |

[1] Erreur de 2° dans la déclin. approchée inscrite au tome III (distance des fils).

**26844 P. — 37551 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | | II. | |
| | | 19h37m | 54°34' |
| 67 | 8-10 | 42s,06 G | 48",1 G |
| | | III. | |
| | | 19h38m | 54°32' |
| 74 | 8-21 | 14s,92 M | 44",6 M |

**26845 P. — 7826 Rümker.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | | I. | |
| | | 19h37m | 29°51' |
| 40 | 11-10 I | 47s,32 G | 12",2 F |
| | | II. | |
| | | 19h38m | 29°49' |
| 64 | 3-25 I | 1s,15 M | 11",0 M |

**26846 P. — 37492-93 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | | II. | |
| | | 19h37m | 93°26' |
| 55 | 8-23 | 28s,45 G | |
| | 9-15 | | 15",1 G |
| 56 | 7-31 | 28,69 G | |
| 57 | 8-25 | 28,48 G | |
| 59 | 7-12 | 28,60 G | 13,8 G |
| | | III. | |
| | | 19h38m | 93°24' |
| 69 | 8-20[1] | 15s,77 M | 11",2 M |
| 76 | 8- 5 | 15,85 G | 11,3 G |
| | 8- 8 | | 8,8 G |
| | 8-10 | 15,82 G | 9,9 G |
| | 8-17 | 15,59 G | 11,1 G |

[1] D diminuée de 4'.

**26847 P. — 37559 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | | III. | |
| | | 19h38m | 50°16' |
| 79 | 8-26 | 16s,36 G | 9",3 G |

**26848 P. — 37552-53 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | | III. | |
| | | 19h38m | 55°52' |
| 68 | 8- 4 | 19s,35 G | |
| 75 | 8-25 | 19,29 M | 26",0 M |
| | 9- 2 | 19,25 M | 26,6 M |

**26849 P. — 37504 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| | | I. | |
| | | 19h36m | 85°23' |
| 41 | 7-15 | 51s,01 G | |
| | 7-16[1] | 50,92 G | 15",5 F |
| | 7-18 | 50,97 G | |
| | | II. | |
| | | 19h37m | 85°21' |
| 58 | 9-13 | | 11",9 G |
| 60 | 9-29 | | 14,6 G |

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|

### 26849 P. (suite).

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | **III.** | |
| | 19h 38m | 85° 19′ |
| 79 7-17 | 19s,97 G | 8″,2 G |
| 9- 7 | 20,16 J | 7,4 J |

[1] 𝒜 augmentée de 0s,33 : erreur de moy.

### 26850 P. — 37590 à 92 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | **I.** | |
| | 19h 37m | 39° 49′ |
| 39 9- 6[1] | | 56″,0 F |
| 48 10-11 | 41s,75 G | |
| | **III.** | |
| | 19h 38m | 39° 45′ |
| 81 8- 1 | 29s,46 G | 52″,2 G |

[1] 𝒜 augmentée de 2″ : erreur de réduction. Observation faite près du zénith sans indication de la position de l'observateur : on n'a pas tenu compte de la valeur de l'équation personnelle dans le calcul de la distance polaire.

### 26851 P. — 37542-43 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | **I.** | |
| | 19h 37m | 64° 35′ |
| 39 7-10 | 16s,18 G | |
| 9-15[1] | 16,17 G | |
| 46 7 11 | 16,34 G | |
| 48 10- 3 | 16,36 G | |
| 51 8-21 | 16,37 G | |
| | **III.** | |
| | 19h 38m | 64° 31′ |
| 79 9- 7 | 31s,20 G | 32″,5 G |
| 80 7-28 | 30,99 G | 32,3 G |
| 9- 5 | 30,93 M | 33,6 M |

[1] 𝒜 augmentée de 1m.

### 26852 P. — 21625 Mn1.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | **I.** | |
| | 19h 36m | 97° 56′ |
| 43 8-14[1] | 56s,51 G | |

[1] 𝒜 diminuée de 10s : erreur de moy.

### 26853 P. — 37509 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | **II.** | |
| | 19h 37m | 92° 51′ |
| 57 8-25 | 47s,56 G | 42″,6 G |
| 58 9- 8 | 47,71 G | 43,4 G |

### 26854 P. — 37481 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | **II.** | |
| | 19h 37m | 117° 36′ |
| 55 6-30 | | 11″,4 G |
| | **III.** | |
| | 19h 38m | 117° 34′ |
| 80 8-10 | 36s,55 M | 0″,9 M |

### 26855 P. — 37510-11 et 14 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | **II.** | |
| | 19h 37m | 93° 22′ |
| 55 9-27 | | 12″,4 G |
| 57 8-11 | | 14,4 G |
| | **III.** | |
| | 19h 38m | 93° 20′ |
| 68 8- 4 | 37s,00 M | 5″,7 M |
| 75 8- 9 | 36,84 G | 5,1 G |
| 77 8-13 | 37,08 M | 5,6 M |
| 8-16 | 36,82 M | 4,5 M |
| 8-17 | 36,96 M | 4,8 M |
| 78 7-28 | 36,92 G | 5,6 G |

### 26856 P. — 37526 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | **II.** | |
| | 19h 37m | 81° 36′ |
| 56 7- 5 | | 21″,4 G |
| 9- 1 | 56s,07 G | 22,9 G |
| | **III.** | |
| | 19h 38m | 81° 34′ |
| 79 7-13 | 39s,58 G | 17″,1 G |

### 26857 P. — 968 W1.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | **I.** | |
| | 19h 37m | 83° 8′ |
| 41 8-19 | 14s,23 G | |

### 26858 P. — 967 W1.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | **II.** | |
| | 19h 37m | 89° 34′ |
| 57 8-20 | 55s,94 G | 58″,2 G |

### 26859 P. — 37515-16 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | **II.** | |
| | 19h 37m | 97° 21′ |
| 56 8-23 | 56s,36 G | |
| | **III.** | |
| | 19h 38m | 97° 19′ |
| 74 7-21 | 44s,73 G | 3″,4 G |
| 8-21 | 44,60 G | 2,1 G |
| 8-25 | 44,70 G | 0,8 G |
| 8-29 | 44,68 G | 0,5 G |

### 26860 P. — 37535-36 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | **II.** | |
| | 19h 38m | 77° 1′ |
| 56 6-26 | 3s,39 G | 49″,0 G |

### 26861 P. — 37534 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | **II.** | |
| | 19h 38m | 79° 25′ |
| 56 7-16 | 3s,35 G | |
| 58 7- 7 | | 17″,8 G |
| 8-16 | 3,22 G | 17,1 G |

### 26862 P. — 37576 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | **II.** | |
| | 19h 38m | 50° 20′ |
| 67 8-19[1] | 15s,35 G | 5″,2 G |

[1] 𝒜 diminuée de 1m.

### 26863 P. — 975 W1.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | **II.** | |
| | 19h 38m | 77° 4′ |
| 56 6-26 | 4s,47 G | |

### 26864 P. — 2507 Br.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | **III.** | |
| | 19h 38m | 77° 4′ |
| 71 8-16 | 46s,82 G | |

### 26865 P. — 37560 à 62 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | **I.** | |
| | 19h 37m | 63° 13′ |
| 39 7-16 | 34s,97 G | |
| 8-24 | 35,04 G | |
| 40 8-17 | 35,11 G | |
| 8-20 | 35,01 G | |
| | **II.** | |
| | 19h 38m | 63° 11′ |
| 58 10- 2 | | 49″,8 G |
| 61 7-18 | 11s,97 G | 50,0 G |
| | **III.** | |
| | 19h 38m | 63° 9′ |
| 71 8-29 | 48s,63 M | 44″,1 M |

### 26866 P. — 37570 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | **III.** | |
| | 19h 38m | 58° 13′ |
| 81 8-14 | 49s,78 J | 5″,5 J |

### 26867 P. — 37491 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | **II.** | |
| | 19h 37m | 115° 12′ |
| 58 8- 5 | 55s,89 G | 50″,1 G |
| | **III.** | |
| | 19h 38m | 115° 10′ |
| 79 8-20 | 50s,57 J | 47″,4 J |

### 26868 P. — 21652 Mn1.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | **II.** | |
| | 19h 38m | 79° 22′ |
| 58 8-16 | 12s,68 G | |

### 26869 P. — 37532 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | **II.** | |
| | 19h 38m | 87° 25′ |
| 59 7- 2 | | 23″,0 G |
| 60 9-12 | 10s,99 G | 24,8 G |
| | **III.** | |
| | 19h 38m | 87° 23′ |
| 80 8-23 | 55s,79 M | 18″,1 M |

### 26870 P. — 37548 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | **I.** | |
| | 19h 37m | 79° 35′ |
| 39 9- 4[1] | 35s,74 G | |
| 40 8-16 | 35,52 G | |
| 41 9-11 | | 37″,1 F |
| | **II.** | |
| | 19h 38m | 79° 33′ |
| 58 7-17 | 18s,12 G | 33″,3 G |
| 59 7-17 | 18,15 G | |
| 61 8-14 | 18,27 G | |
| | **III.** | |
| | 19h 39m | 79° 31′ |
| 71 8-19 | 0s,83 G | |

[1] Erreur de signe dans la déclinaison approchée inscrite au tome III. Le registre porte ★ (D) = +10° 22′.

### 26871 P. — 37512 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | **I.** | |
| | 19h 37m | 110° 7′ |
| 39 6-26 | 18s,96 G | |
| 7- 2 | 18,95 G | |
| 7- 3 | 18,97 G | |
| 7-27 | 18,96 G | |
| 7-28 | 18,81 G | |
| 7-30 | 18,97 G | 42″,1 F |
| 7-31 | 18,99 G | |
| 40 7- 3 | 19,17 G | |
| 41 8-21 | 18,85 G | |
| 8-22 | 18,94 G | |
| 48 7 11 | 18,99 G | |
| | **II.** | |
| | 19h 38m | 110° 5′ |
| 58 8-19 | 11s,64 G | 38″,3 G |
| 60 7-30 | 11,62 G | |
| | **III.** | |
| | 19h 39m | 110° 3′ |
| 69 6-25 | 4s,14 M | 34″,8 M |
| 70 6-15 | 4,21 G | 35,4 G |
| 71 8-26 | 4,23 G | 34,5 G |
| 8-27 | 4,28 G | 36,0 G |
| 81 8- 7 | 4,08 G | 35,8 G |
| 8- 8 | 4,10 J | 36,5 J |

### 26872 P. — 37610 et 12 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | **III.** | |
| | 19h 39m | 43° 5′ |
| 80 8- 3 | 5s,79 G | 14″,9 G |
| 8-20 | | 15,5 G |
| 8-23 | 5,57 G | 15,1 G |
| 81 8- 2 | 5,65 G | 16,2 G |

**26873 P. — 37566 L.**

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|
| III. | 19h39m | 71°34' |
| 71 9- 5¹ | 10s,67 G | 18",0 G |
| 81 9-15 | 10,23 M | 17,8 M |

¹ 𝒜 non comprise dans la moyenne : fils très discordants.

**26874 P. — 21678 Mn₁.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 19h39m | 98°42' |
| 68 8-13 | 17s,98 M | 9",8 M |

**26875 P. — 37545 à 47 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h38m | 93°13' |
| 58 10- 8 | | 10",2 G |
| 60 7-21 | 32s,85 G | 12,1 G |
| III. | 19h39m | 93°11' |
| 68 8-10 | 20s,14 M | 4",8 M |

**26876 P. — 37517 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h38m | 116°49' |
| 57 8-12 | 25s,34 G | 36",4 G |

**26877 P. — 37597 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 19h39m | 51°58' |
| 68 7-30 | 21s,53 G | 33",4 G |
| 76 8- 3 | 21,50 M | 33,4 M |
| 8- 9 | 21,22 M | 33,4 M |

**26878 P. — 37555 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h38m | 87°26' |
| 60 9-12 | 37s,06 G | |

**26879 P. — 37531 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h38m | 106°32' |
| 54 9-18 | 32s,36 G | |
| 56 8- 5 | | 45",7 G |
| 58 7-11 | | 45,4 G |
| 9-11 | | 45,1 G |
| 9-12 | | 44,2 G |
| III. | 19h39m | 106°30' |
| 70 8-17 | 23s,99 M | 39",5 M |
| 8-18 | 24,01 M | 39,5 M |
| 8-20 | 23,80 M | 40,8 M |

**26880 P. — 37573-74 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 19h39m | 68°50' |
| 80 8-31 | 24s,92 J | 56",3 J |
| 9- 2 | 25,09 J | 55,5 J |

**26881 P. — 37540 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h38m | 102°13' |
| 54 8-29 | 40s,06 G | 15",4 G |
| III. | 19h39m | 102°11' |
| 70 8-19 | 30s,47 M | 9",0 M |

**26882 P. — 37611 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 19h39m | 52°17' |
| 81 7-28 | 34s,02 J | 31",5 J |
| 8- 2 | 33,92 J | 31,8 J |
| 8- 5 | 33,80 J | 31,3 J |

**26883 P. — 37619-20 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h39m | 48°33' |
| 66 8- 7 | 4s,75 G | |
| 67 9-12 | 4,69 M | 38",9 M |

**26884 P. — 37569 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h38m | 82°43' |
| 56 5-23 | | 23",6 G |
| 8-26 | 51s,12 G | |
| III. | 19h39m | 82°41' |
| 80 9- 9¹ | 35s,09 M | 18",7 M |

¹ 𝒜 diminuée de 0s,50 : erreur de 1s sur les trois premiers fils. 𝒟 augmentée de 2' : erreur de transcription.

**26885 P. — 37628-29 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 19h39m | 43°3' |
| 80 8-30 | 40s,61 G | 13",1 G |
| 81 8- 5 | 40,66 G | 11,6 G |

**26886 P. — 37571 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h38m | 86°5' |
| 57 10- 6¹ | | 16",6 G |

¹ 𝒟 diminuée de 5'.

**26887 P. — 1255 W₂.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h39m | 63°6' |
| 61 7-18 | | 44",9 G |

**26888 P. — 37589 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h39m | 69°25' |
| 59 7-25 | | 18",9 G |

**26889 P. — 37544 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 19h39m | 110°10' |
| 69 7-29 | 48s,10 M | 58",4 M |
| 8- 6 | 48,05 M | |

**26890 P. — 37621-22 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h39m | 55°55' |
| 67 7-30 | 22s,80 G | 17",5 G |

**26891 P. — 37565 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h39m | 102°29' |
| 54 9- 6 | | 13",9 G |
| 9-19 | 7s,04 G | 14,2 G |
| 67 7-30 | 6,96 M | 11,2 M |
| III. | 19h39m | 102°27' |
| 70 7-15 | 57s,13 M | 5",7 M |

**26892 P. — 37579 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h39m | 91°42' |
| 55 8-17 | | 52",9 G |
| III. | 19h40m | 91°40' |
| 76 7-20 | 6s,93 G | 48",7 G |
| 7-21 | 6,90 G | 47,4 G |
| 7-22 | 6,94 G | 47,9 G |

**26893 P. — 37654 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 19h40m | 37°44' |
| 80 8- 8 | 8s,91 G | 13",6 G |

**26894 P. — 37587 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 19h40m | 87°26' |
| 71 8-12 | 11s,79 M | 36",3 M |
| 75 8- 7 | 11,73 M | 39,0 M |
| 76 8-12 | 11,86 M | 38,8 M |
| 8-17 | 11,81 M | 39,4 M |

**26895 P. — 37581 à 83 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h39m | 94°0' |
| 56 8- 2 | | 7",4 G |
| III. | 19h40m | 93°57' |
| 76 7-29 | 15s,20 G | 58",8 G |
| 79 8-12 | 15,30 J | 59,5 J |
| 9- 3 | 15,31 J | 59,4 J |

**26896 P. — 19589 A. O.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h40m | 29°46' |
| 63 7- 7¹ | 1s,59 M | 11",6 M |

¹ 𝒟 augmentée de 9",3. L'observation a été faite à l'aide du pointeur, et l'on n'a pas tenu compte, dans la réduction, de la correction relative à la distance du pointeur à l'index.

**26897 P. — 37598 à 605 L.**

50 γ Aigle.

Étoile fondamentale.

**26898 P. — 37624 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h39m | 68°4' |
| 59 9-16 | | 52",8 G |

**26899 P. — 37630 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h39m | 58°54' |
| 67 8-31 | 49s,24 G | 48",1 G |
| III. | 19h40m | 58°52' |
| 79 7-27 | 24s,21 M | 41",2 M |
| 80 8- 8 | 24,33 M | 38,3 M |

**26900 P. — 37527 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 19h40m | 66°12' |
| 74 8-13 | 36s,82 M | 24",1 M |
| 75 7-24 | 36,67 G | 22,5 G |
| 8- 9 | 36,72 G | 22,5 G |

**26901 P. — 1283 W₂.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h40m | 63°15' |
| 61 7-18 | 1s,04 G | |

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|

**26902 P. — 19965 A. O.**

| | III. | |
|---|---|---|
| | 19h 40m | 108° 42' |
| 69 7-30 | 38s,98 M | 34",1 M |

**26903 P. — 3661 A + 26°.**

| | II. | |
|---|---|---|
| | 19h 40m | 63° 9' |
| 61 7-18 | | 29",9 G |

**26904 P. — 37614 à 16 L.**

| | II. | |
|---|---|---|
| | 19h 40m | 93° 47' |
| 58 9-27 | | 34",9 F |
| | III. | |
| | 19h 40m | 93° 45' |
| 78 7-28 | 53s,13 G | 28",8 G |
| 79 8-11 | 53,22 M | 28,6 M |

**26905 P. — 37617 L.**

| | III. | |
|---|---|---|
| | 19h 40m | 92° 6' |
| 76 8-17 | 54s,44 G | 46",1 G |
| 79 7-17 | 54,61 J | 46,3 J |

**26906 P. — 19971 A. O.**

| | III. | |
|---|---|---|
| | 19h 40m | 113° 24' |
| 69 7-31 | 55s,22 M | 54",3 M |

**26907 P. — 19973 A. O.**

| | III. | |
|---|---|---|
| | 19h 40m | 110° 59' |
| 69 8- 4 | 56s,48 M | 39",9 M |

**26908 P. — 37639 L.**

| | III. | |
|---|---|---|
| | 19h 40m | 67° 50' |
| 81 8- 6 | 56s,86 J | 4",6 J |

**26909 P. — 37677 à 80 L.**

**18 δ Cygne.**

Étoile fondamentale.

**26910 P. — 19975 A. O.**

| | III. | |
|---|---|---|
| | 19h 41m | 109° 6' |
| 69 8-20 | 7s,62 M | 44",9 G |
| 80 9- 5[1] | 7,81 M | 43,0 M |

[1] 𝒜 diminuée de 1s,39 et 𝒫 diminuée de 12",6 : erreur de réduction.

**26911 P. — 37623 L.**

| | II. | |
|---|---|---|
| | 19h 40m | 95° 34' |
| 59 7-12 | | 29",9 G |
| | III. | |
| | 19h 41m | 95° 32' |
| 68 9- 2 | 8s,59 M | 23",7 M |
| 74 8-21 | 8,73 G | |
| 8-25 | 8,60 G | |
| 8-31 | 8,61 G | 24,1 G |

**26912 P. — 7676 Berlin A.**

| | I. | |
|---|---|---|
| | 19h 39m | 71° 33' |
| 46 9- 2 | 49s,73 G | |

**26913 P. — 37626 L.**

| | II. | |
|---|---|---|
| | 19h 40m | 89° 14' |
| 58 7- 3 | 26s,03 G | 37",9 G |
| 62 9-14 | 26,11 G | 39,5 G |

**26914 P. — 37596 L.**

| | II. | |
|---|---|---|
| | 19h 40m | 119° 7' |
| 58 7- 2 | | 46",5 G |

**26915 P. — 37634 L.**

| | II. | |
|---|---|---|
| | 19h 40m | 90° 47' |
| 57 8-11 | 41s,45 G | |
| | III. | |
| | 19h 41m | 90° 44' |
| 79 9- 2 | 27s,89 J | 52",2 J |

**26916 P. — 1317 $W_2$.**

| | II. | |
|---|---|---|
| | 19h 40m | 63° 10' |
| 61 7-18 | | 57",1 G |

**26917 P. — 3666 A + 26°.**

| | II. | |
|---|---|---|
| | 19h 40m | 63° 8' |
| 61 7-18 | | 37",4 G |

**26918 P. — 37643 L.**

| | III. | |
|---|---|---|
| | 19h 41m | 84° 31' |
| 71 8-11 | 36s,59 M | 26",7 M |
| 74 8- 6 | 36,60 M | 29,8 M |
| 8-20 | 36,61 G | 31,5 G |

**26919 P. — 37686 et 89 L.**

**17 χ Cygne.**

Étoile fondamentale.

**26920 P. — 37631 L.**

| | II. | |
|---|---|---|
| | 19h 40m | 102° 27' |
| 54 8-27 | 52s,21 G | 50",2 G |
| 59 7-11 | | 50,7 G |
| 67 7-24 | | 49,4 M |
| | III. | |
| | 19h 41m | 102° 25' |
| 70 7-15 | 42s,33 M | 41",4 M |
| 78 9- 7 | 42,44 M | 41,9 M |

**26921 P. — 37692 L.**

| | III. | |
|---|---|---|
| | 19h 41m | 57° 25' |
| 68 7-30 | 47s,59 G | 0",1 G |
| 79 8-26 | 47,58 G | 1,7 G |

**26922 P. — 37671 L.**

| | I. | |
|---|---|---|
| | 19h 40m | 71° 50' |
| 39 9-18 | 28s,57 G | 38",1 F |
| 48 6-22 | 28,59 G | |
| | II. | |
| | 19h 41m | 71° 48' |
| 58 7-12 | | 30",0 G |
| 59 8-28 | | 30,9 G |
| | III. | |
| | 19h 41m | 71° 46' |
| 71 8-12 | 48s,60 G | 22",0 G |
| 8-19 | 48,78 G | |

**26923 P. — 21827 $Mn_1$.**

| | I. | |
|---|---|---|
| | 19h 40m | 79° 45' |
| 39 8-16 | 25s,74 G | |
| 8-19 | 25,71 G | |
| 40 8-15 | 25,75 G | |
| 8-16 | 25,83 G | |
| 8-20 | 25,96 G | 38",3 F |
| 8-27 | 25,83 G | |
| 8-28 | 25,87 G | |
| 8-29 | 25,79 G | 39,0 F |
| 8-30 | 25,93 G | |
| 8-31 | 25,91 G | 39,7 F |
| 9-12 | 25,81 G | |
| 9-16 | 25,84 G | |
| 9-29 | 25,73 G | |
| 9-30 | 25,55 G | |
| 10- 8 | 25,88 G | |
| 10-10 | 25,74 G | |
| 10-15 | 25,68 G | |
| 41 7-29 | 25,90 G | |
| 8-13 | 25,82 G | |
| 8-19 | 25,85 G | |
| 8-21 | 25,77 G | |
| 8-22 | 25,83 G | |

**26923 P. (suite).**

| | I. | |
|---|---|---|
| | 19h 40m | 79° 45' |
| 41 8-24 | 25s,83 G | |
| 8-27 | 25,75 G | |
| 8-28 | 25,79 G | |
| 8-30 | 25,78 G | |
| 9-10 | 25,64 G | |
| 9-11 | 25,82 G | |
| 9-19 | 25,78 G | |
| 44 8- 3 | 25,81 G | |
| 45 7-23 | 25,86 G | |
| 7-24 | 26,00 G | |
| 7-25 | 25,88 G | |
| 9-20 | 25,82 G | |
| 46 6-28 | 25,73 G | |
| 7- 9 | 25,67 G | |
| 7-12 | 25,69 G | |
| 7-17 | 25,64 G | |
| 7-20 | 26,01 G | |
| 7-22 | 25,92 G | |
| 47 8-19 | 25,94 G | |
| 8-28 | 25,73 G | |
| 9-10 | 25,85 G | |
| 9-16 | 25,90 G | |
| 9-18 | 26,08 G | |
| 9-23 | 25,92 G | |
| 10-14 | 25,92 G | |
| 10-15 | 26,09 G | |
| 10-16 | 25,76 G | |
| 48 6-25 | 25,90 G | |
| 7-17 | 25,65 G | |
| 10- 6 | 25,90 G | |
| 50 10-10 | 25,82 G | |
| 10-11 | 25,87 G | |
| | II. | |
| | 19h 41m | 79° 43' |
| 57 8-21 | 8s,47 G | 31",6 G |
| 10- 3 | 8,61 G | |
| 58 7-25 | 8,54 G | |
| 7-26 | 8,64 G | |
| 8- 7 | 8,50 G | |
| 8-24 | 8,47 G | |
| 8-30 | 8,47 G | |
| 9-10 | 8,64 G | 31,2 G |
| 9-26 | 8,54 G | |
| 9-27 | 8,53 G | |
| 10- 8[1] | 8,83 G | |
| 10- 9 | 8,78 G | |
| 59 7-10 | 8,55 G | |
| 7-17 | 8,28 G | |
| 7-24 | 8,65 G | |
| 7-25 | 8,49 G | |
| 7-26 | 8,31 G | |
| 8-22 | 8,47 G | |
| 8-23 | 8,44 G | |
| 9-23 | 8,60 G | |
| 9-24 | 8,52 G | |
| 60 8-10 | 8,60 G | |
| 10- 2 | 8,72 G | |
| 61 7- 9 | 8,69 G | |
| 7-19 | 8,66 G | |
| 8-12[2] | 8,44 G | |
| 9- 1 | | 31,8 G |

[1] 𝒜 diminuée de 0s,20 : erreur de moy.
[2] 𝒜 augmentée de 1s : erreur de moy.

**26924 P. — 37638 L.**

| | II. | |
|---|---|---|
| | 19h 41m | 102° 39' |
| 58 7-11 | | 47",1 G |

Dates 1800+ — Positions moyennes pour les époques du Catal.

### 26924 P. (suite).

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 19h 41m | 102° 37′ |
| 70 8-19 | 52s,87 M | 38",3 M |
| 75 8-17 | 52,78 M | 39,4 M |

### 26925 P. — 37676 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h 41m | 68° 34′ |
| 59 7-25 | | 16",6 G |
| 61 7-29 | 14s,72 G | |
| III. | 19h 41m | 68° 32′ |
| 81 9-15 | 53s,71 M | 8",5 M |

### 26926 P. — 19981 A. O.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 19h 41m | 109° 20′ |
| 69 7-29 | 54s,84 M | 40",3 M |

### 26927 P. — 37675 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h 41m | 74° 26′ |
| 58 7-21 | | 8",7 G |
| III. | 19h 41m | 74° 23′ |
| 71 8-28 | 57s,67 G | 59",2 G |
| 9- 2 | 57,71 G | 59,9 G |

### 26928 P. — 37667 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h 41m | 80° 18′ |
| 57 10- 6 | | 14",3 G |
| III. | 19h 41m | 80° 16′ |
| 79 8-26 | 59s,02 J | 4",6 J |

### 26929 P. — 37649 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 19h 40m | 101° 15′ |
| 48 7-11 | 29s,25 G | |
| II. | 19h 41m | 101° 12′ |
| 56 8- 5[1] | | 55",5 G |
| 60 8- 9 | 18s,68 G | 55,1 G |
| 9-29 | | 56,3 G |
| III. | 19h 42m | 101° 10′ |
| 70 8-17 | | 45",3 M |

[1] 𝒫 diminuée de 1° : erreur de réduct.

### 26930 P. — 37653 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h 41m | 92° 10′ |
| 55 9-15 | | 10",2 G |

### 26931 P. — 5133 Sf. — 11°.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h 41m | 101° 11′ |
| 60 8- 9 | 23s,18 G | |

### 26932 P. — 37721 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 19h 42m | 50° 47′ |
| 80 9- 1 | 14s,64 J | 41",2 J |

### 26933 P. — 37673 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 19h 40m | 86° 56′ |
| 41 9-21 | 44s,51 G | |
| 9-22 | 44,38 G | |
| 10- 1 | 44,37 G | |
| 10- 6 | 44,54 G | |
| 10- 8 | 44,30 G | |
| II. | 19h 41m | 86° 54′ |
| 56 7- 3 | 29s,62 G | |
| 57 7-19 | 29,63 G | |
| 7-27 | 29,42 G | |
| 8-22 | 29,60 G | |
| 59 7- 2[1] | | 42",7 G |

[1] 𝒫 augmentée de 10" : erreur de réduct.

### 26934 P. — 37664 à 66 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h 41m | 94° 50′ |
| 56 7-26 | | 28",4 G |
| 57 7-11 | 32s,44 G | |
| III. | 19h 42m | 94° 48′ |
| 68 9- 3 | 19s,84 M | 20",1 M |
| 77 8-13 | 19,86 M | 18,6 M |
| 8-16 | 19,94 M | 19,6 M |

### 26935 P. — 37688 et 91 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 19h 40m | 76° 55′ |
| 39 8- 4[1] | 56s,75 G | |
| 8- 5 | 56,55 G | |
| 9- 9 | 56,79 G | |
| 9-10 | 56,65 G | |
| 45 8- 2 | 56,73 G | |
| 8- 4 | 56,75 G | |
| 8- 9 | 56,85 G | |
| 8-12 | 56,76 G | |
| 8-16 | 56,70 G | |
| 8-20 | 56,67 G | |
| 8-22 | 56,72 G | |
| 8-23 | 56,72 G | |
| 9- 2 | 56,75 G | |

[1] 𝒜 diminuée de 1m.

### 26936 P. — 37735 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h 41m | 45° 46′ |
| 67 9- 6 | 53s,05 M | 35",8 M |

### 26937 P. — 37714 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 19h 42m | 59° 28′ |
| 74 8-21 | 22s,22 M | 0",6 M |
| 75 8-20 | 22,32 M | 1,6 M |
| 76 8- 3 | 22,40 M | 1,1 M |

### 26938 P. — 37708 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 19h 42m | 61° 49′ |
| 81 8- 5 | 24s,55 J | 13",9 J |

### 26939 P. — 37712-13 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 19h 42m | 64° 55′ |
| 70 7-18 | 34s,11 G | 24",0 G |

### 26940 P. — 37695 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 19h 41m | 79° 41′ |
| 37 6-19 | 8s,71 G | 13",3 F |
| 6-21 | 8,64 G | |
| 6-22 | 8,65 G | 12,1 F |
| 6-23 | 8,56 G | |
| 6-25 | 8,74 G | 10,6 F |
| 6-26 | 8,74 G | |
| 7- 2 | 8,61 G | |
| 7- 3 | 8,60 G | |
| 7- 4 | 8,59 G | |
| 7- 5 | 8,72 G | |
| 7- 7 | 8,70 G | 13,9 F |
| 7- 9 | 8,54 G | |
| 7-10 | 8,59 G | 11,2 F |
| 7-12 | 8,73 G | |
| 7-15 | 8,73 G | 13,4 F |
| 7-24 | 8,62 G | |
| 7-25 | 8,71 G | |
| 7-26 | 8,57 G | |
| 7-29 | 8,72 G | |
| 8- 2 | 8,78 G | |
| 8- 6 | 8,61 G | |
| 8- 7 | 8,41 G | 12,6 F |
| 8- 8 | 8,51 G | |
| 8-10 | 8,59 G | |
| 8-11 | 8,77 G | |
| 8-13 | 8,64 G | |
| 8-16 | 8,60 G | |
| 8-18 | 8,73 G | |
| 8-19 | 8,73 G | |
| 8-21 | 8,64 G | |
| 8-25 | 8,71 G | |
| 8-27 | 8,29 G | |
| 9- 6 | 8,59 G | |
| 9- 9[1] | 8,61 G | 12,8 F |
| 9-10 | 8,64 G | |
| 9-12 | 8,73 G | |
| 9-20 | 8,65 G | |
| 10-12 | 8,67 G | |
| 10-22 | 8,72 G | |
| 10-23 | 8,49 G | |

### 26940 P. (suite).

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 19h 41m | 79° 41′ |
| 37 10-25 | 8s,63 G | |
| 11- 4 | 8,65 G | 14",9 F |
| 11- 7 | 8,60 G | |
| 38 8-13 | 8,69 G | |
| 8-15 | 8,64 G | |
| 8-16 | 8,68 G | |
| 8-27 | 8,64 G | |
| 8-30 | 8,69 G | |
| 8-31 | 8,63 G | |
| 9- 1 | 8,64 G | |
| 9- 2 | 8,72 G | |
| 9- 3 | 8,65 G | |
| 9-11 | 8,72 G | 12,9 F |
| 9-12 | 8,62 G | |
| 10- 4 | 8,66 G | |
| 10- 9 | 8,58 G | 11,6 F |
| 10-10 | 8,67 G | 15,3 F |
| 10-18 | 8,59 G | |
| 10-24 | 8,61 G | |
| 10-25 | 8,71 G | |
| 10-27 | 8,64 G | |
| 10-30 | 8,58 G | 12,3 F |
| 39 6-26 | 8,64 G | |
| 7- 1 | 8,55 G | |
| 7- 3 | 8,63 G | |
| 7- 9 | 8,64 G | |
| 7-10 | 8,61 G | |
| 7-11 | 8,73 G | |
| 7-15 | 8,63 G | |
| 7-16 | 8,71 G | |
| 7-20 | 8,60 G | |
| 7-27 | 8,72 G | |
| 7-28 | 8,58 G | |
| 7-30 | 8,68 G | 13,3 F |
| 7-31 | 8,74 G | |
| 8- 1 | 8,73 G | |
| 8- 2 | 8,63 G | |
| 8- 3 | 8,63 G | |
| 8- 8 | 8,71 G | |
| 8- 9 | 8,65 G | |
| 8-10 | 8,62 G | |
| 8-16 | 8,47 G | |
| 8-19 | 8,53 G | |
| 8-23[2] | 8,60 G | |
| 8-29 | 8,67 G | |
| 9- 4 | 8,69 G | |
| 9- 6 | | 14,3 F |
| 40 7- 3 | 8,83 G | |
| 7-15 | 8,54 G | 13,1 F |
| 7-16 | 8,60 G | 12,7 F |
| 7-17 | 8,61 G | 12,7 F |
| 7-21 | 8,62 G | |
| 7-25 | 8,59 G | |
| 7-27 | 8,55 G | |
| 7-31 | 8,60 G | |
| 8- 2 | 8,60 G | |
| 8- 3 | 8,60 G | 12,7 F |
| 8- 4 | 8,74 G | 13,8 F |
| 8- 5[3] | 8,66 G | 13,0 F |
| 8- 8 | 8,59 G | |
| 8-14 | 8,77 G | |
| 8-15 | 8,59 G | |
| 8-16 | 8,57 G | |
| 8-17 | 8,65 G | |
| 8-20 | 8,65 G | 14,5 F |
| 8-22 | 8,71 G | |
| 8-27 | 8,46 G | |
| 8-28 | 8,56 G | |
| 8-29[4] | 8,72 G | 12,8 F |
| 8-30 | 8,72 G | |
| 8-31 | | 15,0 F |
| 9- 9 | 8,75 G | |
| 9-10 | 8,63 G | |
| 9-12 | 8,50 G | |

Dates 1800 + / Positions moyennes pour les époques du Catal.

### 26940 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h41m | 79°41′ |
| 40 | 9-16 | 8s,83 G | |
| | 9-29 | 8,52 G | |
| | 9-30 | 8,53 G | |
| | 10- 6 | 8,71 G | |
| | 10- 8 | 8,52 G | |
| | 10-10 | 8,62 G | |
| 41 | 7- 3 | 8,75 G | |
| | 7- 5 | 8,64 G | |
| | 7-11 | 8,73 G | |
| | 7-15 | 8,72 G | |
| | 7-16 | 8,69 G | 11″,6 F |
| | 7-18 | 8,62 G | |
| | 7-29 | 8,74 G | |
| | 7-31 | 8,64 G | |
| | 8- 5 | 8,55 G | |
| | 8- 6 | 8,53 G | |
| | 8- 7 | 8,69 G | |
| | 8-13 | 8,62 G | |
| | 8-14 | 8,61 G | |
| | 8-18 | 8,78 G | |
| | 8-19 | 8,66 G | |
| | 8-21 | 8,53 G | |
| | 8-22 | 8,58 G | |
| | 8-24 | 8,57 G | |
| | 8-27 | 8,49 G | |
| | 8-28 | 8,63 G | |
| | 8-30 | 8,57 G | |
| | 9-10 | 8,43 G | |
| | 9-11 | 8,55 G | |
| | 9-19 | 8,58 G | |
| 42 | 9- 6 | 8,81 G | |
| | 10- 3 | 8,69 G | |
| | 10- 5 | 8,62 G | 12,0 F |
| 43 | 8-11 | 8,41 G | |
| | 8-26 | 8,75 G | 12,2 F |
| | 8-30 | | 12,9 F |
| | 9- 1 | 8,81 G | |
| | 9-19 | 8,84 G | |
| | 9-22 | 8,66 G | |
| | 10-18 | 8,53 G | |
| 44 | 7- 2 | 8,56 G | |
| | 9- 3 | 8,74 G | |
| | 9- 7 | 8,72 G | |
| | 10- 1 | 8,73 G | |
| 45 | 7-21 | 8,68 G | |
| | 7-22 | 8,67 G | |
| | 7-25 | 8,63 G | |
| | 7-29 | 8,55 G | |
| | 8- 9 | | 10,8 F |
| 46 | 8-26 | 8,62 G | |
| | 9-19 | 8,57 G | |
| | 9-26 | 8,67 G | |
| | 9-30 | 8,67 G | |
| | 10-23 | 8,62 G | |
| 47 | 8-13 | 8,63 G | |
| 48 | 6-16 | 8,68 G | |
| | 6-17 [5] | 8,61 G | |
| | 7- 7 | 8,60 G | |
| | 7-10 | 8,64 G | |
| | 7-14 | 8,49 G | |
| | 9-15 | 8,67 G | |
| 49 | 8-31 | 8,78 G | |
| | 9- 7 | 8,67 G | |
| | | II. | |
| | | 19h41m | 79°39′ |
| 56 | 6-26 | 51s,36 G | 3″,2 G |
| 58 | 8-31 | 51,22 G | |
| | 9-11 | 51,36 G | |
| | 9-25 | 51,48 G | |
| 61 | 7-13 | 51,51 G | 2,1 G |
| | 8-14 | 51,41 G | 3,5 G |

### 26940 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h42m | 79°36′ |
| 71 | 9- 5 | 34s,15 G | 53″,5 G |

[1] 𝒫 augmentée de 5′.
[2] 𝒜 diminuée de 2s : erreur de réduct.
[3] 𝒫 diminuée de 5′.
[4] 𝒜 augmentée de 6s : erreur de réduct.
[5] 𝒜 diminuée de 1m.

### 26941 P. — π Aigle.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h41m | 78°33′ |
| 40 | 8- 9 | 23s,91 G | |
| 41 | 9- 8 | 23,70 G | |
| 48 | 10- 5 | 23,82 G | |

### 26942 P. — 37659 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h41m | 113°7′ |
| 57 | 8-12 | 55s,04 G | 41″,0 G |
| | | III. | |
| | | 19h42m | 113°5′ |
| 79 | 9- 3 | 48s,72 J | 30″,3 J |

### 26943 P. — 37718 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h42m | 71°41′ |
| 58 | 7-16 | 13s,94 G | |
| | | III. | |
| | | 19h42m | 71°39′ |
| 71 | 8- 1 | 53s,87 G | |
| | 8-27 | | 18″,5 G |
| 75 | 8- 9 | 53,85 G | 19,7 G |
| | 8-26 | 53,87 G | |

### 26944 P. — 37723 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h42m | 68°6′ |
| 81 | 7-21 | 58s,98 J | 37″,6 J |

### 26945 P. — 37697 à 99 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h42m | 94°52′ |
| 57 | 8- 2 | 11s,90 G | |
| 58 | 9- 8 | 11,95 G | |
| | | III. | |
| | | 19h42m | 94°50′ |
| 76 | 7-21 | | 28″,6 G |
| | 7-29 | 59s,36 G | 27,4 G |
| | 8-31 | 59,33 G | |
| 78 | 7-28 | 59,37 G | 27,2 G |

### 26946 P. — 37702 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h42m | 86°41′ |
| 55 | 10-22 | 15s,47 G | |
| 61 | 10-23 | 15,35 G | |

### 26947 P. — 37753 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h42m | 51°56′ |
| 67 | 7-30 | | 13″,4 G |

### 26948 P. — 1359 $W_2$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h43m | 73°44′ |
| 71 | 8- 7 | 4s,14 G | |

### 26949 P. — 37717 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h43m | 82°1′ |
| 71 | 8-10 | 6s,61 M | 60″,8 M |
| 75 | 8-25 | 6,60 M | 59,8 M |
| 76 | 8-12 | 6,65 M | 60,3 M |
| | 8-17 | 6,36 M | 60,7 M |

### 26950 P. — 37726 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h43m | 71°26′ |
| 71 | 9- 3 | 10s,03 G | |
| | 9-15 | 10,13 M | |
| | 9-15 | 10.42 G | |

### 26951 P. — 37757 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h43m | 52°0′ |
| 69 | 10-11 | 11s,74 M | 40″,2 M |
| 76 | 8- 9 | 11,37 M | 41,5 M |

### 26952 P. — 37736 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h43m | 68°19′ |
| 81 | 7-18 | 17s,05 J | 31″,6 J |
| | 7-27 | 16,98 J | 31,3 J |

### 26953 P. — 37731 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h43m | 73°40′ |
| 75 | 9-15 | 18s,15 M | 58″,2 M |
| 76 | 7-17 | 18,04 M | 57,1 M |

### 26954 P. — 37742 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h43m | 65°20′ |
| 71 | 8-26 | 18s,90 G | 51″,4 G |

### 26955 P. — 37709 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h42m | 94°58′ |
| 58 | 10- 8 | | 32″,5 G |
| 62 | 8-13 | | 32,7 G |
| | | III. | |
| | | 19h43m | 94°56′ |
| 68 | 9- 7 | 24s,49 M | 21″,6 M |
| 75 | 8-17 | 24,47 G | 21,7 G |
| 78 | 7-19 | 24,35 G | 21,8 G |

### 26956 P. — 37722 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h42m | 87°23′ |
| 56 | 8-26 | 40s,82 G | |
| 62 | 8- 6 | 40,56 G | 40″,7 G |
| | | III. | |
| | | 19h43m | 87°21′ |
| 71 | 8-11 | 25s,96 M | 30″,0 M |
| 74 | 8- 6 | 26,00 M | 29,6 M |
| 75 | 8-23 | 25,91 G | 30,1 G |

### 26957 P. — 20804 A. O.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h42m | 117°49′ |
| 60 | 7-30 | 32s,23 G | 17″,9 G |

### 26958 P. — 37794 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h43m | 42°24′ |
| 80 | 8- 3 | 47s,68 G | 0″,1 G |

### 26959 P. — 37744 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h43m | 82°19′ |
| 58 | 7-19 | 7s,28 G | |
| | | III. | |
| | | 19h43m | 82°17′ |
| 81 | 7-28 | 51s,05 M | 2″,9 M |

### 26960 P. — 37724-25 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h43m | 101°6′ |
| 67 | 7-24 | 4s,43 M | 55″,8 M |
| | | III. | |
| | | 19h43m | 101°4′ |
| 79 | 7-17 | 54s,12 J | 43″,3 J |
| 81 | 8-18 | 54,22 M | 45,6 M |

Dates 1800+ — Positions moyennes pour les époques du Catal.

**26961 P. — 37707 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h43m | 117°26′ |
| 55 | 9-25 | 3s,96 G | |
| 60 | 7-21 | 4,04 G | 2″,4 G |

**26962 P. — 37748 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h44m | 86°57′ |
| 71 | 8-12 | 0s,57 M | 0″,5 M |
| 75 | 9-17 | 0,66 M | 1,5 M |

**26963 P. — 37785 et 87 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h43m | 55°2′ |
| 67 | 8-27 | 30s,55 G | 18″,8 G |

**26964 P. — 37783 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h43m | 56°54′ |
| 67 | 8-19 | 30s,12 G | 38″,9 G |

**26965 P. — 37745 à 47 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h43m | 95°2′ |
| 58 | 9-27 | | 41″,7 G |
| 59 | 7-12[1] | | 42,0 G |
| 62 | 9-13 | 24s,00 G | 42,8 G |
| | 9-16 | 24,06 G | 42,9 G |
| | | III. | |
| | | 19h44m | 95°0′ |
| 74 | 8-21 | 11s,75 G | 33″,2 G |
| | 8-25 | 11,63 G | 30,8 G |
| | 8-31 | 11,63 G | 31,0 G |

[1] 𝒫 augmentée de 1° : erreur de réduct.

**26966 P. — 37760 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h44m | 78°31′ |
| 71 | 7-31 | 11s,85 G | |
| | 8-10 | 12,12 G | |
| | 8-21 | 11,92 G | |

**26967 P. — 37758 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h42m | 82°29′ |
| 39 | 8- 1 | 46s,32 G | |
| | 8- 2 | 46,28 G | |
| 40 | 8- 3 | 46,29 G | |
| 46 | 10- 7 | | 4″,0 G |

**26967 P. (suite).**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h43m | 82°26′ |
| 57 | 8- 6 | | 52″,0 G |
| 58 | 9-13 | | 53,4 G |
| 59 | 7- 8 | 29s,70 G | |
| 60 | 8-26 | | 54,9 G |
| 62 | 8-12 | 29,83 G | 52,9 G |
| | | III. | |
| | | 19h44m | 82°24′ |
| 79 | 7-29 | 13s,49 G | |

**26968 P. — 37749-50 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h43m | 94°53′ |
| 57 | 8- 2 | | 53″,8 G |
| | | III. | |
| | | 19h44m | 94°51′ |
| 79 | 8-11 | 14s,59 M | 40″,5 M |

**26969 P. — 37796 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h43m | 50°25′ |
| 67 | 8- 9 | 52s,11 G | 57″,7 G |

**26970 P. — 37756 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h43m | 94°58′ |
| 57 | 7-31 | | 2″,5 G |

**26971 P. — 37762 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h43m | 89°30′ |
| 58 | 7-13 | | 27″,0 G |
| 62 | 8- 3 | 46s,48 G | 28,5 G |
| | | III. | |
| | | 19h44m | 89°28′ |
| 79 | 8-16 | 32s,40 J | 14″,5 J |

**26972 P. — 8402 Brux.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h43m | 81°27′ |
| 55 | 10-21 | 49s,88 G | |
| 57 | 7-21 | 49,71 G | |
| | 8-20 | 49,87 G | |
| | 8-21 | 49,96 G | |
| 58 | 7- 1 | | 59″,6 G |
| | 7-14 | 49,86 G | |
| | 7-25 | 50,00 G | |
| | 8- 7 | 49,95 G | |
| | 8-30 | 49,86 G | |
| | 9-26 | 49,91 G | |
| | 9-27 | 49,99 G | |
| 59 | 7-26 | 49,81 G | |
| | 8-22 | 49,95 G | |
| 61 | 7-15 | 49,87 G | |
| | 7-19 | 50,01 G | |
| | 9- 5 | 50,05 G | 64,1 G |

**26972 P. (suite).**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h44m | 81°25′ |
| 79 | 8-20 | 33s,31 G | |

**26973 P. — 37786 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h43m | 72°38′ |
| 58 | 7-12 | | 25″,3 G |
| | 7-21 | | 25,4 G |
| | | III. | |
| | | 19h44m | 72°36′ |
| 71 | 8-12 | 38s,14 G | 13″,7 G |
| | 8-13 | 38,01 G | 14,0 G |
| | 8-16 | 37,96 G | |
| | 8-19 | 37,66 G | |

**26974 P. — 37765 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h43m | 85°54′ |
| 59 | 7- 2 | | 22″,8 G |
| | | III. | |
| | | 19h44m | 85°52′ |
| 79 | 9- 2 | 38s,44 J | 11″,5 J |

**26975 P. — 4168 A + 3°.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h44m | 86°21′ |
| 71 | 9- 2 | 39s,79 M | 54″,5 M |

**26976 P. — 37763 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h43m | 92°48′ |
| 55 | 8-17 | | 41″,0 G |
| 60 | 8- 9 | 53s,21 G | 42,9 G |
| 62 | 9-20 | 53,22 G | 43,8 G |
| | | III. | |
| | | 19h44m | 92°46′ |
| 68 | 9- 8 | 40s,36 M | 30″,8 M |
| 76 | 7-20 | 40,11 G | 31,7 G |
| | 7-26 | 39,98 G | 30,4 G |

**26977 P. — 37771 à 75 et 78 L.**

**53 α Aigle.**

Étoile fondamentale.

**26978 P. — 1106 $W_1$.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h43m | 103°25′ |
| 47 | 8-17 | 5s,33 G | 17″,4 F |

**26979 P. — 37795 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h44m | 63°13′ |
| 70 | 7-29 | 47s,11 G | 45″,3 G |
| 75 | 7-29 | 47,20 G | 44,3 G |
| | 8-11 | 46,96 G | 43,9 G |

**26980 P. — 37759 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h43m | 101°18′ |
| 58 | 7-11 | | 11″,2 G |
| | 9-12 | | 11,5 G |
| 59 | 7-11 | | 10,1 G |
| 67 | 7-29 | 58s,89 M | 10,6 M |

**26981 P. — 1422 $W_2$.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h44m | 74°10′ |
| 71 | 8-28 | 52s,27 G | 29″,6 G |

**26982 P. — 37793 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h44m | 73°2′ |
| 76 | 7-21 | 53s,82 M | 46″,8 M |

**26983 P. — 57 Sagittaire.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h43m | 109°26′ |
| 44 | 9-21 | 11s,24 G | |
| 46 | 9- 2 | 11,18 G | |
| 49 | 7- 5 | 11,21 G | |
| | 7- 6 | 11,20 G | |
| | | III. | |
| | | 19h44m | 109°21′ |
| 69 | 6-25 | 56s,02 M | 39″,0 M |
| | 8-19 | 55,94 M | 39,6 M |

**26984 P. — 37828 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h45m | 45°56′ |
| 81 | 7-17 | 1s,61 G | 2″,8 G |

**26985 P. — 1451 $W_2$.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h45m | 45°56′ |
| 81 | 7-17 | | 12″,4 G |

**26986 P. — 37816-17 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I | |
| | | 19h43m | 51°40′ |
| 46 | 8-30 | | 38″,5 G |

Dates 1800 + — Positions moyennes pour les époques du Catal.

**26986 P. (suite).**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| II. | 19h44m | 51°38' |
| 67 8-5 | 30s,20 G | 25",7 G |
| 8-24 | 30,29 G | 25,1 G |
| III. | 19h45m | 51°36' |
| 74 8-26 | 1s,97 M | 11",4 M |

**26987 P. — 54 o Aigle.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| I. | 19h43m | 79°58' |
| 46 7-9 | | 4",1 F |
| 7-11 | | 4,6 F |

**26988 P. — 37825 L.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| III. | 19h45m | 48°43' |
| 80 8-8 | 4s,42 G | 31",0 G |
| 81 7-29 | 4,29 G | |

**26989 P. — 37791 L.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| III. | 19h45m | 86°13' |
| 71 8-9 | 12s,82 M | 42",3 M |
| 8-10 | 12,84 M | 40,9 M |
| 74 8-20 | 12,92 G | 39,6 G |

**26990 P. — 37804 L.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| III. | 19h45m | 70°6' |
| 71 9-3 | | 17",2 G |
| 75 7-27 | 15s,32 G | 16,9 G |
| 8-9 [1] | 15,25 G | 17,1 G |
| 9-6 | 15,21 G | 17,0 G |

[1] ℘ diminuée de 3" : erreur de réduct.

**26991 P. — 37801 L.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| II. | 19h44m | 75°11' |
| 58 7-17 | 38s,88 G | 10",6 G |
| III. | 19h45m | 75°8' |
| 71 9-2 | 20s,18 G | 58",3 G |
| 9-12 | 20,28 G | |

**26992 P. — 22063 Mn₁.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| II. | 19h44m | 109°43' |
| 54 9-1 | 28s,48 G | |

**26993 P. — 20030 A.O.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| III. | 19h45m | 113°28' |
| 69 7-29 | 22s,17 M | 27",6 M |

**26994 P. — 37809 L.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| III. | 19h45m | 70°16' |
| 71 8-1 | 22s,35 G | |
| 9-5 | 22,33 G | 37",8 G |
| 75 8-20 | 22,45 M | 38,5 M |
| 76 8-3 | 22,38 M | 37,6 M |

**26995 P. — 37822 L.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| II. | 19h44m | 59°35' |
| 67 9-6 | 54s,96 G | 13",9 G |
| III. | 19h45m | 59°33' |
| 79 7-27 | 30s,55 M | 0",4 M |

**26996 P. — 37782 L.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| III. | 19h45m | 111°23' |
| 69 7-30 | 30s,58 M | 8",2 M |

**26997 P. — 37790 L.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| II. | 19h44m | 101°18' |
| 58 9-11 | | 44",3 G |

**26998 P. — 37800 L.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| III. | 19h45m | 88°42' |
| 71 8-11 | 40s,11 M | 52",8 M |
| 79 9-3 | 40,10 J | 52,9 J |

**26999 P. — 37820-21 L.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| III. | 19h45m | 67°42' |
| 81 7-27 | 41s,23 J | 22",5 J |

**27000 P. — 37842 L.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| II. | 19h45m | 54°15' |
| 67 8-12 | 10s,36 G | 17",0 G |

**27001 P. — 37810 L.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| II. | 19h44m | 82°17' |
| 61 10-23 | 59s,70 G | |

**27002 P. — 37830 L.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| III. | 19h45m | 63°30' |
| 81 7-21 | 52s,31 J | 13",7 J |

**27003 P. — 37807 L.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| II. | 19h45m | 95°54' |
| 58 7-30 | | 29",8 G |
| 10-8 | | 30,1 G |
| III. | 19h46m | 95°52' |
| 74 8-21 | 0s,31 G | 17",3 G |
| 8-22 | 0,02 G | 16,6 G |
| 8-25 | 0,16 G | 16,6 G |
| 8-31 | 0,30 G | 17,0 G |

**27004 P. — 37819 L.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| I. | 19h44m | 82°56' |
| 40 8-17 | 35s,21 G | |
| 8-20 | 35,08 G | 10",5 F |
| 8-27 | 35,04 G | |
| 8-28 | 35,06 G | |
| 8-29 | | 10,0 F |
| 8-30 | 35,16 G | |
| 41 9-21 | 35,13 G | |
| 9-22 | 35,03 G | |
| 10-1 | 35,06 G | |
| 10-6 | 35,18 G | |
| II. | 19h45m | 82°53' |
| 58 9-13 | 19s,01 G | 55",0 G |

**27005 P. — 37831 L.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| III. | 19h46m | 70°10' |
| 71 8-7 | 4s,79 G | |
| 9-11 | 4,58 G | |
| 9-15 | 4,78 G | 26",9 G |

**27006 P. — 37812 et 14 L.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| I. | 19h44m | 89°23' |
| 50 8-13 | 34s,52 G | |
| 8-14 | 34,49 G | |

**27007 P. — 37815 L.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| III. | 19h46m | 89°40' |
| 71 8-12 | 9s,30 M | |
| 75 8-25 | 9,43 M | 9",5 M |
| 76 7-17 | 9,65 M | 12,1 M |
| 8-12 | 9,29 M | 9,9 M |

**27008 P. — 37841 L.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| III. | 19h46m | 68°9' |
| 81 7-19 | 12s,75 J | 36",9 J |

**27009 P. — 306 Piazzi.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| I. | 19h44m | 78°44' |
| 41 8-19 | 48s,15 G | |
| 8-21 | 48,07 G | |
| 8-22 | 48,10 G | |
| 8-24 | 48,08 G | |
| 8-27 | 48,04 G | |
| 8-28 | 48,06 G | |
| II. | 19h45m | 78°42' |
| 58 8-31 | 30s,10 G | |

**27010 P. — 1151 W₁.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| II. | 19h45m | 80°6' |
| 59 7-26 [1] | 31s,65 G | |

[1] Æ augmentée de 0s,40 : erreur de 1s sur deux fils.

**27011 P. — 37866 L.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| II. | 19h45m | 52°31' |
| 67 8-13 | 45s,02 G | 42",3 G |
| III. | 19h46m | 52°29' |
| 80 8-11 [1] | 17s,41 M | 29",4 M |

[1] ℘ diminuée de 10" : erreur de moy.

**27012 P. — 307 Piazzi.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| I. | 19h44m | 80°2' |
| 38 10-10 | 52s,40 G | |
| 39 9-4 | 52,39 G | |
| 9-6 [1] | | 33",0 F |
| 9-9 | 52,34 G | |
| 9-10 | 52,27 G | |
| 40 8-1 | 52,30 G | |
| 8-8 | 52,30 G | |
| 8-9 | 52,30 G | |
| 8-22 | 52,33 G | |
| 8-29 | 52,39 G | |
| 9-29 | 52,20 G | |
| 9-30 | 52,17 G | |
| 10-10 | 52,26 G | |
| 10-15 | 52,22 G | |
| 41 8-13 | 52,18 G | |
| 8-30 | 52,22 G | |
| 9-10 | 52,10 G | |
| 9-11 | 52,14 G | |
| 9-13 | 52,20 G | |
| 9-19 | 52,28 G | |
| II. | 19h45m | 80°0' |
| 59 7-25 | 35s,14 G | |
| 7-26 | 35,19 G | |
| 61 8-28 | 35,19 G | |

[1] ℘ diminuée de 30" (1t de vis des microscopes).

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. Æ. | 𝒫. |
|---|---|---|
| **27013 P. — 20047 A. O.** | | |
| III. | 19h46m | 110°41' |
| 69 7-31 | 23s,10 M | 5",9 M |
| **27014 P. — 37850 L.** | | |
| III. | 19h46m | 64°5' |
| 71 8-26 | 25s,34 G | |
| **27015 P. — 37843-44 L.** | | |
| III. | 19h46m | 74°59' |
| 71 8-10 | 25s,36 G | 47",9 G |
| 8-27 | 25,43 G | 48,3 G |
| **27016 P. — 22119 Mn1.** | | |
| II. | 19h45m | 79°25' |
| 58 9-27 | 44s,73 G | |
| **27017 P. — 7654 Sj.** | | |
| I. | 19h45m | 81°15' |
| 40 8-15 | 1s,67 G | |
| 8-16 | 1,54 G | |
| 9-12 | 1,64 G | |
| 9-16 | 1,81 G | |
| 9-21 | 1,87 G | |
| 41 8- 5 | 1,74 G | |
| 47 10-14 | 1,93 G | |
| 10-15 | 2,03 G | |
| 10-16¹ | 1,61 G | |

¹ Æ augmentée de 1m : err. de transcr.

| Dates 1800 + A. M. J. | Æ. | 𝒫. |
|---|---|---|
| **27018 P. — 7655 Sj.** | | |
| III. | 19h46m | 84°9' |
| 75 8-23 | 30s,02 G | |
| **27019 P. — 37853 et 57 L.** | | |
| III. | 19h46m | 64°4' |
| 71 8-26 | 33s,71 M | 55",2 M |
| **27020 P. — 37826 L.** | | |
| II. | 19h45m | 95°53' |
| 55 9-15 | | 48",7 G |
| 57 8-11 | 47s,04 G | |
| III. | 19h46m | 95°51' |
| 79 7-17 | 34s,98 J | 36",1 J |
| **27021 P. — 20050 A. O.** | | |
| III. | 19h46m | 112°47' |
| 69 8-20 | 35s,92 M | 49",7 M |
| **27022 P. — 4270 A + 7°.** | | |
| II. | 19h45m | 82°1' |
| 57 8-21 | 54s,64 G | |
| **27023 P. — 7659-60 Sj.** | | |
| I. | 19h45m | 81°15' |
| 40 8-16 | 13s,92 G | |
| 9-12 | 13,86 G | |
| 9-16 | 14,16 G | |
| **27024 P. — 37854 L.** | | |
| II. | 19h46m | 70°30' |
| 58 8-16 | 1s,87 G | |
| **27025 P. — 37832 à 34 L.** | | |
| II. | 19h45m | 93°28' |
| 55 8-16 | | 26",2 G |
| 9-22 | 58s,73 G | |
| III. | 19h46m | 93°26' |
| 76 7-21 | 45s,68 G | 11",5 G |
| 7-26 | 45,87 G | 10,7 G |
| 7-29 | 45,69 G | 12,4 G |
| 8-31 | 45,84 G | 10,4 G |
| **27026 P. — 37839 L.** | | |
| II. | 19h46m | 90°2' |
| 57 8- 2 | 0s,20 G | |
| III. | 19h46m | 89°59' |
| 68 9- 2 | 46s,04 M | 44",8 M |
| 9- 4 | 46,14 M | 44,7 M |
| **27027 P. — 4188 A + 19°.** | | |
| II. | 19h46m | 70°35' |
| 58 8-16 | 7s,06 G | |
| **27028 P. — 37856 L.** | | |
| I. | 19h45m | 71°43' |
| 39 10- 9 | 27s,00 G | |
| 46 10-27 | 26,76 G | |
| **27028 P. (suite).** | | |
| II. | 19h46m | 71°41' |
| 58 7-16¹ | 7s,12 G | |
| 59 8-16 | | 7",2 G |

¹ Æ augmentée de 0s,34 : err. de moy.

| Dates 1800 + A. M. J. | Æ. | 𝒫. |
|---|---|---|
| **27029 P. — 7663 Sj.** | | |
| I. | 19h45m | 81°32' |
| 44 7-30 | 32s,28 G | |
| 7-31 | 32,41 G | |
| 8- 3 | 32,32 G | |
| II. | 19h46m | 81°30' |
| 59 8-16 | 15s,71 G | |
| **27030 P. — 37889 L.** | | |
| II. | 19h46m | 56°17' |
| 67 7-30 | 26s,40 G | 14",9 G |
| **27031 P. — 37872 L.** | | |
| II. | 19h46m | 71°37' |
| 58 7-16 | 24s,48 G | |
| III. | 19h47m | 71°34' |
| 71 8-12 | 4s,62 G | 48",8 G |
| 9- 3 | 4,37 G | 47,5 G |
| **27032 P. — 37881 et 85 L.** | | |
| III. | 19h47m | 67°51' |
| 70 7-29 | 6s,63 G | 59",6 G |
| 75 9-15 | 6,64 M | 60,0 M |
| 9-17 | 6,73 M | 60,0 M |
| **27033 P. — 1168 W1.** | | |
| I. | 19h45m | 82°19' |
| 37 7- 5 | 40s,01 G | |
| 39 8- 8 | 40,08 G | |
| 8- 9 | 40,00 G | |
| 8-10 | 39,97 G | |
| 8-23 | 40,03 G | |
| 40 7- 3 | 40,18 G | |
| **27034 P. — 37855 L.** | | |
| I. | 19h45m | 85°59' |
| 40 8- 5 | 39s,64 G | |
| 41 9-21 | 39,52 G | |
| 9-22 | 39,69 G | |
| 10- 1 | 39,58 G | |
| 10- 6 | 39,59 G | |
| **27034 P. (suite).** | | |
| II. | 19h46m | 85°57' |
| 56 8-26 | 24s,54 G | |
| 57 7-19 | 24,56 G | |
| 7-27 | 24,38 G | |
| 8- 3 | 24,53 G | |
| 8- 6 | 24,39 G | 33",2 G |
| 8-22 | 24,49 G | 31,6 G |
| 10- 2 | 24,32 G | 33,3 G |
| **27035 P. — 37887-88 L.** | | |
| II. | 19h46m | 62°6' |
| 58 8-30¹ | 34s,35 G | |
| III. | 19h47m | 62°3' |
| 80 8-31 | 10s,83 J | 58",9 J |

¹ Æ diminuée de 1m : erreur de transcr.

| Dates 1800 + A. M. J. | Æ. | 𝒫. |
|---|---|---|
| **27036 P. — 37876 L.** | | |
| II. | 19h46m | 74°6' |
| 58 7-26 | 32s,14 G | |
| 60 9-29 | | 49",2 G |
| III. | 19h47m | 74°4' |
| 71 8-19 | 13s,06 G | |
| **27037 P. — 1173 W1.** | | |
| I. | 19h45m | 83°51' |
| 48 9-15 | 49s,61 G | |
| II. | 19h46m | 83°49' |
| 61 8-19 | 33s,85 G | |
| **27038 P. — 37848-49 L.** | | |
| I. | 19h45m | 98°58' |
| 39 3-24 | 43s,44 G | |
| 41 9- 8 | 43,53 G | |
| 46 7- 9 | 43,49 G | |
| 7-17 | 43,32 G | |
| 48 10- 3 | 43,54 G | |
| II. | 19h46m | 98°56' |
| 58 7- 4 | 32s,41 G | 3",7 G |
| 7-30 | | 3,4 G |
| III. | 19h47m | 98°53' |
| 79 8-16 | 21s,17 J | 47",8 J |

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|

**27039 P. — 20060 A. O.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $19^h47^m$ | 110°24′ |
| 69 7-30 | $26^s,77$ M | $59'',1$ M |

**27040 P. — 37948 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $19^h47^m$ | 37°19′ |
| 81 7- 9 | $29^s,55$ G | $41'',5$ G |

**27041 P. — 37860 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $19^h46^m$ | 100°28′ |
| 55 6-23 | $49^s,83$ G | |
| 58 9- 9 | 49,90 G | $22'',1$ G |
| 10- 6 | | 23,4 G |

**27042 P. — 37846 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $19^h46^m$ | 114°16′ |
| 55 8-17 | $45^s,98$ G | |

**27043 P. — 37917 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $19^h47^m$ | 53°55′ |
| 67 8- 5 | $8^s,05$ G | $35'',9$ G |
| | III. | |
| | $19^h47^m$ | 53°53′ |
| 69 10- 6 | $40^s,87$ M | $19'',9$ M |

**27044 P. — 37895 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $19^h47^m$ | 69°9′ |
| 81 8- 1[1] | $44^s,43$ J | $53'',8$ J |

[1] 𝒜 diminuée de $3^s,3$ : erreur de 20″ sur un microscope.

**27045 P. — 22194 $Mn_1$.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | $19^h46^m$ | 81°20′ |
| 40 8- 4 | | $17'',7$ F |
| 10-10 | $20^s,89$ G | |
| 10-15 | 20,77 G | |

**27046 P. — 1191 $W_1$.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | $19^h46^m$ | 78°47′ |
| 40 8- 3 | $22^s,78$ G | |

**27047 P. — 1188 $W_1$.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $19^h47^m$ | 81°55′ |
| 58 7-13[1] | $4^s,28$ G | $43'',6$ G |
| 9- 5 | 4,25 G | |

[1] 𝒜 augmentée de $1^m$.

**27048 P. — 37875 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | $19^h46^m$ | 98°37′ |
| 46 7-11 | $14^s,15$ G | |
| 48 8-12 | | $33'',4$ G |
| | II. | |
| | $19^h47^m$ | 98°35′ |
| 58 9- 8 | $2^s,74$ G | |
| | III. | |
| | $19^h47^m$ | 98°33′ |
| 74 8-22 | $51^s,62$ G | $4'',2$ G |
| 75 8-11 | 51,60 G | 3,8 G |

**27049 P. — 37890 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $19^h47^m$ | 84°3′ |
| 56 7- 3 | $8^s,77$ G | |
| 59 7- 2 | | $13'',5$ G |
| 61 7- 9 | 8,68 G | |
| | III. | |
| | $19^h47^m$ | 84°0′ |
| 71 8- 7 | $52^s,98$ M | $59'',4$ M |

**27050 P. — 37871 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | $19^h46^m$ | 103°57′ |
| 47 8-26 | | $0'',9$ G |
| 8-30 | $14^s,75$ G | 3,4 F |

**27051 P. — 37929-30 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $19^h47^m$ | 56°10′ |
| 67 8- 9 | $29^s,11$ G | $22'',3$ G |
| 8-19 | 29,11 G | |

**27052 P. — 37904 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $19^h48^m$ | 73°32′ |
| 71 9-12 | $5^s,86$ G | |
| 81 7-12[1] | 5,97 M | $44'',2$ M |

[1] 𝒫 augmentée de 15′.

**27053 P. — 37920 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $19^h47^m$ | 66°16′ |
| 58 11-11 | $30^s,49$ G | $58'',4$ G |

**27054 P. — 20073 A. O.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $19^h48^m$ | 111°49′ |
| 69 7-29 | $9^s,17$ M | $54'',2$ M |

**27055 P. — 37861, 63 et 64 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | $19^h46^m$ | 116°42′ |
| 39 9-18 | $20^s,14$ G | $18'',5$ F |
| 46 7-22 | 20,06 G | |
| | II. | |
| | $19^h47^m$ | 116°40′ |
| 56 8-13 | $15^s,28$ G | |
| 57 8-12 | 15,56 G | $2'',9$ G |
| 59 7-14 | 15,46 G | |
| 7-15 | 15,76 G | 3,6 G |
| 10- 4 | 15,58 G | 3,4 G |
| 10- 5 | 15,50 G | |
| 60 7-13 | 15,65 G | 1,5 G |
| | III. | |
| | $19^h48^m$ | 116°37′ |
| 68 10-22 | $10^s,54$ M | $43'',4$ M |
| 74 7-27 | 10,83 M | 44,8 M |
| 7-27 | 10,79 G | |

**27056 P. — 37897 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | $19^h46^m$ | 81°56′ |
| 40 8-14 | $44^s,14$ G | $7'',1$ F |
| 47 10-15 | 44,21 G | |
| 10-16 | 44,15 G | |
| | II. | |
| | $19^h47^m$ | 81°53′ |
| 57 8-14 | $27^s,78$ G | $51'',9$ G |
| 58 6- 7 | 27,75 G | |
| 7-13 | 27,74 G | |
| 9- 5 | 28,07 G | |

**27057 P. — 37891 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $19^h48^m$ | 91°5′ |
| 68 9- 3 | $14^s,00$ M | $43'',8$ M |
| 75 8- 9 | 13,63 G | 43,3 G |
| 77 8-13 | 13,77 M | 44,4 M |

**27058 P. — 10552 Cambridge.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $19^h48^m$ | 61°48′ |
| 79 9-17 | $14^s,78$ G | $28'',4$ G |

**27059 P. — 37947 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $19^h47^m$ | 51°32′ |
| 67 9- 6 | $44^s,09$ G | $18'',9$ G |

**27060 P. — 37913 et 15 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $19^h48^m$ | 75°1′ |
| 71 9- 2 | $17^s,72$ G | $56'',1$ G |
| 9- 5 | 17,85 G | 55,0 G |

**27061 P. — 37896 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $19^h47^m$ | 90°5′ |
| 55 9- 8 | | $21'',5$ G |
| 62 8- 3 | $34^s,37$ G | 21,9 G |
| | III. | |
| | $19^h48^m$ | 90°3′ |
| 68 8-29 | $20^s,54$ M | $6'',4$ M |

**27062 P. — 37970-71 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $19^h47^m$ | 42°25′ |
| 64 7-19 | | $41'',2$ G |
| 7-26 | | 41,3 G |
| 7-28 | | 41,2 G |
| 8- 1 | | 41,4 G |
| 8-26 | | 41,3 G |
| 65 8-30 | | 41,3 G |

**27063 P. — 1200 $W_1$.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | $19^h46^m$ | 103°57′ |
| 47 8-26 | $51^s,40$ G | |
| 8-27 | 51,48 G | $55'',2$ F |

**27064 P. — 7844 Rümker.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | $19^h47^m$ | 83°15′ |
| 41 8-20 | | $39'',8$ G |
| 50 9-15 | $5^s,87$ G | |

**27065 P. — ε Dragon.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | $19^h48^m$ | 20°7′ |
| 47 3- 1 I | $40^s,04$ G | $34'',2$ G |

**27066 P. — 37956 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $19^h48^m$ | 51°33′ |
| 69 9- 8 | $35^s,72$ M | $44'',7$ M |
| 10-11 | 35,96 M | 45,4 M |

**27067 P. — 37901 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $19^h47^m$ | 97°5′ |
| 55 9-27 | | $51'',6$ G |
| 62 9-14 | $48^s,95$ G | 50,5 G |

| Dates 1800 + A. M. J. | | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|---|

**27067 P. (suite).**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h 48m | 97° 3′ |
| 74 | 8-21 | 37s,27 G | |
| | 8-25 | 37,22 G | |

**27068 P. — 37975 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h 48m | 46° 19′ |
| 68 | 7-30 | 41s,24 M | 44″,4 M |

**27069 P. — 37916 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h 48m | 91° 10′ |
| 68 | 9- 7 | 45s,05 M | 7″,0 M |
| 79 | 7-17 | 45,00 G | 7,0 G |

**27070 P. — 37972 et 74 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 48m | 55° 46′ |
| 67 | 8-12 | 30s,35 G | 45″,7 G |
| | 8-27 | 30,29 G | 46,6 G |

**27071 P. — 37938 à 44 L.**

60 β Aigle.

Étoile fondamentale.

**27072 P. — 37960 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h 47m | 66° 4′ |
| 46 | 7-20 | 56s,50 G | |
| 50 | 8-12 | | 58″,5 G |

**27073 P. — 37902-03 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h 47m | 117° 34′ |
| 37 | 6-19 | 25s,66 G | 31″,5 F |
| | 6-25 | | 29,1 F |
| 39 | 9-18 | 25,76 G | 30,9 F |
| 53 | 7-19 | 25,60 G | 29,5 G |
| | 7-20 | 25,58 G | |
| | | II. | |
| | | 19h 48m | 117° 32′ |
| 54 | 8- 6 | 21s,11 G | 14″,4 G |
| | 8- 7 | | 15,1 G |
| | 10-28 | 21,00 G | |
| 56 | 10- 8 | | 17,4 G |
| 58 | 7-25 | 21,09 G | 14,0 G |
| | 10-15 | 20,94 G | 15,7 G |
| 60 | 7-24 | 21,43 G | 14,7 G |
| | 7-30 | 21,17 G | 14,7 G |

**27074 P. — 1215 W$_{I}$.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h 47m | 103° 45′ |
| 47 | 8-26[1] | 36s,00 G | |

[1] Erreur dans la déclinaison approchée inscrite au tome VII. On a inscrit la hauteur au lieu de la déclinaison.

**27075 P.**

λ Petite Ourse.

Étoile fondamentale.

**27076 P. — 37955 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 48m | 75° 23′ |
| 67 | 8- 5 | 37s,60 M | 38″,6 M |
| | | III. | |
| | | 19h 49m | 75° 21′ |
| 79 | 9- 3 | 19s,07 J | 20″,3 J |

**27077 P. — 38024-25 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h 49m | 42° 30′ |
| 80 | 8-20 | 19s,13 G | 58″,7 G |
| 81 | 9-15 | 19,12 G | 60,5 G |

**27078 P. — 37984-85 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 48m | 56° 35′ |
| 67 | 8-13 | 49s,07 G | 4″,4 G |

**27079 P. — 37987 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h 49m | 64° 16′ |
| 71 | 8-29 | 43s,08 M | 19″,7 M |
| 75 | 8-25 | 43,07 M | 19,3 M |
| | 9-15 | 43,21 M | 21,0 M |
| | 9-17 | 43,08 M | 20,4 M |

**27080 P. — 37977 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h 49m | 80° 7′ |
| 74 | 8- 3 | 57s,94 M | 19″,7 M |
| 79 | 9- 4 | 57,85 J | 20,2 J |

**27081 P. — 38029 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h 50m | 60° 7′ |
| 81 | 8-22 | 7s,36 J | 59″,9 J |

**27082 P. — 38039 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 49m | 53° 22′ |
| 67 | 8-19 | | 16″,0 G |
| | | III. | |
| | | 19h 50m | 53° 19′ |
| 79 | 7-27 | 14s,28 M | 57″,8 M |
| | 7-31 | | 59,1 G |

**27083 P. — 38037-38 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h 50m | 55° 25′ |
| 80 | 8-31 | 18s,02 J | 42″,8 J |

**27084 P. — 38000-01 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h 48m | 78° 59′ |
| 39 | 9-18 | 53s,77 G | 1″,1 F |
| 46 | 7-22 | 53,68 G | |
| | 11- 3 | 53,71 G | |
| | 11- 4 | 53,74 G | |
| 53 | 9-24 | 53,78 G | |
| | | II. | |
| | | 19h 49m | 78° 56′ |
| 58 | 8- 9[1] | | 43″,3 G |
| 60 | 7-13 | 36s,49 G | 42,3 G |
| | | III. | |
| | | 19h 50m | 78° 54′ |
| 71 | 8-19 | 18s,94 G | |
| | 9- 3 | 19,01 G | 24″,5 G |

[1] 𝒫 augmentée de 5″ : erreur de 10″ sur l'un des deux microscopes lus.

**27085 P. — 38016 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 49m | 73° 43′ |
| 67 | 8- 2 | 39s,74 M | 59″,8 M |
| | 9- 6 | 39,59 M | 59,8 M |

**27086 P. — 37983 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h 50m | 97° 44′ |
| 74 | 8-21 | 27s,93 G | 11″,7 G |
| | 8-22 | 27,92 G | 10,4 G |

**27087 P. — 7694-95 Sj.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h 49m | 82° 9′ |
| 40 | 7-16 | 3s,20 G | |
| | 9-29 | 3,05 G | |
| | 9-30 | 3,07 G | |
| 41 | 8-28 | 2,99 G | |
| | | II. | |
| | | 19h 49m | 82° 6′ |
| 59 | 7-25 | 46s,73 G | |

**27088 P. — 8470 Brux.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 49m | 83° 59′ |
| 59 | 8-22 | 48s,87 G | |
| | 8-23 | 49,10 G | |
| | 9-24 | 49,12 G | |
| 61 | 7-15 | 48,96 G | |

**27089 P. — 38004 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 19h 50m | 87° 28′ |
| 71 | 8- 7 | 34s,44 M | |
| 80 | 8- 9 | 34,57 M | 8″,7 M |

**27090 P. — 38035 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 50m | 68° 18′ |
| 59 | 7-25 | | 35″,1 G |
| | | III. | |
| | | 19h 50m | 68° 16′ |
| 80 | 8-13 | 39s,83 M | 18″,4 M |
| | 9- 5 | 39,79 M | 18,0 M |

**27091 P. — 22356 Mn$_{I}$.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 19h 49m | 84° 7′ |
| 43 | 8-11 | 12s,17 G | |

**27092 P. — 37994 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 49m | 97° 3′ |
| 57 | 8-11 | | 46″,6 G |
| 60 | 8-10 | 54s,33 G | 47,3 G |
| | | III. | |
| | | 19h 50m | 97° 1′ |
| 79 | 7-27 | 42s,66 J | 30″,5 J |

**27093 P. — 37990 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 49m | 100° 24′ |
| 54 | 9- 6 | 53s,88 G | 27″,0 G |
| | | III. | |
| | | 19h 50m | 100° 22′ |
| 78 | 9-12 | 43s,09 M | 13″,1 M |

**27094 P. — 38017 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 19h 50m | 90° 1′ |
| 55 | 8-16 | | 7″,7 G |
| 61 | 8-22 | 3s,42 G | 8,6 G |
| | | III. | |
| | | 19h 50m | 89° 58′ |
| 79 | 8-16 | 49s,56 J | 48″,3 J |

Colonnes : Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜, 𝒟).

**27095 P. — 37988 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | I. | $19^h 49^m$ | 105°53′ |
| 39 | 7-27 | $9^s,38$ G | |
| 47 | 10-16 | 9,00 G | |
| | II. | $19^h 50^m$ | 105°51′ |
| 66 | 6-29 | $0^s,49$ M | $31'',1$ M |
| | III. | $19^h 50^m$ | 105°49′ |
| 81 | 5-17 | $51^s,62$ M | $16'',7$ M |
| | 8- 7 | 51,55 G | 12,6 G |
| | 8- 8 | 51,58 J | 17,1 J |
| | 10- 1 | 51,56 J | |

**27096 P. — 38032 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | I. | $19^h 49^m$ | 81°57′ |
| 40 | 7-15[1] | $24^s,56$ G | |
| | 8-15 | 24,60 G | |
| | 8-16 | 24,52 G | |
| | 8-17 | 24,64 G | |
| 41 | 7-29 | 24,56 G | |
| | 8- 5 | 24,63 G | |
| | 8- 6 | 24,41 G | |
| | II. | $19^h 50^m$ | 81°55′ |
| 57 | 8-14 | $7^s,93$ G | $18'',9$ G |
| 60 | 9-29 | | 20,6 G |
| | III. | $19^h 50^m$ | 81°53′ |
| 81 | 7-16 | $51^s,83$ M | $2'',0$ M |
| | 9-16 | 51,77 M | 1,2 M |

[1] 𝒜 augmentée de $1^m$.

**27097 P. — 37980 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | III. | $19^h 50^m$ | 113°39′ |
| 79 | 8- 2 | $54^s,28$ J | $47'',8$ J |

**27098 P. — 22377 $Mn_1$.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | $19^h 50^m$ | 82°26′ |
| 57 | 8-20 | $16^s,78$ G | |

**27099 P. — 38050 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | $19^h 50^m$ | 70°11′ |
| 59 | 8-16 | | $7'',8$ G |
| | III. | $19^h 51^m$ | 70°8′ |
| 71 | 9- 2 | $2^s,18$ G | $48'',3$ G |
| | 9- 5 | 2,24 G | 47,7 G |
| | 9-12 | 2,31 G | |

**27100 P. — 38018 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | $19^h 51^m$ | 99°25′ |
| 58 | 9- 9 | | $52'',6$ F |
| | III. | $19^h 51^m$ | 99°23′ |
| 79 | 7-17 | $5^s,86$ J | $28'',6$ J |
| | 8-25 | 5,76 J | 29,5 J |

**27101 P. — 22390 $Mn_1$.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | I. | $19^h 49^m$ | 85°11′ |
| 41 | 9-21 | $39^s,23$ G | |
| | 9-22 | 39,27 G | |
| | 10- 1 | 39,16 G | |
| | 10- 6 | 39,45 G | |

**27102 P. — 22394 $Mn_1$.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | I. | $19^h 49^m$ | 82°53′ |
| 41 | 7-15 | $44^s,10$ G | |

**27103 P. — 38034 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | $19^h 50^m$ | 96°49′ |
| 55 | 9-15 | | $0'',2$ G |
| 56 | 8- 2 | $27^s,95$ G | |
| | III. | $19^h 51^m$ | 96°46′ |
| 79 | 9-17 | $16^s,03$ J | $41'',0$ J |

**27104 P. — 38063 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | III. | $19^h 51^m$ | 66°26′ |
| 81 | 8- 1 | $18^s,07$ J | $37'',4$ J |

**27105 P. — 38072 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | $19^h 50^m$ | 57°17′ |
| 67 | 7-30 | $44^s,09$ G | $44'',0$ G |
| | III. | $19^h 51^m$ | 57°15′ |
| 68 | 8- 4 | $18^s,76$ G | |
| 74 | 8-26 | 18,59 M | $24'',3$ M |
| 75 | 8- 9 | 18,50 G | 23,6 G |
| | 8-11 | 18,65 G | 24,5 G |

**27106 P. — 38085 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | III. | $19^h 51^m$ | 50°9′ |
| 81 | 8-14 | $19^s,77$ J | $28'',0$ J |

**27107 P. — 37998-99 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | I. | $19^h 49^m$ | 116°36′ |
| 37 | 9-20 | $30^s,10$ G | |
| 38 | 8-31 | 30,13 G | |
| | 9- 1 | 30,14 G | |
| | 9- 2 | 30,12 G | |
| 53 | 7-20 | 30,09 G | |
| | II. | $19^h 50^m$ | 116°34′ |
| 58 | 8-19[1] | $25^s,34$ G | $16'',2$ G |
| 59 | 7-14 | 25,08 G | 16,9 G |
| | 7-15[2] | 25,31 G | 14,0 G |
| | 10- 4 | 25,20 G | 16,5 G |
| | 10- 5 | 25,23 G | |
| | III. | $19^h 51^m$ | 116°31′ |
| 74 | 7-27 | $20^s,18$ G | |

[1] 𝒜 augmentée de $0^s,80$ : erreur de $1^s$ commise en passant du fil I au fil II.
[2] 𝒟 diminuée de 2′.

**27108 P. — 38026 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | $19^h 50^m$ | 85°53′ |
| 59 | 7- 2 | | $51'',5$ G |
| | III. | $19^h 51^m$ | 85°51′ |
| 79 | 9-18 | $21^s,23$ J | $32'',3$ J |

**27109 P. — 38046 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | III. | $19^h 51^m$ | 85°55′ |
| 74 | 8- 6 | $21^s,76$ M | $11'',9$ M |

**27110 P. — 38007 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | $19^h 50^m$ | 116°40′ |
| 58 | 8-19[1] | $27^s,39$ G | |

[1] 𝒜 augmentée de $0^s,80$ : erreur de $1^s$ commise en passant du fil I au fil II.

**27111 P. — 38083 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | I. | $19^h 50^m$ | 51°55′ |
| 37 | 6-22 | $19^s,38$ G | |
| | 6-23 | 19,40 G | |
| | 8-19 | 19,45 G | |
| | 9- 6 | 19,31 G | |
| | 10-12 | 19,42 G | |
| | 10-22 | 19,47 G | |
| 40 | 7-14 | 19,44 G | |
| | 7-17 | 19,20 G | $20'',3$ F |
| 41 | 8-13 | 19,35 G | |
| | 8-14 | 19,45 G | |
| | 8-18 | 19,45 G | |
| | 8-19 | 19,26 G | |
| | 8-21 | 19,31 G | |
| | 8-22 | 19,30 G | |
| | 8-24 | 19,31 G | |
| 46 | 7-11 | 19,46 G | |
| | 8-12 | | 18,5 G |

**27111 P. (suite).**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | $19^h 50^m$ | 51°53′ |
| 67 | 8-24 | $51^s,55$ G | $0'',1$ G |
| | III. | $19^h 51^m$ | 51°50′ |
| 79 | 9-17 | $23^s,67$ G | $39'',0$ G |

**27112 P. — 38094 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | III. | $19^h 51^m$ | 49°56′ |
| 80 | 8-10 | $24^s,57$ G | $19'',8$ G |
| 81 | 8- 5 | 24,60 G | 19,6 G |

**27113 P. — 38068 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | III. | $19^h 51^m$ | 66°33′ |
| 79 | 9- 1 | $29^s,24$ G | $24'',6$ G |
| 80 | 8- 8 | 29,37 M | 25,8 M |

**27114 P. — 38092-93 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | I. | $19^h 50^m$ | 55°19′ |
| 46 | 7- 9 | $29^s,61$ G | |
| | 7-25 | 29,42 G | |
| | 11-11 | | $30'',4$ G |
| | 11-14 | 29,38 G | |
| | II. | $19^h 51^m$ | 55°17′ |
| 64 | 7-19 | | $11'',7$ G |
| | 7-26 | | 11,6 G |
| | 7-28 | | 12,7 G |
| | 8- 1 | | 11,8 G |
| | 8-26 | | 11,5 G |
| 65 | 8-30 | | 10,6 G |
| 67 | 8-27 | $3^s,16$ G | 11,6 G |

**27115 P. — 1274 $W_1$.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | $19^h 50^m$ | 78°46′ |
| 58 | 7-25 | $58^s,98$ G | |

**27116 P. — 38088 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | $19^h 51^m$ | 59°25′ |
| 67 | 8- 5 | $9^s,46$ G | $33'',7$ G |
| | III. | $19^h 51^m$ | 59°23′ |
| 79 | 8-20 | $45^s,13$ G | $12'',5$ G |

**27117 P. — 38090 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | III. | $19^h 51^m$ | 62°31′ |
| 80 | 9- 9 | $52^s,22$ J | $3'',1$ J |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (Æ, P)

**27118 P. — 38059 L.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| II. | | 19h51m | 92°36′ |
| 56 | 8-24 | 5s,60 G | |
| 61 | 8-5 | 5,65 G | |
| III. | | 19h51m | 92°34′ |
| 79 | 8-20 | 52s,13 J | 3″,5 J |
| | 9-3 | 52,49 J | 4,0 J |

**27119 P. — 1278 W$_1$.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| I. | | 19h50m | 81°46′ |
| 40 | 10-10 | 25s,33 G | |
| | 10-15 | 25,49 G | |
| 41 | 10-15 | 25,22 G | |

**27120 P. — 38056-57 L.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| II. | | 19h51m | 94°43′ |
| 55 | 8-21 | | 44″,1 G |
| 56 | 8-3 | 6s,13 G | |
| 57 | 8-11 | 5,92 G | |
| III. | | 19h51m | 94°41′ |
| 68 | 9-2 | 53s,51 M | 30″,2 M |
| | 9-8 | 53,64 M | 28,1 M |
| 79 | 9-11 | 53,68 J | 26,6 J |
| 80 | 8-11 | 53,61 M | 30,1 M |

**27121 P. — 38060 L.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| I. | | 19h50m | 93°58′ |
| 41 | 9-19 | 24s,06 G | |
| III. | | 19h51m | 93°53′ |
| 74 | 9-14 | 58s,90 M | 21″,3 M |
| 78 | 9-9 | 58,88 J | 20,3 J |

**27122 P. — 1281 W$_1$.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| I. | | 19h50m | 81°48′ |
| 40 | 10-10 | 32s,22 G | |

**27123 P. — 38074-75 L.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| II. | | 19h51m | 78°57′ |
| 58 | 7-16 | 18s,32 G | 31″,8 F |
| | 8-24 | 18,22 G | 32,9 G |
| III. | | 19h52m | 78°55′ |
| 71 | 8-10 | 0s,96 G | |

**27124 P. — 38076-77 L.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| I. | | 19h50m | 78°49′ |
| 40 | 8-5 | 35s,89 G | |
| | 8-9 | 35,82 G | |
| II. | | 19h51m | 78°47′ |
| 58 | 7-25 | 18s,52 G | |
| III. | | 19h52m | 78°44′ |
| 79 | 9-3 | 0s,93 G | 38″,2 G |
| | 9-7 | 1,01 G | 42,3 G |

**27125 P. — 5186 Sf. — 11°.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| III. | | 19h52m | 101°2′ |
| 70 | 8-17 | 1s,70 M | 39″,6 M |

**27126 P. — 38087 L.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| II. | | 19h51m | 70°4′ |
| 58 | 8-16 | 21s,93 G | 44″,7 G |
| 62 | 8-12 | 22,14 G | 41,9 G |

**27127 P. — 38055 L.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| II. | | 19h51m | 101°51′ |
| 54 | 9-19 | 13s,86 G | |
| III. | | 19h52m | 101°48′ |
| 70 | 8-19 | 3s,48 M | 38″,8 M |
| 75 | 9-17 | 3,71 M | 41,2 M |

**27128 P. — 38082 L.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| I. | | 19h50m | 73°37′ |
| 39 | 7-28 | 43s,19 G | |
| | 7-30 | 43,20 G | 27″,3 F |
| | 8-1 | 43,25 G | |
| | 8-19 | 43,15 G | |
| | 9-6 | | 28,7 F |
| 46 | 7-17 | 42,98 G | |
| | 9-2 | 43,15 G | |
| | 9-23 | 43,26 G | |
| | 9-26 | 43,20 G | |
| | 10-1 | 43,21 G | |
| | 10-3 | 43,19 G | |
| 49 | 7-26 | 43,08 G | |
| 50 | 7-30 | | 27,3 G |
| 53 | 10-15 | 43,00 G | |
| II. | | 19h51m | 73°35′ |
| 56 | 6-26 | 23s,77 G | |
| 58 | 9-27 | 23,97 G | |
| 62 | 9-16 | 23,90 G | 8″,1 G |
| 67 | 9-10 | 23,80 M | 7,1 M |
| | 9-12 | 24,00 M | 7,1 M |

**27128 P. (suite).**

| A. | M. J. | Æ | P |
|---|---|---|---|
| III. | | 19h52m | 73°32′ |
| 71 | 8-13 | 4s,68 G | |
| 79 | 9-8 | 4,79 G | 45″,9 G |

**27129 P. — 38133 L.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| II. | | 19h51m | 43°16′ |
| 66 | 8-22 | 39s,56 G | |
| III. | | 19h52m | 43°14′ |
| 80 | 9-5 | 6s,60 G | 29″,2 G |
| 81 | 7-17 | 6,27 G | 31,0 G |

**27130 P. — 38048 L.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| I. | | 19h50m | 112°37′ |
| 39 | 9-9 | 22s,64 G | |
| | 9-10 | 22,70 G | |
| 40 | 8-8 | 22,68 G | |
| | 8-29 | 22,88 G | |

**27131 P. — 38106 L.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| III. | | 19h52m | 59°33′ |
| 75 | 8-23 | 10s,86 M | 23″,1 M |
| 79 | 8-11 | 10,55 G | 19,7 G |

**27132 P. — 38108 L.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| III. | | 19h52m | 59°28′ |
| 80 | 8-30 | 13s,36 J | 39″,1 J |
| | 9-2 | 13,35 J | 38,5 J |

**27133 P. — 38061 L.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| II. | | 19h51m | 102°6′ |
| 54 | 9-7 | 23s,90 G | |
| III. | | 19h52m | 102°3′ |
| 78 | 8-31 | 14s,01 M | 51″,5 M |

**27134 P. — 7715-16 Sj.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| II. | | 19h51m | 84°1′ |
| 58 | 9-19 | 32s,72 G | |

**27135 P. — 38084 L.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| II. | | 19h51m | 79°38′ |
| 58 | 7-17 | 34s,76 G | |
| 60 | 9-1 | | 47″,8 G |

**27135 P. (suite).**

| A. | M. J. | Æ | P |
|---|---|---|---|
| III. | | 19h52m | 79°36′ |
| 71 | 7-31 | 17s,55 G | |
| | 8-1 | 17,83 G | |
| | 8-7 | 17,57 G | |
| | 8-12 | 17,60 G | 26″,6 G |
| | 9-15 | 17,59 M | |
| | 9-15 | 17,63 G | 26,6 G |

**27136 P. — 38110 L.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| II. | | 19h51m | 61°40′ |
| 58 | 8-31 | 42s,52 G | |
| | 9-23[1] | 42,64 G | 44″,9 G |
| 59 | 7-25 | | 44,2 G |

[1] P diminuée de 5′.

**27137 P. — 38165-66 L.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| I. | | 19h51m | 37°58′ |
| 40 | 9-21 | 37s,13 G | |
| 41 | 8-27 | | 11″,3 F |
| 46 | 7-22 | 37,26 G | |
| | 8-14 | 37,10 G | |
| | 8-21 | 37,20 G | 13,1 G |
| | 8-25[1] | 37,13 G | 13,1 G |
| | 8-26 | 37,19 G | |

[1] Æ diminuée de 28s,04 : erreur d'un rang dans l'ordre des fils observés.

**27138 P. — 38047 L.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| I. | | 19h50m | 88°44′ |
| 40 | 8-20 | | 47″,4 F |

**27139 P. — 38080 L.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| III. | | 19h52m | 89°48′ |
| 74 | 8-3 | 26s,54 M | 17″,0 M |
| 80 | 9-15 | 26,50 M | 18,2 M |

**27140 P. — 20134 A.O.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| III. | | 19h52m | 110°32′ |
| 69 | 8-20 | 27s,74 M | 48″,3 M |
| 81 | 8-2 | | 48,8 M |
| | 9-15 | 27,62 M | 49,0 M |

**27141 P. — 38095 L.**

| A. | M. J. | Æ | P |
|---|---|---|---|
| II. | | 19h51m | 82°27′ |
| 56 | 8-31 | 44s,35 G | |
| 57 | 10-12 | 44,34 G | 20″,4 G |
| III. | | 19h52m | 82°24′ |
| 79 | 9-2 | 28s,18 G | 57″,6 G |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (Æ, D)

**27142 P. — 1294 W$_1$.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | I. | |
| | | $19^h51^m$ | 82°53′ |
| 40 | 8-15 | 3$^s$,48 G | |
| | 8-16 | 3,49 G | |

**27143 P. — 38105 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | I. | |
| | | $19^h51^m$ | 73°55′ |
| 46 | 7-20 | 11$^s$,18 G | |
| 47 | 8-13 | 10,97 G | |
| 48 | 8-28 | | 11$''$,8 G |
| 49 | 9-25 | 11,27 G | |
| | | II. | |
| | | $19^h51^m$ | 73°52′ |
| 56 | 9-20 | 52$^s$,05 G | |
| 62 | 9-17 | 52,06 G | 53$''$,1 G |
| | | III. | |
| | | $19^h52^m$ | 73°50′ |
| 71 | 7-28 | 32$^s$,86 M | 31$''$,4 M |
| | 7-28 | 32,78 G | |
| | 8-28 | 32,68 G | 28,4 G |

**27144 P. — 38118-19 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | II. | |
| | | $19^h51^m$ | 64°0′ |
| 58 | 8-7 | 57$^s$,74 G | |
| | 9-10 | 57,77 G | |
| 62 | 9-13 | 58,09 G | 4$''$,7 G |
| | | III. | |
| | | $19^h52^m$ | 63°57′ |
| 79 | 7-29 | 35$^s$,28 G | 39$''$,8 G |

**27145 P. — 38117 et 22 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | III. | |
| | | $19^h52^m$ | 64°2′ |
| 81 | 7-27 | 35$^s$,79 J | 27$''$,3 J |
| | 8-6 | 35,32 J | 24,3 J |
| | 9-4 | 35,55 J | 28,0 J |

**27146 P. — 38111 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | II. | |
| | | $19^h51^m$ | 70°42′ |
| 57 | 10-13 | 56$^s$,48 G | 20$''$,4 G |
| | | III. | |
| | | $19^h52^m$ | 70°39′ |
| 79 | 8-26 | 36$^s$,48 J | 59$''$,5 J |
| | 9-1 | 36,49 J | 59,4 J |

**27147 P. — 38043 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | III. | |
| | | $19^h52^m$ | 98°25′ |
| 74 | 8-21 | 39$^s$,08 G | 36$''$,9 G |
| | 8-22 | 39,23 G | 37,5 G |

**27148 P. — 38078 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | II. | |
| | | $19^h51^m$ | 102°5′ |
| 54 | 9-11 | 49$^s$,53 G | 33$''$,9 G |
| | 9-18 | 49,31 G | |
| 67 | 7-24 | 49,51 M | 33$''$,3 M |
| | | III. | |
| | | $19^h52^m$ | 102°3′ |
| 70 | 8-20 | 39$^s$,25 M | 11$''$,3 M |

**27149 P. — 20135 A. O.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | III. | |
| | | $19^h52^m$ | 112°6′ |
| 69 | 8-23 | 40$^s$,04 M | 28$''$,7 M |
| 81 | 9-17 | 40,24 M | 28,0 M |

**27150 P. — 38121 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | III. | |
| | | $19^h52^m$ | 66°25′ |
| 71 | 8-29 | 40$^s$,14 M | 50$''$,4 M |
| 75 | 9-7 | 40,23 M | 47,7 M |

**27151 P. — 38145-46 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | II. | |
| | | $19^h52^m$ | 48°19′ |
| 66 | 8-7 | 9$^s$,97 G | |
| | | III. | |
| | | $19^h52^m$ | 48°17′ |
| 80 | 8-13 | 40$^s$,47 G | 34$''$,1 G |
| | 8-14 | | 32,5 G |
| | 8-26 | 40,27 J | 32,7 J |

**27152 P. — 2992 Gr.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | I. | |
| | | $19^h52^m$ | 29°35′ |
| 40 | 11-9 | 11$^s$,34 G | 9$''$,6 F |
| | 11-10 | 11,31 G | 11,3 F |

**27153 P. — 2981 Gr.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | I. | |
| | | $19^h51^m$ | 50°29′ |
| 40 | 9-12 | 38$^s$,59 G | |

**27154 P. — 38102 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | I. | |
| | | $19^h51^m$ | 83°49′ |
| 40 | 8-4 | | 25$''$,4 F |
| | | II. | |
| | | $19^h52^m$ | 83°47′ |
| 57 | 9-29 | 2$^s$,39 G | |
| 58 | 9-28 | 2,19 G | |
| 62 | 8-13 | 2,35 G | 5$''$,4 G |
| | | III. | |
| | | $19^h52^m$ | 83°44′ |
| 80 | 7-22 | 46$^s$,52 M | 44$''$,3 M |

**27155 P. — 38162 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | II. | |
| | | $19^h52^m$ | 46°6′ |
| 66 | 8-23 | 18$^s$,95 G | |
| | | III. | |
| | | $19^h52^m$ | 46°3′ |
| 80 | 8-23 | 47$^s$,74 J | 46$''$,3 J |

**27156 P. — 38109 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | II. | |
| | | $19^h52^m$ | 79°40′ |
| 56 | 7-24 | 6$^s$,91 G | |
| 60 | 7-13 | 6,79 G | 1$''$,2 G |
| | 8-12 | 6,64 G | |
| | 9-1 | 6,82 G | 2,3 G |

**27157 P. — 38134 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | II. | |
| | | $19^h52^m$ | 61°30′ |
| 58 | 7-14 | 13$^s$,78 G | 4$''$,7 G |
| 59 | 8-12 | 13,71 G | |
| 62 | 9-15 | 13,86 G | 4,3 G |

**27158 P. — 38064 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | I. | |
| | | $19^h50^m$ | 119°0′ |
| 48 | 7-28 | 59$^s$,93 G | |
| | | II. | |
| | | $19^h51^m$ | 118°57′ |
| 55 | 7-19 | 56$^s$,03 G | |
| 59 | 10-17 | | 56$''$,3 G |

**27159 P. — 38154 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | I. | |
| | | $19^h51^m$ | 50°2′ |
| 40 | 9-12 | | 46$''$,6 F |
| | | II. | |
| | | $19^h52^m$ | 50°0′ |
| 62 | 7-21 | 22$^s$,02 G | |
| | 7-24 | 22,17 G | |
| | 7-25 | 21,99 G | |
| | 8-1 | 22,19 G | |
| 63 | 7-10 | 22,03 G | |
| | 8-6 | 21,96 G | |
| | 8-8 | 22,13 G | |
| | 8-9 | 21,97 G | |
| | 8-14 | 22,11 G | |
| | 8-17 | 22,12 G | |
| | 8-25 | 22,22 G | |
| | 9-11 | 22,03 G | |
| | 9-12 | 22,14 G | |
| | 9-15 | 22,11 G | |
| 64 | 7-29 | 22,13 G | |
| | 8-2 | 22,04 G | |
| | 8-7 | 22,06 G | |
| | 8-8 | 22,05 G | |
| | 8-10 | 22,14 G | |
| | 8-11 | 22,12 G | |
| | 8-17 | 22,14 G | |
| | 8-24 | 22,15 G | |

**27159 P. (suite).**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | II. | |
| | | $19^h52^m$ | 50°0′ |
| 64 | 8-27 | 22$^s$,18 G | |
| | 8-29 | 22,06 G | |
| | 9-4 | 22,10 G | |
| | 9-5 | 22,07 G | |
| | 9-6 | 22,01 G | |
| | 9-9 | 22,15 G | |
| | 9-12 | 22,13 G | |
| 65 | 9-1 | 22,14 G | |
| | 9-2 | 21,99 G | |
| | 9-5 | 22,13 G | |
| | 9-6 | 21,96 G | |
| | 9-7 | 22,11 G | |
| | 9-8 | 22,05 G | |
| | 9-12 | 22,09 G | |
| | 9-13 | 22,14 G | |
| 66 | 7-25 | 21,97 G | 21$''$,9 G |
| | | III. | |
| | | $19^h52^m$ | 49°57′ |
| 68 | 8-1 | 53$^s$,18 G | |
| 72 | 7-19 | 53,35 G | |
| 79 | 7-31 | | 62$''$,5 G |
| 81 | 7-12 | 53,40 M | 59,7 M |

**27160 P. — 38115-16 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | I. | |
| | | $19^h51^m$ | 78°51′ |
| 41 | 7-16 | 31$^s$,44 G | |
| | | II. | |
| | | $19^h52^m$ | 78°48′ |
| 56 | 8-30 | 13$^s$,97 G | |
| 58 | 8-9 | | 43$''$,8 G |
| | 9-11 | 14,05 G | 44,4 G |

**27161 P. — 38100 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | II. | |
| | | $19^h52^m$ | 100°19′ |
| 54 | 9-8 | 10$^s$,52 G | |
| 58 | 7-11 | | 13$''$,3 G |
| | 9-9 | 10,40 G | 13,9 G |
| | 9-27 | | 16,3 F |
| 59 | 7-17 | | 14,1 G |
| | 8-7 | 10,46 G | |

**27162 P. — 38065 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | | I. | |
| | | $19^h51^m$ | 89°2′ |
| 40 | 8-15 | | 29$''$,1 F |
| | | II. | |
| | | $19^h52^m$ | 89°0′ |
| 56 | 7-22 | | 5$''$,7 G |
| 62 | 8-3 | 15$^s$,40 G | 6,6 G |
| | | III. | |
| | | $19^h53^m$ | 88°57′ |
| 79 | 7-25 | 1$^s$,39 J | 44$''$,7 J |
| | 7-31 | 1,30 J | 44,0 J |

**27163 P. — 38081 L.**

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. Æ. | ℘. |
|---|---|---|
| II. | 19h52m | 111°14′ |
| 54 8- 2 | 9s,67 G | |
| 55 8-18 | 9,49 G | |
| III. | 19h53m | 111°11′ |
| 79 9- 4 | 2s,47 J | 47″,6 J |

**27164 P. — 38149 L.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| III. | 19h53m | 56°5′ |
| 69 10- 6 | 4s,06 M | 22″,1 M |
| 74 8-20 | 4,25 M | 19,7 M |
| 8-22 | 4,13 M | 21,9 M |

**21765 P. — 38172 L.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| III. | 19h53m | 51°56′ |
| 80 8-27 | 10s,32 J | 3″,6 J |
| 8-31 | 10,29 J | 3,4 J |

**27166 P. — 38112 L.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| II. | 19h52m | 92°20′ |
| 55 8-11 | | 49″,7 G |
| 8-27 | 25s,00 G | |
| 57 7-24 | 24,89 G | |
| 8-16 | 25,03 G | |
| 58 9- 8 | 25,10 G | 50,4 G |
| 9-26 | 24,94 G | 52,1 G |
| 10- 8 | | 50,7 G |
| III. | 19h53m | 92°18′ |
| 68 9- 4 | 11s,90 M | 29″,5 M |
| 77 8-16 | 11,71 M | 28,2 M |
| 8-17 | 11,72 M | 28,1 M |
| 78 7-28 | 11,77 G | |

**27167 P. — 38135 à 37 L.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| I. | 19h51m | 70°55′ |
| 37 7- 7 | 51s,90 G | |
| 7-24 | 51,77 G | 28″,8 F |
| 7-29 | 51,87 G | |
| 8- 2 | 51,89 G | 29,0 F |
| 8- 6 | 51,88 G | |
| 8- 8 | 51,71 G | |
| 8-10 | 51,76 G | |
| 8-11 | 51,94 G | 30,1 F |
| 8-13 | 51,80 G | |
| 8-25 | | 29,0 F |
| 38 8-13 | 51,91 G | |
| 8-15 | 51,96 G | |
| 8-16 | 51,74 G | |
| 9-11 | 51,83 G | |
| 10-27 | 51,63 G | |
| 40 10- 6 | 51,97 G | |
| 41 8- 4 | 51,95 G | |
| 46 9-29 | 51,93 G | |
| 48 7-17 | 51,76 G | |
| 49 9- 7 | 51,84 G | |

IV.

**27167 P. (suite).**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| I. | 19h51m | 92°31′ |
| 52 10- 9 | 52,02 G | |
| 10-10 | 51,93 G | |
| 10-14 | 51,93 G | |
| 10-15 | 52,05 G | |
| 10-16 | 52,11 G | |
| 10-17 | 51,98 G | |
| 10-18 | 52,07 G | |
| 10-19 | 51,97 G | |
| 10-20 | 51,98 G | |
| 10-21 | 52,06 G | |
| 10-22 | 52,04 G | |
| 11- 3 | 51,91 G | |
| 11- 5 | 51,95 G | |
| 11- 6 | 52,04 G | |
| 11- 8 | 51,82 G | |
| 11- 9 | 52,06 G | |
| 11-10 | 52,00 G | |
| 53 3-27 | 51,93 G | |
| 4- 8 | 51,75 G | |
| 4-13 | 51,86 G | |
| 4-14 | 51,97 G | |
| 4-23 | 51,90 G | |
| 4-26 | 51,94 G | |
| 4-29 | 51,92 G | |
| 5- 1 | 52,04 G | |
| 5- 4 | 52,02 G | |
| II. | 19h52m | 70°53′ |
| 56 9-19 | 31s,72 G | |
| 58 9-12 | 31,76 G | 8″,2 G |
| III. | 19h53m | 70°50′ |
| 71 8- 9 | 11s,76 G | 45″,8 G |
| 8-16 | 11,83 G | |
| 8-19 | 11,80 G | |

**27168 P. — 38096 L.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| II. | 19h52m | 110°14′ |
| 58 8- 5 | 21s,11 G | 10″,7 G |
| III. | 19h53m | 110°11′ |
| 79 7-17 | 13s,86 J | 48″,4 J |

**27169 P. — 38143 L.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| II. | 19h52m | 64°12′ |
| 58 9-14 | 38s,00 G | 56″,0 G |
| III. | 19h53m | 64°10′ |
| 76 7-26 | 15s,70 M | 33″,7 M |

**27170 P. — 38147 L.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| III. | 19h53m | 61°43′ |
| 81 8-22 | 15s,78 J | 36″,3 J |

**27171 P. — 38129-30 L.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| I. | 19h51m | 79°6′ |
| 40 9-29 | 51s,05 G | |
| II. | 19h52m | 79°4′ |
| 58 8-24 | 33s,93 G | 19″,8 G |
| 9- 6 | 33,73 G | 19,4 G |
| 10- 1 | 33,88 G | |

**27172 P. — 38086 L.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| II. | 19h52m | 116°36′ |
| 57 8-12 | 23s,30 G | 14″,7 G |
| III. | 19h53m | 116°33′ |
| 79 9- 2 | 18s,38 M | 52″,2 M |

**27173 P. — 38155 L.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| II. | 19h52m | 61°23′ |
| 58 7-14 | 43s,16 G | |
| 62 7- 5 | | 17″,1 G |
| 8- 6 | 43,05 G | 17,2 G |
| 9- 9 | 43,24 G | 17,1 G |

**27174 P. — 38196 et 98 L.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| III. | 19h53m | 39°25′ |
| 80 8- 3 | 20s,22 G | 57″,9 G |
| 8- 8 | 20,03 G | 58,4 G |
| 81 8-22 | 19,78 G | 59,6 G |
| 9-17 | 19,79 G | 57,1 G |

**27175 P. — 38175 L.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| III. | 19h53m | 52°12′ |
| 81 7-28 | | 52″,9 J |
| 8- 2 | | 54,2 J |

**27176 P. — 38157 L.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| II. | 19h52m | 62°51′ |
| 59 7-26 | 46s,41 G | 58″,9 G |
| 60 9- 9[1] | 46,64 G | 65,4 G |
| III. | 19h53m | 62°49′ |
| 81 9-13 | 23s,72 M | 37″,1 M |

[1] ℘ non comprise dans la moyenne.

**27177 P. — 38104 L.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| II. | 19h52m | 106°15′ |
| 54 9-26 | 32s,82 G | |
| 59 7-11 | | 54″,3 G |

**27177 P. (suite).**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| III. | 19h53m | 106°13′ |
| 78 9- 3 | 23s,92 M | |
| 9- 7 | 23,88 M | 32″,6 M |

**27178 P. — 4049 A + 25°**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| II. | 19h52m | 64°16′ |
| 58 9-14 | 46s,78 G | |

**27179 P. — 38173-74 L.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| III. | 19h53m | 55°54′ |
| 81 8- 5 | 28s,89 J | 50″,8 J |
| 8-24 | 29,07 J | 51,5 J |

**27180 P. — 2566 Br.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| I. | 19h53m | 25°41′ |
| 48 10-11 | 15s,37 G | |
| 49 9-18 | 14,99 G | |
| 50 8-12 | | 26″,4 G |

**27181 P. — 38131 L.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| II. | 19h52m | 89°43′ |
| 56 9- 6 | 48s,51 G | |
| III. | 19h53m | 89°41′ |
| 79 8-25 | 34s,57 J | 31″,5 J |
| 9- 8 | 34,65 J | 30,9 J |

**27182 P. — 38177 L.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| III. | 19h53m | 59°21′ |
| 69 9- 8 | 40s,49 M | 15″,4 M |
| 74 9-18 | 40,59 M | 13,6 M |
| 76 8- 1 | 40,67 M | 15,7 M |
| 8-23 | 40,35 M | 14,5 M |

**27183 P. — 38180 L.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| III. | 19h53m | 55°49′ |
| 81 8-21 | 41s,88 J | 27″,8 J |

**27184 P. — 38193-94 L.**

| A. M. J. | Æ. | ℘. |
|---|---|---|
| III. | 19h53m | 48°4′ |
| 80 8-27 | 44s,07 G | 32″,5 G |
| 81 7-21 | 43,93 G | 33,6 G |
| 7-29 | 43,80 G | |
| 8- 6 | 44,11 G | 32,5 G |
| 9-15 | | 33,1 G |

Dates 1800+ — Positions moyennes pour les époques du Catal.

**27185 P. — 38191 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | III. | 19h 53m | 49°24′ |
| 80 | 8-4 | 44s,01 G | 36″,7 G |
| | 9-15 | 44,04 G | 37,5 G |

**27186 P. — 38113 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | 19h 52m | 111°50′ |
| 55 | 9-25 | 53s,59 G | 42″,7 G |
| 61 | 8-29 | 53,58 G | 43,0 G |
| | 10-12 | 53,59 G | 42,9 G |

**27187 P. — 38148 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | 19h 53m | 83°9′ |
| 55 | 10-21 | 4s,59 G | |
| 57 | 7-21 | | 47″,4 G |
| 58 | 6-7 | 4,38 G | |
| | III. | 19h 53m | 83°7′ |
| 74 | 8-6 | 48s,43 M | 25″,1 M |

**27188 P. — 38170 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | I. | 19h 52m | 67°19′ |
| 38 | 10-4 | 31s,48 G | |
| 46 | 8-22 | 31,72 G | |
| 47 | 10-22 | 31,52 G | |
| | II. | 19h 53m | 67°16′ |
| 58 | 8-30 | 10s,14 G | |
| 59 | 9-16 | 10,06 G | 38″,8 G |
| | III. | 19h 53m | 67°14′ |
| 79 | 9-17 | 48s,63 G | 14″,9 G |
| 80 | 8-13 | 48,58 M | 15,0 M |

**27189 P. — 22546 Mn1.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | I. | 19h 52m | 73°24′ |
| 49 | 7-26 [1] | 28s,19 G | |

[1] Æ diminuée de 0s,14 : suppression d'un fil erroné.

**27190 P. — 1322 W1.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | 19h 53m | 83°40′ |
| 57 | 7-13 | 6s,73 G | |

**27191 P. — 38206 L**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | III. | 19h 53m | 45°57′ |
| 81 | 7-28 | 50s,53 G | 5″,5 G |
| | 8-21 | 50,84 G | 5,0 G |

**27192 P. — 38176 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | 19h 53m | 67°23′ |
| 58 | 8-30 | 13s,32 G | |
| | III. | 19h 53m | 67°20′ |
| 80 | 9-5 | 52s,29 M | 32″,3 M |

**27193 P. — 38144 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | 19h 53m | 83°26′ |
| 55 | 10-8 | 8s,44 G | |
| 57 | 7-13 | | 13″,1 G |
| | 7-23 | 8,42 G | |
| | 8-14 | 8,37 G | 13,0 G |
| | 8-21 | 8,52 G | 13,7 G |

**27194 P. — 38123-24 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | I. | 19h 52m | 113°9′ |
| 39 | 7-27 | 10s,92 G | |
| | 8-24 | 10,76 G | |
| | 9-18 | 10,71 G | 28″,2 F |
| 40 | 8-8 | 10,77 G | |
| | II. | 19h 53m | 113°7′ |
| 57 | 6-29 | 4s,57 G | 6″,7 G |
| | 9-6 | 4,41 G | |
| | III. | 19h 53m | 113°4′ |
| 76 | 8-31 | 58s,10 M | 44″,6 M |
| 78 | 10-4 | 58,03 M | 46,0 M |
| 79 | 8-2 | 58,29 J | 43,4 J |

**27195 P. — 38209-10 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | III. | 19h 53m | 47°48′ |
| 80 | 9-24 | 59s,42 G | 33″,7 G |
| 81 | 7-18 | 59,45 G | 36,1 G |

**27196 P. — 38182-83 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | 19h 53m | 62°51′ |
| 59 | 7-26 | 23s,25 G | |
| 62 | 9-20 | 23,06 G | 59″,1 G |
| | III | 19h 54m | 62°49′ |
| 81 | 9-7 | 0s,20 M | 35″,3 M |

**27197 P. — 5679 Sf. — 19h.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | III. | 19h 54m | 109°49′ |
| 69 | 7-30 | 0s,82 M | 24″,2 M |

**27198 P. — 38150 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | I. | 19h 52m | 88°43′ |
| 40 | 8-20 | | 18″,2 F |
| | II. | 19h 53m | 88°40′ |
| 58 | 8-1 | 16s,08 G | 55″,2 G |
| | III. | 19h 54m | 88°38′ |
| 79 | 7-27 | 1s,82 J | 32″,1 J |

**27199 P. — 38163 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | I. | 19h 52m | 82°39′ |
| 40 | 8-9 | 35s,36 G | |
| | 8-16 | 35,44 G | |
| | II. | | 82°37′ |
| 60 | 8-10 | | 10″,4 G |
| 61 | 8-30 [1] | | 9,4 G |
| | III. | 19h 54m | 82°34′ |
| 79 | 9-1 | 5s,01 G | 47″,5 G |

[1] Erreur de 20m dans l'asc. dr. indiquée.

**27200 P. — 38202 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | III. | 19h 54m | 52°13′ |
| 68 | 7-30 | 3s,88 G | |
| | 8-4 | 3,96 G | |
| 69 | 9-17 | 3,76 M | 56″,8 M |
| | 10-11 | 3,99 M | 56,6 M |
| 81 | 9-15 | 4,01 J | 56,1 J |

**27201 P. — 1752 W1.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | 19h 53m | 63°57′ |
| 58 | 8-7 | 26s,98 G | |

**27202 P. — 38158 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | I. | 19h 52m | 87°5′ |
| 40 | 8-29 | | 15″,5 F |
| | 8-31 | | 14,6 F |
| | II. | 19h 53m | 87°2′ |
| 57 | 10-2 | 19s,88 G | 52″,9 G |
| | 10-15 | 20,05 G | |
| | III. | 19h 54m | 87°0′ |
| 79 | 7-29 | 5s,12 J | 29″,5 J |
| | 7-30 | 5,13 J | 28,8 J |

**27203 P. — 38138 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | 19h 53m | 104°19′ |
| 54 | 9-21 [1] | 15s,14 G | 17″,4 G |
| | III. | 19h 54m | 104°16′ |
| 70 | 8-19 | 5s,43 M | 54″,4 M |

[1] D augmentée de 5″ : erreur de 10″ sur l'un des 2 microscopes lus.

**27204 P. — 38139 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | 19h 53m | 102°37′ |
| 54 | 9-12 | | 18″,7 G |
| | III. | 19h 54m | 102°35′ |
| 79 | 8-16 | 6s,57 J | 5″,0 J |
| | 9-3 | 6,47 J | 6,8 J |
| | 9-17 | 6,44 J | 6,5 J |

**27205 P. — 38167 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | I. | 19h 52m | 83°7′ |
| 45 | 8-9 | | 54″,9 G |
| | II. | 19h 53m | 83°5′ |
| 55 | 9-26 | | 33″,3 G |
| 56 | 7-15 | | 32,0 G |
| 57 | 8-20 | 23s,56 G | 32,2 G |
| 58 | 6-7 | 23,35 G | |
| | 9-13 | 23,35 G | 33,7 G |
| 62 | 9-11 | 23,39 G | 34,1 G |

**27206 P. — 22568 Mn1.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | 19h 53m | 82°44′ |
| 58 | 7-13 | | 11″,2 G |
| 60 | 8-10 | 24s,15 G | |
| | 9-5 | 24,66 G | |
| 61 | 8-30 [1] | | 11,2 G |

[1] Erreur de 20m dans l'asc dr. indiquée.

**27207 P. — 38203 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | III. | 19h 54m | 54°50′ |
| 80 | 9-1 | 10s,42 J | 27″,7 J |
| | 9-27 | 10,69 J | 28,5 J |
| 81 | 8-7 | 10,43 J | 28,1 J |

**27208 P. — 38151 à 53 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | 19h 53m | 94°41′ |
| 55 | 8-18 | | 28″,5 G |
| | 8-23 | 25s,49 G | |
| 59 | 7-12 | | 29,1 G |

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|---|---|---|

**27208 P. (suite).**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 19h54m | 94°39′ |
| 68 9- 3 | 12s,82 M | 5″,9 M |
| 76 8- 1 | 12,83 G | 6,5 G |
| 8-17 | 12,89 G | 6,4 G |

**27209 P. — 38187 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 19h54m | 65°36′ |
| 81 8- 1 | 15s,07 J | 56″,7 J |

**27210 P. — 38142 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h53m | 102°13′ |
| 54 8-26 | 26s,01 G | |
| 57 9- 9 | | 59″,5 G |
| III. | 19h54m | 102°11′ |
| 79 9- 2 | 15s,97 J | 37″,9 J |
| 9-11 | 15,78 J | 37,1 J |

**27211 P. — 38244-45 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 19h54m | 39°2′ |
| 81 8- 2 | 18s,81 G | 20″,8 G |
| 8-24 | 19,10 G | |

**27212 P. — 38140-41 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h53m | 107°14′ |
| 54 8-27 | 31s,01 G | |
| 9-29 | 30,85 G | 54″,6 G |
| III. | 19h54m | 107°12′ |
| 78 9-10 | 22s,61 M | 34″,8 M |
| 9-11 | 22,66 M | |

**27213 P. — 7841 Berlin A.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 19h54m | 70°27′ |
| 81 8- 5 | 23s,79 M | 7″,0 M |

**27214 P. — 38132 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h53m | 118°22′ |
| 55 9- 7 | 28s,39 G | |
| III. | 19h54m | 118°20′ |
| 79 9-30 | 23s,84 J | 23″,5 J |

**27215 P. — 38186 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 19h53m | 72°54′ |
| 39 7-30 | 3s,38 G | 8″,9 F |
| 8- 1 | 3,31 G | |
| 46 7-28 | 3,15 G | |
| 8-17 | 3,22 G | 10,7 G |
| 8-18 | | 11,3 G |
| 9- 2 | 3,35 G | |
| 9-13 | 3,40 G | 10,4 G |
| 9-14 | 3,27 G | |
| 9-15 | 3,28 G | |
| 9-16 | 3,36 G | 11,7 G |
| 9-17 | 3,31 G | |
| 9-19 | 3,35 G | |
| 11- 3 | 3,47 G | |
| 11- 4 | 3,17 G | 11,4 G |
| 47 10-26 | 3,42 G | |
| 10-27 | | 12,8 F |
| 10-28 | | 11,6 G |
| 10-28 | | 13,7 F |
| 48 7-10 | 3,34 G | |
| 7-11 | 3,27 G | |
| 53 8-17 | 3,49 G | |
| II. | 19h53m | 72°51′ |
| 58 10- 2 | 43s,96 G | 48″,8 G |
| III. | 19h54m | 72°49′ |
| 71 8-12 | 24s,80 G | 25″,4 G |

**27216 P. — 38185 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h53m | 75°28′ |
| 58 8-11 | 45s,68 G | 38″,1 G |
| 59 7-14 | 45,71 G | |
| III. | 19h54m | 75°26′ |
| 71 8-27 | 26s,97 G | 13″,0 G |

**27217 P. — 38184 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h53m | 77°16′ |
| 58 7-12 | | 48″,3 G |
| 10-12 | 46s,77 G | |

**27218 P. — 38168 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h53m | 99°52′ |
| 54 8-29 | | 13″,3 G |
| 9-19 | 45s,23 G | |
| III. | 19h54m | 99°49′ |
| 74 8-22 | 34s,52 G | 48″,3 G |
| 8-25 | 34,54 G | 48,5 G |

**27219 P. — 38161 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 19h52m | 107°58′ |
| 41 10-15 | 57s,12 G | |

**27219 P. (suite).**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h53m | 107°56′ |
| 54 8-28 | 49s,00 G | 0″,2 G |
| III. | 19h54m | 107°53′ |
| 79 8-20 | 41s,03 J | 36″,2 J |

**27220 P. — 4238 A + 19°.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 19h53m | 70°47′ |
| 48 7-17 | 22s,36 G | |

**27221 P. — 38229 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 19h54m | 55°50′ |
| 81 8-10 | 43s,96 J | 51″,1 J |

**27222 P. — 38189 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h54m | 80°55′ |
| 57 10-12[1] | 0s,73 G | |
| 10-16[1] | 1,06 G | |
| 58 7- 2 | | 4″,1 G |
| 7- 3 | | 3,2 G |
| 9-15 | 0,83 G | |

[1] Indiquée à tort au tome XIII comme 38190 L; l'étoile a été observée sur le même calage que 38208 L.

**27223 P. — 38223 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 19h54m | 59°25′ |
| 79 8-20 | 44s,42 G | 38″,2 G |
| 9- 3 | 44,27 G | 36,5 G |

**27224 P. — 3658 A + 32°.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 19h53m | 57°31′ |
| 41 8-18 | | 32″,2 F |

**27225 P. — 38224 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 19h54m | 58°30′ |
| 68 8- 7 | 44s,55 G | |
| 69 9-23 | 44,69 M | 50″,8 M |
| 75 7-29 | 44,79 G | 50,5 G |
| 8- 9 | 44,59 G | 48,1 G |

**27226 P. — 38218 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h54m | 65°12′ |
| 59 7-25 | | 20″,1 G |
| 61 7-29[1] | 7s,94 G | |
| 9- 7 | | 21,0 G |

**27226 P. (suite).**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 19h54m | 65°9′ |
| 80 8- 8 | 45s,66 M | 55″,2 M |
| 8- 9 | 45,76 M | 57,0 M |

[1] 𝒜 augmentée de 24s,90 : erreur de moyenne et suppression d'un fil erroné.

**27227 P. — 38164 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h53m | 109°28′ |
| 54 8-30 | 53s,51 G | 58″,1 G |
| III. | 19h54m | 109°26′ |
| 78 9- 6 | 45s,90 M | 34″,7 M |

**27228 P. — 38190 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h54m | 82°24′ |
| 57 7-27 | 2s,62 G | 1″,3 G |
| III. | 19h54m | 82°21′ |
| 79 9- 7 | 46s,50 G | 40″,7 G |

**27229 P. — 38200 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h54m | 75°34′ |
| 58 7-16 | 5s,05 G | |
| 10- 3 | 5,14 G | 11″,9 G |
| 62 9-12 | | 12,2 G |

**27230 P. — 38222 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 19h54m | 64°23′ |
| 74 8-19 | 52s,88 M | 27″,0 M |
| 75 7-24 | 52,77 M | 25,0 M |
| 76 7-29 | 52,66 M | 26,1 M |

**27231 P. — 38188 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 19h53m | 88°58′ |
| 40 8-15[1] | | 51″,0 F |
| III. | 19h54m | 88°54′ |
| 74 8- 3 | 53s,83 M | 6″,6 M |
| 75 8-11 | 53,76 G | 4,8 G |

[1] 𝒟 augmentée de 30″ : err. de moy.

**27232 P. — 38207 L**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h54m | 75°36′ |
| 58 7-16 | 12s,67 G | |
| 10- 3 | 12,67 G | |
| 60 8-26 | | 58″,4 G |
| 9-29 | | 57,5 G |
| 62 9-12 | 12,73 G | 58,7 G |

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**27233 P. — 38221 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 19h54m | 67°54′ |
| 75 8-7 | 56s,20 M | 5″,6 M |
| 8-20 | 56,27 M | 5,1 M |
| 76 8-25 | 56,23 M | 6,4 M |

**27234 P. — 38199 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 19h53m | 81°51′ |
| 41 9-11 | | 50″,9 F |
| II. | 19h54m | 81°49′ |
| 55 11-2 | 12s,50 G | |
| 56 7-5 | | 25″,8 G |
| 57 10-6 | | 28,5 G |
| III. | 19h54m | 81°47′ |
| 79 9-2 | 56s,24 G | 3″,4 G |

**27235 P. — 38159-60 L.**

62 *c* Sagittaire.

Étoile fondamentale.

**27236 P. — 38178 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 19h53m | 104°3′ |
| 39 7-28 | 17s,34 G | |
| 9-9 | 17,35 G | |
| 41 9-19 | 17,42 G | |
| 9-21 | 17,43 G | |
| 9-22 | 17,28 G | |
| 10-1 | 17,27 G | |
| 10-8 | 17,28 G | |
| 46 7-12 | 17,44 G | |
| 47 8-13 | 17,34 G | |
| 9-23 | 17,54 G | |
| 48 9-15 | 17,35 G | |
| II. | 19h54m | 104°1′ |
| 54 9-6 | 7s,70 G | |
| 55 9-15 | | 18″,5 G |
| 67 8-12 | 7,84 M | 15,4 M |
| 8-13 | 7,90 M | |
| III. | 19h54m | 103°58′ |
| 79 9-7 | 58s,46 J | 52″,3 J |

**27237 P. — 38211-12 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h54m | 77°0′ |
| 56 6-26 | 19s,62 G | |
| 8-15 | 19,66 G | |
| 57 10-13 | 19,58 G | 10″,7 G |
| 60 7-21 | 19,66 G | 10,4 G |
| 61 8-19 | 19,76 G | 8,9 G |

**27238 P. — 38233 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h54m | 64°11′ |
| 58 9-10 | 24s,45 G | 37″,9 G |
| 9-14 | 24,72 G | 37,3 G |
| 9-16 | 24,39 G | |

**27239 P. — 38208 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h54m | 80°52′ |
| 57 10-12 | 20s,26 G | 5″,1 G |
| 10-16 | 20,34 G | 4,9 G |
| 58 9-15 | 20,16 G | |

**27240 P. — 1365 $W_1$.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 19h53m | 84°46′ |
| 40 8-4 | | 27″,0 F |

**27241 P. — 20169 A. O.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 19h55m | 113°10′ |
| 69 8-19 | 12s,40 M | 44″,3 M |
| 80 8-11 | 12,32 M | 44,7 M |
| 9-9 | 12,54 M | 44,3 M |

**27242 P. — 38205 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 19h53m | 90°37′ |
| 40 8-20 | | 23″,7 F |
| II. | 19h54m | 90°34′ |
| 55 8-21 [1] | | 59″,1 G |
| 58 7-30 | 27s,70 G | 58,7 G |
| III | 19h55m | 90°32′ |
| 76 7-29 | | 35″,7 G |
| 8-25 | 13s,89 G | 35,2 G |

[1] 𝒫 diminuée de 10″ : erreur de réd.

**27243 P. — 38247 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 19h55m | 57°33′ |
| 80 8-30 | 15s,83 J | 7″,4 J |
| 9-2 | 15,86 J | 7,3 J |

**27244 P. — 7891 Rümker.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h54m | 83°26′ |
| 57 8-21 | 32s,21 G | |

**27245 P. — 38225 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h54m | 74°21′ |
| 58 7-17 | 35s,06 G | |
| 8-16 [1] | 34,82 G | 16″,1 G |
| 8-23 [1] | 34,85 G | 15,5 G |
| 59 7-25 | 34,81 G | |
| 61 8-5 | 34,98 G | |
| III. | 19h55m | 74°18′ |
| 79 9-20 | 16s,11 J | 52″,4 J |
| 9-25 | 16,09 J | 52,0 J |

[1] Les obs. de dist. pol. supprimées au tome XIV doivent être rétablies comme il suit :

| | 58 8-16 | 58 8-23 |
|---|---|---|
| Lect. | 341°48′59″,4, | 341°49′ 2″,7; |
| Lc | 59,1, | 3,6; |
| Réfr. | + 37,0, | + 37,1; |
| Dist. pol. | 74°21′27,6, | 74°21′25″,5. |

**27246 P. — 7892 Rümker.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h54m | 83°25′ |
| 57 8-21 | 34s,19 G | |

**27247 P. — 38270 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h54m | 65°10′ |
| 61 9-7 | | 1″,5 G |
| III. | 19h55m | 65°7′ |
| 80 9-9 | 19s,70 J | 36″,1 J |
| 81 7-27 | 19,84 J | 34,2 J |

**27248 P. — 38239 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 19h55m | 67°37′ |
| 73 7-25 | 19s,78 G | |
| 8-4 | 20,09 G | |
| 79 9-8 | 19,85 G | 24″,6 G |

**27249 P. — 25 Cygne.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 19h54m | 53°22′ |
| 46 7-11 | 14s,14 G | |
| 7-17 | 14,08 G | |
| 7-25 | 14,13 G | |
| 10-1 | 14,20 G | |
| 10-3 | 14,19 G | |
| 47 10-27 | | 45″,5 G |
| 49 9-8 | 14,24 G | |
| 9-25 | 14,14 G | |
| 50 7-14 | | 45,9 G |
| 52 11-8 | | 45,5 G |

**27249 P. (suite).**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | 53°20′ |
| 64 7-19 | | 20″,5 G |
| 7-26 | | 21,7 G |
| 7-28 | | 21,3 G |
| 8-1 | | 20,3 G |
| 8-26 | | 20,7 G |
| 65 8-30 | | 20,5 G |

**27250 P. — 38237 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 19h55m | 70°20′ |
| 80 8-14 | 20s,36 M | 14″,9 M |
| 81 8-2 | 20,32 M | 17,7 M |
| 8-22 | 20,36 M | 18,1 M |

**27251 P. — 38230 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h54m | 75°51′ |
| 58 8-31 [1] | 39s,48 G | |
| III. | 19h55m | 75°49′ |
| 80 6-26 | 21s,28 G | |
| 8-30 | 21,09 M | 11″,8 M |

[1] 𝒜 augmentée de 0s,40 : err. de mov.

**27252 P. — 38234 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h54m | 75°34′ |
| 58 7-16 | | 58″,9 F |
| III. | 19h55m | 75°32′ |
| 79 8-16 | 22s,51 G | 27″,5 G |
| 9-18 | 22,45 J | 30,6 J |

**27253 P.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h54m | 74°24′ |
| 59 7-25 | 41s,39 G | |

**27254 P. — 38266 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h54m | 44°36′ |
| 66 8-11 | 56s,58 G | |
| 8-22 | 56,64 G | |
| III. | 19h55m | 44°34′ |
| 81 8-24 | 24s,80 M | 3″,8 M |
| 9-16 | 24,85 M | 3,5 M |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (Æ., 𝒫.)

### 27255 P. — 38181 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 19h54m | 116°25′ |
| 55 9- 8 | 30s,32 G | |
| 59 10-17 | | 40″,7 G |
| III. | 19h55m | 116°23′ |
| 81 9-17 | 25s,25 M | 16″,8 M |

### 27256 P. — 38192 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 19h54m | 106°15′ |
| 54 9- 7 | 36s,16 G | |
| 61 8-22 | 36,11 G | 36″,8 G |
| 8-31 | 36,16 G | 36,0 G |

### 27257 P. — 4241 A + 13°.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 19h54m | 76°43′ |
| 60 8- 6 | 46s,72 G | |
| 62 8-13 | 46,77 G | 16″,6 G |

### 27258 P. — 1377 W1.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 19h54m | 79°38′ |
| 59 7-28 | 46s,09 G | 11″,7 G |

### 27259 P. — 38251 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| III. | 19h55m | 57°36′ |
| 81 8-14 | 31s,84 J | 39″,9 J |

### 27260 P. — 38204 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 19h54m | 102°13′ |
| 54 9-11 | 42s,20 G | |
| 58 9- 9 | 42,11 G | |
| 59 7-17 | | 9″,2 G |
| III. | 19h55m | 102°10′ |
| 79 8-26 | 32s,11 J | 44″,6 J |
| 9- 1 | 32,17 J | 45,4 J |

### 27261 P. — 38214-15 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 19h54m | 95°22′ |
| 55 8-16 | | 29″,6 G |
| 56 8- 2 | 45s,47 G | |
| 8- 3 | 45,39 G | |
| 58 9- 9 | | 29,9 F |
| III. | 19h55m | 95°20′ |
| 74 8-21 | 33s,22 G | 5″,1 G |

### 27262 P. — 38246 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| III. | 19h55m | 67°29′ |
| 81 8- 6 | 33s,34 J | 47″,2 J |
| 8- 8 | 33,23 J | 47,6 J |

### 27263 P. — 38285 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 19h54m | 65°14′ |
| 61 9- 7 | | 11″,9 G |

### 27264 P. — 38226 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 19h54m | 85°40′ |
| 56 8-31 | 49s,80 G | 1″,3 G |
| 58 8-28 | | 1,0 F |
| III. | 19h55m | 85°37′ |
| 79 7-17 | 34s,43 J | 37″,1 J |

### 27265 P. — 38300 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| III. | 19h55m | 39°40′ |
| 80 8-26 | 39s,62 G | 41″,0 G |
| 81 8- 5 | 39,57 G | 39,7 G |

### 27266 P. — 38256 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| III. | 19h55m | 55°52′ |
| 74 8-20 | 40s,49 M | 41″,4 M |
| 8-22 | 40,46 M | 42,6 M |

### 27267 P. — 38217 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 19h54m | 101°57′ |
| 54 9-18 | 54s,94 G | 3″,5 G |
| 59 7-11 | | 5,8 G |

### 27268 P. — 1384 W1.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 19h54 | 75°27′ |
| 39 9- 6 | | 5″,8 F |

### 27269 P. — 38309 à 11 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 19h55m | 38°22′ |
| 40 9-12[1] | | 3″,6 F |

[1] Observation faite près du zénith sans indication de la position de l'observateur. On n'a pas tenu compte de la valeur de l'équation personnelle dans le calcul de la distance polaire.

### 27270 P. — 38220 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 19h55m | 107°44′ |
| 54 9-16 | 4s,12 G | |
| 58 8-15 | | 3″,0 G |
| III. | 19h55m | 107°41′ |
| 79 7-25 | 56s,02 J | 38″,2 J |
| 7-31 | 55,81 J | 38,9 J |

### 27271 P. — 38260-61 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 19h54m | 62°40′ |
| 37 7- 7 | 43s,03 G | |
| 7-24 | 43,03 G | |
| 7-29 | 43,08 G | |
| 8- 2 | 43,17 G | 16″,1 F |
| 8- 8 | 43,00 G | 16,6 F |
| 8-10 | 42,98 G | |
| 8-11 | 43,02 G | |
| 38 10-10 | | 17,6 F |
| 10-27 | 43,15 G | |
| 39 8-23 | 43,06 G | 15,8 F |
| 10- 9 | 43,13 G | |
| 41 8- 4 | 43,40 G | |
| 8- 6 | 43,05 G | |
| 8-21 | 42,87 G | |
| 8-22[1] | 43,06 G | |
| 8-24 | 43,00 G | |
| 46 8-11 | | 15,3 G |
| 49 9- 7 | 43,07 G | |
| 52 10- 9 | 43,13 G | |
| 10-10 | 42,95 G | |
| 10-14 | 42,91 G | |
| 10-15 | 43,00 G | |
| 10-16 | 43,12 G | |
| 10-17 | 43,10 G | |
| 10-18 | 43,04 G | |
| 10-19 | 43,16 G | |
| 10-20 | 43,03 G | |
| 10-21 | 43,12 G | |
| 10-22 | 43,21 G | |
| 11- 3 | 42,99 G | |
| 11- 5 | 43,07 G | |
| 11- 6 | 43,02 G | |
| 11- 8 | 42,99 G | |
| 11- 9 | 43,07 G | |
| 11-10 | 43,03 G | |
| 53 4-14 | 43,10 G | |
| 4-26 | 43,10 G | |
| 4-29 | 43,10 G | |
| 5- 5 | 43,14 G | |
| II. | 19h55m | 62°37′ |
| 58 9-23 | 20s,05 G | |
| 59 7-26 | 20,14 G | |
| III. | 19h55m | 62°35′ |
| 79 7-31 | | 26″,1 G |
| 80 9- 6 | 57s,19 M | 27,8 M |

[1] Æ diminuée de 1s : erreur de réduct.

### 27272 P. — 1383 W1.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 19h55m | 91°13′ |
| 61 9-30 | | 44″,8 G |

### 27273 P. — 38267 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| III. | 19h56m | 59°6′ |
| 69 9-22 | 1s,99 M | 48″,5 M |
| 75 8-23 | 2,12 M | 49,5 M |
| 76 8-23 | 1,93 M | 48,4 M |

### 27274 P. — 38291 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| III. | 19h56m | 48°7′ |
| 80 8-13 | 2s,46 G | 30″,0 G |
| 8-14 | 2,40 G | 29,8 G |
| 8-20 | 2,33 G | 29,4 G |
| 8-23 | 2,27 J | 28,8 J |

### 27275 P. — 7908 Rümker.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 19h55m | 83°5′ |
| 58 9-13 | 18s,74 G | 28″,5 G |

### 27276 P. — 38216 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 19h55m | 113°20′ |
| 58 8- 5 | 9s,51 G | 39″,4 G |
| III. | 19h56m | 113°18′ |
| 69 8-23 | 3s,09 M | 12″,0 M |
| 81 9-15 | 3,27 M | 11,7 M |

### 27277 P. — 38241 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 19h55m | 93°43′ |
| 56 8- 2 | | 42″,6 G |
| 58 9- 8 | 17s,67 G | 41,9 G |
| III. | 19h56m | 93°41′ |
| 78 9- 9 | 4s,83 J | 16″,7 J |

### 27278 P. — 22714 Mn1.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 19h55m | 99°20′ |
| 59 9-24 | 16s,89 G | |

### 27279 P. — 28283 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 19h55m | 53°50′ |
| 53 9-20 | 1s,30 G | |
| III. | 19h56m | 53°45′ |
| 80 8-27 | 7s,61 J | 14″,9 J |
| 8-31 | 7,50 J | 14,5 J |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜. 𝒫.)

### 27280 P. — 38238 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h55m | 99°11' |
| 55 8-30 | | 54",0 G |
| 9-8 | | 54,6 G |
| 57 7-24[1] | 20s,52 G | 57,1 G |
| 8-9 | 20,56 G | |
| 8-16 | 20,44 G | |
| 10-3 | | 56,8 G |
| 58 9-26 | 20,41 G | 56,6 G |
| III. | 19h56m | 99°9' |
| 74 8-22 | 9s,51 G | 31",4 G |

[1] Il y a inversion au tome XIII entre la distance polaire de cette étoile et celle de 38388 L.

### 27281 P. — 5141 Sf. — 5°.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h55m | 94°59' |
| 61 7-18 | 23s,59 G | |

### 27282 P. — 4100 A + 11°.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h55m | 78°3' |
| 60 9-6 | 29s,55 G | 52",5 G |

### 27283 P. — 38253 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 19h54m | 79°41' |
| 40 8-5[1] | 47s,50 G | |
| 8-9 | 47,38 G | 13",4 F |
| 8-16 | 47,39 G | |
| 44 7-2 | 47,41 G | |
| II. | 19h55m | 79°38' |
| 56 8-30 | 30s,20 G | 49",0 G |
| 58 7-21 | | 48,8 G |
| 8-9 | | 49,1 G |
| 59 7-28 | 30,35 G | |

[1] 𝒜 diminuée de 1m.

### 27284 P. — 38242 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 19h54m | 99°27' |
| 40 10-10 | 35s,73 G | |
| 10-15 | 35,71 G | |
| II. | 19h55m | 99°25' |
| 55 8-17 | | 28",9 G |
| 59 9-24 | 24s,83 G | 30,1 G |
| III. | 19h56m | 99°23' |
| 74 8-25[1] | 13s,64 G | 5",8 G |

[1] 𝒜 diminuée de 1s : erreur de moy.

### 27285 P. — 7862 Berlin A.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 19h56m | 71°2' |
| 76 7-26 | 17s,42 M | 38",2 M |
| 79 9-17 | 17,25 G | 38,2 G |
| 80 9-3 | 17,43 M | 37,7 M |
| 81 8-6[1] | 17,49 M | 37,1 M |

[1] 𝒫 augmentée de 3",3 : erreur de 20" sur un microscope.

### 27286 P. — 38248 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h55m | 90°59' |
| 57 8-11 | 32s,29 G | |
| 60 8-12 | 32,29 G | |
| 9-1 | 32,47 G | 36",3 G |
| 61 8-30 | 32,37 G | 36,9 G |
| 62 8-12 | 32,60 G | 36,1 G |
| III. | 19h56m | 90°57' |
| 76 8-12 | 18s,77 G | 9",7 G |
| 8-17 | 18,56 G | 10,7 G |
| 77 8-16 | 18,78 M | 10,9 M |
| 8-17 | 18,83 M | 10,2 M |

### 27287 P. — 38227-28 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 19h54m | 113°1' |
| 39 7-27 | 32s,92 G | |
| 9-18 | 32,67 G | 30",8 F |
| 40 8-8 | 32,70 G | |
| 8-31 | 32,86 G | |
| II. | 19h55m | 112°59' |
| 54 9-27 | 26s,25 G | |
| 55 8-18 | 26,16 G | |
| 58 8-20 | 26,35 G | |
| 59 8-31 | 26,27 G | 5",4 G |
| III. | 19h56m | 112°56' |
| 79 9-3 | 19s,59 J | 40",5 J |
| 9-4 | 19,64 J | 41,8 J |

### 27288 P.

L'observation inscrite primitivement ici était en erreur de 1h : elle se rapporte à 21080 A.O.

### 27289 P. — 38271 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 19h56m | 68°3' |
| 80 9-15 | 25s,57 J | 55",9 J |
| 81 8-5 | 25,52 J | 55,6 J |

### 27290 P. — 38303 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h55m | 52°41' |
| 66 7-25 | 54s,04 G | |

### 27291 P. — 38327 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 19h55m | 65°37' |
| 46 7-9 | | 33",8 G |
| 8-21 | 10s,54 G | 32,1 G |
| 11-14 | 10,63 G | |
| 47 10-27 | 10,67 G | |
| 10-28 | 10,71 G | |
| 10-29 | 10,75 G | |
| 48 7-14 | 10,56 G | |
| 8-28 | | 32,7 G |
| II. | 19h55m | 65°35' |
| 58 8-28 | | 7",4 G |
| 62 7-21 | 48s,84 G | |
| 7-24 | 48,78 G | |
| 7-25 | 48,85 G | |
| 8-1 | 48,81 G | |
| 63 8-8 | 48,82 G | |
| 8-9 | 48,75 G | |
| 8-14 | 48,62 M | |
| 8-14 | 48,83 G | |
| 8-17 | 48,84 G | |
| 8-25 | 48,86 G | |
| 9-11 | 48,69 G | |
| 9-12 | 48,80 G | |
| 9-15 | 48,79 G | |
| 64 7-29 | 48,86 G | |
| 8-2 | 48,81 G | |
| 8-7 | 48,78 G | |
| 8-8 | 48,81 G | |
| 8-10 | 48,85 G | |
| 8-11 | 48,79 G | |
| 8-16 | 48,82 G | |
| 8-17 | 48,73 G | |
| 8-24 | 48,89 G | |
| 8-27 | 48,92 G | |
| 9-4 | 48,73 G | |
| 9-5 | 48,73 G | |
| 9-6 | 48,74 G | |
| 9-9 | 48,84 G | |
| 9-12 | 48,84 G | |
| 65 9-1 | 48,86 G | |
| III. | 19h56m | 65°32' |
| 72 7-19 | 26s,96 G | |
| 81 8-22 | 27,11 J | 42",5 J |
| 9-4 | 26,63 J | 43,5 J |

### 27292 P. — 38243 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 19h54m | 105°50' |
| 41 9-21 | 46s,41 G | |
| 9-22 | 46,48 G | |
| 10-1 | 46,30 G | |
| 10-8 | 46,41 G | |
| II. | 19h55m | 105°48' |
| 54 9-4 | 37s,39 G | |
| 9-28 | 37,50 G | 4",5 G |
| 57 9-9 | | 6,2 G |

### 27292 P. (suite).

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 19h56m | 105°45' |
| 70 8-19 | 28s,61 M | 41",0 M |
| 8-20 | 28,55 M | 40,7 M |

### 27293 P. — 38341 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 19h56m | 38°3' |
| 81 8-7 | 30s,73 G | 43",6 G |
| 8-8 | | 46,6 G |

### 27294 P. — 38254 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h55m | 87°3' |
| 57 7-21 | | 58",9 G |
| 8-22 | 46s,52 G | 57,1 G |
| 10-15 | 46,52 G | |
| 58 9-28 | 46,49 G | |
| 59 7-21 | 46,63 G | 58,2 G |

### 27295 P. — 38345-46 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 19h55m | 38°16' |
| 40 9-12[1] | | 33",3 F |
| III. | 19h56m | 38°11' |
| 81 8-1 | 35s,18 G | 37",8 G |
| 8-8 | 35,32 G | |

[1] Observation faite près du zenith sans indication de la position de l'observateur : on n'a pas tenu compte de la valeur de l'équation personnelle dans le calcul de la distance polaire.

### 27296 P. — 38252 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h55m | 95°1' |
| 59 7-12 | | 10",7 G |
| 61 7-18[1] | 49s,71 G | 11,7 G |
| III. | 19h56m | 94°58' |
| 79 9-11 | 37s,26 J | 45",3 J |

[1] 𝒜 diminuée de 0s,40 : l'observateur a augmenté à tort 2 fils de 1s.

### 27297 P. — 38240 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h55m | 116°42' |
| 55 9-25 | 46s,68 G | 59",3 G |
| III. | 19h56m | 116°40' |
| 79 9-2 | 41s,71 M | 34",8 M |

Dates 1800 + — Positions moyennes pour les époques du Catal.

**27298 P. — 38296-97 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **I.** | |
| | | 19$^h$55$^m$ | 65°29′ |
| 39 | 7-28 | 26$^s$,97 G | |
| | 9- 9 | 26,71 G | |
| 46 | 7- 9 | 26,80 G | |
| | 7-20 [1] | 26,83 G | 33″,8 G |
| | 9-29 | 26,91 G | 32,5 G |
| | 11-11 | | 32,2 G |
| 51 | 8-25 | 27,03 G | |
| 52 | 11- 3 | | 32,0 G |
| | | **II.** | |
| | | 19$^h$56$^m$ | 65°27′ |
| 57 | 7-26 | | 3″,5 G |
| 58 | 8-28 | 5$^s$,26 G | |
| | | **III.** | |
| | | 19$^h$56$^m$ | 65°24′ |
| 79 | 7-29 | 43$^s$,22 G | 36″,9 G |

[1] 𝒜 diminuée de 1$^m$ : err. de transcr.

**27299 P. — 38286 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **III.** | |
| | | 19$^h$56$^m$ | 69°33′ |
| 81 | 8-21 | 44$^s$,59 J | 0″,1 J |

**27300 P. — 20194-95 A.O.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **II.** | |
| | | 19$^h$55$^m$ | 118°8′ |
| 58 | 8-19 | 49$^s$,38 G | |

**27301 P. — 38323-24 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **III.** | |
| | | 19$^h$56$^m$ | 48°20′ |
| 80 | 8-26 | 45$^s$,54 J | 10″,5 J |
| | 8-30 | 45,64 G | 8,7 G |

**27302 P. — 38282 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **I.** | |
| | | 19$^h$55$^m$ | 78°4′ |
| 43 | 8-31 [1] | | 8″,8 F |
| | | **II.** | |
| | | 19$^h$56$^m$ | 78°1′ |
| 58 | 8-11 | 5$^s$,89 G | 45″,0 G |
| | 8-24 | 5,92 G | 44,1 G |
| 60 | 9- 6 [2] | 5,85 G | 50,1 G |
| | 9- 6 | | 44,6 F |
| 61 | 8- 1 | 5,93 G | 44,9 G |

[1] 𝒟 diminuée de 30″ (1 tour de vis des microscopes).
[2] 𝒟 non comprise dans la moyenne.

**27303 P. — 38294 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **III.** | |
| | | 19$^h$56$^m$ | 69°25′ |
| 81 | 8- 1 | 48$^s$,45 J | 13″,7 J |

**27304 P. — 38313 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **III.** | |
| | | 19$^h$56$^m$ | 55°45′ |
| 68 | 8- 4 | 48$^s$,75 G | |
| 79 | 9- 1 | 48,79 G | 45″,3 G |
| 80 | 7-27 | 48,97 M | 48,9 M |

**27305 P. — 38279 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **I.** | |
| | | 19$^h$55$^m$ | 82°1′ |
| 41 | 8-27 | 23$^s$,41 G | |
| | 8-28 | 23,52 G | |
| | 8-30 | 23,36 G | 54″,3 F |
| | 9-10 | 23,42 G | |
| | 9-11 [1] | 23,42 G | 53,1 F |
| | 9-19 | 23,50 G | |
| | | **II.** | |
| | | 19$^h$56$^m$ | 81°59′ |
| 57 | 7-13 | 7$^s$,01 G | 28″,0 G |
| | 7-23 | 6,98 G | |
| | 8-20 | 7,18 G | 27,2 G |
| | 9-29 | 7,20 G | |
| | 10- 2 | 7,04 G | 28,1 G |

[1] 𝒟 augmentée de 5″ : erreur de moy.

**27306 P. — 38287 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **II.** | |
| | | 19$^h$56$^m$ | 74°46′ |
| 58 | 9- 6 | 10$^s$,19 G | 22″,8 G |
| 59 | 7-25 | 10,12 G | |
| | | **III.** | |
| | | 19$^h$56$^m$ | 74°44′ |
| 71 | 8-19 | 51$^s$,22 G | |

**27307 P. — 38302 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **II.** | |
| | | 19$^h$56$^m$ | 65°13′ |
| 59 | 7-25 | | 59″,2 G |
| | 7-31 | 14$^s$,08 G | |
| 61 | 9- 7 | 14,04 G | 57,8 G |
| | 10-12 | 14,32 G | 57,6 G |
| 62 | 9-13 | 14,34 G | 58,1 G |
| | 9-14 | 14,14 G | 57,9 G |
| | 9-16 | 14,11 G | 59,0 G |

**27308 P. — 1401 W$_1$.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **I.** | |
| | | 19$^h$55$^m$ | 84°41′ |
| 40 | 8- 4 | | 25″,4 F |

**27309 P. — 38284 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **II.** | |
| | | 19$^h$56$^m$ | 79°28′ |
| 56 | 7-24 | 11$^s$,92 G | |
| | 9-19 | 12,14 G | 35″,5 G |
| | | **III.** | |
| | | 19$^h$56$^m$ | 79°26′ |
| 71 | 7-31 | 54$^s$,84 G | |
| | 8-16 | 55,20 G | |

**27310 P. — 38301 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **III.** | |
| | | 19$^h$56$^m$ | 68°11′ |
| 81 | 8-24 | 56$^s$,68 J | 44″,0 J |

**27311 P. — 27476 Gould.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **I.** | |
| | | 19$^h$55$^m$ | 114°24′ |
| 47 | 10-22 | 10$^s$,09 G | |

**27312 P. — 1411 W$_1$.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **II.** | |
| | | 19$^h$56$^m$ | 79°27′ |
| 56 | 9-19 | 15$^s$,21 G | |

**27313 P. — 38317 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **III.** | |
| | | 19$^h$56$^m$ | 59°13′ |
| 68 | 7-30 | 57$^s$,95 G | |
| | 8- 1 | 58,06 G | |
| 74 | 9-14 | 58,15 M | 45″,1 M |
| 75 | 9- 7 | 58,16 M | 42,1 M |
| 76 | 8- 1 | 58,32 M | 44,9 M |

**27314 P. — 38292 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **II.** | |
| | | 19$^h$56$^m$ | 75°48′ |
| 57 | 8-13 | | 18″,8 G |
| 58 | 9-12 | 17$^s$,32 G | 20,2 G |
| | 9-27 | 17,29 G | |

**27315 P. — 38281 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **II.** | |
| | | 19$^h$56$^m$ | 85°39′ |
| 56 | 5-23 | | 30″,1 G |
| | 9- 6 | 14$^s$,93 G | |
| 57 | 7-12 | 15,04 G | |
| | 8- 7 | | 31,0 G |

**27316 P. — 38275 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **I.** | |
| | | 19$^h$55$^m$ | 90°20′ |
| 40 | 8-15 | | 20″,1 F |
| | | **III.** | |
| | | 19$^h$57$^m$ | 90°15′ |
| 68 | 9- 8 | 2$^s$,14 M | 30″,5 M |
| 75 | 7-24 | 2,22 G | 30,9 G |
| | 7-29 | 2,16 G | 31,4 G |
| 76 | 8- 1 | 1,96 G | 30,9 G |
| | 8- 4 | 2,02 G | 31,0 G |
| | 8- 9 | 2,10 G | 31,0 G |

**27317 P. — 38250 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **I.** | |
| | | 19$^h$55$^m$ | 112°37′ |
| 40 | 9-12 | 16$^s$,18 G | |
| | | **II.** | |
| | | 19$^h$56$^m$ | 112°34′ |
| 57 | 8-12 | 9$^s$,47 G | 42″,6 G |
| 61 | 8-24 | | 44,4 G |
| | 8-29 | 9,41 G | 44,2 G |
| | 9-25 | 9,58 G | |
| 62 | 9-17 | 9,46 G | 44,4 G |
| | | **III.** | |
| | | 19$^h$57$^m$ | 112°32′ |
| 69 | 8-20 | 2$^s$,82 M | 17″,9 M |
| | 8-27 [1] | 2,62 M | 17,2 M |

[1] 𝒟 augmentée de 1′.

**27318 P. — 38295 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **II.** | |
| | | 19$^h$56$^m$ | 77°59′ |
| 58 | 8-24 | 21$^s$,25 G | |
| 59 | 8-16 | 21,07 G | 45″,6 G |
| 61 | 8- 1 | 21,21 G | |
| | | **III.** | |
| | | 19$^h$57$^m$ | 77°57′ |
| 79 | 9-17 | 3$^s$,45 J | 18″,6 J |

**27319 P. — 38337 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **I.** | |
| | | 19$^h$56$^m$ | 50°7′ |
| 40 | 8-29 | | 42″,7 F |
| | 8-31 | | 43,8 F |

**27320 P. — 1852 W$_1$.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **I.** | |
| | | 19$^h$55$^m$ | 62°47′ |
| 39 | 8-21 | 53$^s$,12 G | |
| | 8-23 | 53,05 G | 6″,8 F |

**27321 P. — 38354 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **III.** | |
| | | 19$^h$57$^m$ | 46°4′ |
| 80 | 8- 3 | 10$^s$,87 G | 50″,3 G |
| | 8-27 | 10,59 G | 51,1 G |

**27322 P. — 38268 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | **II.** | |
| | | 19$^h$56$^m$ | 99°30′ |
| 55 | 8-11 | | 55″,6 G |
| 57 | 7-11 [1] | 23$^s$,42 G | |
| 60 | 9- 5 | 23,23 G | 56,8 G |
| 62 | 9-15 | 23,28 G | 55,9 G |

[1] 𝒜 augmentée de 0$^s$,60 : err. de 1$^s$ sur trois fils.

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜., 𝒟.)

**27323 P. — 38269 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h56m | 99°35' |
| 58 10-5 | | 9",6 G |
| III. | 19h57m | 99°32' |
| 79 8-16 | 13s,24 J | 43",2 J |

**27324 P. — 38280 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 19h55m | 97°53' |
| 41 7-15 | 40s,66 G | |
| II. | 19h56m | 97°51' |
| 55 8-18 | | 29",6 G |
| 8-27 | 28s,91 G | |
| III. | 19h57m | 97°49' |
| 74 8-29 | 17s,62 G | 3",5 G |

**27325 P. — 38304 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h56m | 82°3' |
| 57 7-27[1] | 38s,86 G | 34",0 G |
| 58 7-13 | | 35,1 G |
| III. | 19h57m | 82°1' |
| 74 8-3 | 22s,66 M | 8",3 M |
| 8-6 | 22,70 M | 8,8 M |
| 8-20 | 22,63 G | |

[1] 𝒟 augmentée de 10" : l'observateur, pour obtenir l'accord entre les deux microscopes lus, a augmenté l'un de 10", tandis qu'il eût fallu diminuer l'autre de 10".

**27326 P. — 38319 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h56m | 72°5' |
| 58 7-26 | 44s,74 G | 34",2 G |
| III. | 19h57m | 72°3' |
| 79 9-22 | 25s,30 J | 7",7 J |
| 9-24 | 25,26 J | 8,6 J |
| 9-30 | 25,34 J | 8,2 J |

**27327 P. — 38362 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 19h56m | 49°34' |
| 40 9-21 | 28s,85 G | |
| III. | 19h57m | 49°29' |
| 80 9-5 | 31s,59 G | 17",1 G |
| 81 9-29 | 31,49 G | 17,6 G |

**27328 P. — 22810 Mn1.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h56m | 75°19' |
| 58 7-17 | 49s,83 G | |

**27329 P. — 27487 Gould.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 19h55m | 119°30' |
| 48 7-28 | 42s,30 G | |

**27330 P. — 38262 et 64 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h56m | 117°12' |
| 55 9-7 | 39s,22 G | |
| 61 8-28 | 39,14 G | |
| 8-31 | 39,25 G | 19",8 G |
| III. | 19h57m | 117°9' |
| 79 8-25 | 34s,22 J | 53",4 J |

**27331 P. — 1886 W2.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 19h56m | 50°8' |
| 40 8-31 | | 39",8 G |

**27332 P. — 5565 Sf — 13°.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 19h55m | 103°41' |
| 47 8-26 | 55s,83 G | |
| 8-28[1] | 55,84 G | 40",3 F |

[1] 𝒜 augmentée de 1m : err. de transcr.

**27333 P. — 38276-77 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h56m | 111°42' |
| 55 8-11 | 43s,57 G | |
| 59 10-17 | | 19",7 G |
| III. | 19h57m | 111°39' |
| 69 8-25 | 36s,34 M | 50",6 M |
| 79 8-20 | 36,67 J | 51,2 J |
| 80 7-22 | 36,74 M | 50,7 M |
| 81 8-18 | 36,78 M | 51,8 M |

**27334 P. — 4328 A + 4°.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 19h56m | 85°54' |
| 45 8-9 | | 49",1 G |

**27335 P. — 5260 Sf. — 10°.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h56m | 100°26' |
| 54 9-8 | 49s,24 G | |

**27336 P. — 38328 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h56m | 71°53' |
| 56 9-20 | 59s,53 G | |
| 58 7-12 | | 18",3 G |
| 10-2 | 59,66 G | 18,1 G |

**27337 P. — 38377 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 19h57m | 46°13' |
| 80 8-4 | 40s,69 G | 39",5 G |
| 9-15 | 40,70 G | 40,5 G |

**27338 P. — 38349-50 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h57m | 61°52' |
| 58 8-8 | 4s,25 G | |
| 11-11 | 4,21 G | 26",9 G |
| III. | 19h57m | 61°50' |
| 73 7-25 | 41s,06 G | |
| 8-4 | 41,09 G | |
| 74 8-19 | 41,05 M | 0",7 M |

**27339 P. — 38315 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h56m | 86°16' |
| 57 8-18 | 58s,99 G | |
| III. | 19h57m | 86°13' |
| 79 7-17 | 43s,79 J | 54",1 J |
| 7-29 | 43,77 J | 55,1 J |

**27340 P. — 14 Flèche.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 19h56m | 74°23' |
| 46 7-22 | 24s,36 G | 59",9 G |
| 8-12 | | 59,3 G |
| 48 8-12 | | 57,4 G |

**27341 P. — 38290 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h56m | 109°9' |
| 54 9-7 | 56s,18 G | 54",2 G |
| 9-27 | | 50,4 G |
| 58 9-27 | | 53,7 F |
| III. | 19h57m | 109°7' |
| 79 9-20 | 48s,35 J | 23",2 J |
| 80 9-25 | 48,04 M | 23,5 M |

**27342 P. — 38381 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 19h57m | 44°52' |
| 80 9-24 | 48s,20 G | 16",9 G |
| 81 8-22 | 48,32 G | 16,9 G |

**27343 P. — 38393-94 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 19h56m | 40°19' |
| 46 8-23 | | 22",7 G |
| III. | 19h57m | 40°14' |
| 81 8-6 | 49s,16 G | 27",8 G |
| 8-24 | 49,46 G | |

**27344 P. — 38326 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 19h57m | 79°55' |
| 56 7-5 | | 50",4 G |
| 57 10-6 | | 50,1 G |
| 58 6-7 | 7s,60 G | |
| 7-3 | | 49,6 G |
| 9-5[1] | 7,71 G | |

[1] 𝒜 dimin. de 0s,40 : err. de moy.

**27345 P. — 38356 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 19h57m | 63°27' |
| 81 7-27 | | 25",7 J |
| 9-17 | 54s,16 J | 25,4 J |

**27346 P. — 38368 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 19h57m | 58°23' |
| 81 8-7 | 55s,10 J | 23",3 J |

**27347 P. — 38321 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 19h56m | 91°8' |
| 39 8-24 | 23s,99 G | |
| 40 8-17 | 23,97 G | |
| 8-20 | 23,89 G | |
| 46 7-12 | 23,78 G | |
| 8-26 | 24,04 G | 14",3 F |
| 9-12 | 23,83 G | |
| 9-13 | 23,97 G | |
| 9-14 | 23,91 G | |
| 9-15 | 23,92 G | |
| 9-16 | 23,92 G | |
| 9-17 | 23,99 G | |
| 9-18 | | 14,6 G |
| 9-19 | 24,02 G | |
| 9-22 | 23,89 G | |
| 9-23 | 23,94 G | |
| 9-26 | 23,85 G | |
| 47 8-13 | 23,66 G | |
| 10-22 | | 14,3 F |
| 49 7-26 | 23,85 G | |
| 8-19 | 23,86 G | |

| Dates 1800+ A. | M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|---|

**27347 P. (suite).**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | **II.** | $19^h57^m$ | 91°5′ |
| 55 | 8- 6 | | 47",2 G |
| 61 | 9-30 | | 49,1 G |
| | **III.** | $19^h57^m$ | 91°3′ |
| 76 | 8-25 | 56s,69 G | 23",6 G |
| | 9-22 | 56,77 G | 23,0 G |
| | 9-23 | 56,64 G | 23,0 G |

**27348 P. — 20215 A. O.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | **III.** | $19^h57^m$ | 109°3′ |
| 69 | 8-24 | 59s,19 M | 36",2 M |
| 81 | 8- 2 | 59,22 M | 38,5 M |

**27349 P. — 38332 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | **I.** | $19^h56^m$ | 83°9′ |
| 37 | 6-19 | | 19",4 F |
| | 6-22 | 34s,01 G | 17,6 F |
| | 6-23 | 34,06 G | |
| | 7-21 | 33,97 G | |
| | 7-24 | | 21,9 F |
| | 8- 6[1] | 33,95 G | 18,9 F |
| | 8-16 | 33,96 G | |
| | 8-17 | 33,98 G | |
| | 8-18 | 33,98 G | |
| | 8-25 | | 20,0 F |
| | 9- 6[2] | | 18,9 F |
| | 10-22 | 34,01 G | |
| 38 | 10- 4 | 34,06 G | |
| | 10-27 | 34,01 G | |
| 41 | 7-29 | 34,09 G | |
| | 8- 6 | 33,88 G | |
| | 8-13 | 34,00 G | |
| | 8-14 | 34,12 G | 19,9 F |
| | 8-18 | 34,09 G | 16,3 F |
| | 8-21 | 34,04 G | |
| | 8-22 | 33,96 G | |
| | 8-24 | 34,08 G | |
| 43 | 8- 8[1] | 33,98 G | 18,0 F |
| | 8- 9 | 33,95 G | 19,1 G |
| | 8- 9 | | 19,6 F |
| 44 | 10-28 | 33,98 G | |
| 53 | 10- 8 | 34,13 G | |
| | **II.** | $19^h57^m$ | 83°6′ |
| 55 | 10- 8 | 17s,95 G | 52",0 G |
| | 10-21 | 18,05 G | |
| 56 | 7-29 | | 51,6 G |
| | 9-27 | 17,71 G | |
| | 10-28 | 17,92 G | |
| 58 | 8-28[3] | | 50,6 F |
| | 9-13 | 17,81 G | 51,4 G |
| 62 | 9-11 | | 50,9 G |

[1] 𝒜 augmentée de 1m.

[2] 𝒟 augmentée de 2′30″ : (5 tours de vis des microscopes).

[3] 𝒟 diminuée de 10″ : err. de moy.

**27350 P. — 38338 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | **I.** | $19^h56^m$ | 79°45′ |
| 40 | 8- 9 | 37s,08 G | 6",5 F |
| | 8-16 | 37,20 G | |
| | **II.** | $19^h57^m$ | 79°42′ |
| 57 | 10-13 | 19s,75 G | 36",5 G |
| 59 | 7-14 | 19,82 G | |
| | **III.** | $19^h58^m$ | 79°40′ |
| 79 | 7-30 | 2s,76 M | 9",5 M |
| | 8-26 | 2,83 G | 9,2 G |

**27351 P. — 38347 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | **I.** | $19^h56^m$ | 75°26′ |
| 39 | 9- 6 | | 55",4 F |
| | **II.** | $19^h57^m$ | 75°24′ |
| 58 | 7-17 | 22s,17 G | 29",7 G |
| | 8-16 | 21,91 G | 30,5 G |
| | 9-11 | 22,10 G | 30,6 G |
| | 9-18 | | 29,7 G |
| | 10-12 | 21,86 G | |

**27352 P. — 38333 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | **II.** | $19^h57^m$ | 85°58′ |
| 56 | 9- 4 | 21s,70 G | |
| 57 | 10-12 | 21,83 G | 49",7 G |
| 59 | 7- 2 | | 49,3 G |

**27353 P. — 38312 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | **II.** | $19^h57^m$ | 102°21′ |
| 54 | 9-11 | 17s,48 G | 25",9 G |
| 59 | 8- 7 | 17,58 G | 26,2 G |

**27354 P. — 7936 Rümker.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | **II.** | $19^h57^m$ | 95°0′ |
| 61 | 7-18 | 22s,05 G | |

**27355 P. — 38318 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | **I.** | $19^h56^m$ | 102°2′ |
| 40 | 8-29 | 31s,97 G | |
| 46 | 7-28 | 31,49 G | |
| | 9- 2 | 31,62 G | |
| 48 | 7-10 | 31,58 G | |
| | 7-17 | 31,60 G | |
| | 7-26 | 31,76 G | |
| | 9-15 | 31,59 G | |

**27355 P. (suite).**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | **II.** | $19^h57^m$ | 101°59′ |
| 54 | 8-25 | 21s,39 G | |
| | 9- 1 | | 32",2 G |
| 59 | 7-17 | | 31,8 G |
| | **III.** | $19^h58^m$ | 101°57′ |
| 79 | 9-18 | 11s,14 J | 4",8 J |

**27356 P. — 38382 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | **II.** | $19^h57^m$ | 52°34′ |
| 67 | 9- 6 | | 39",6 G |
| | **III.** | $19^h58^m$ | 52°32′ |
| 74 | 8-20 | 13s,89 M | 11",1 M |
| | 8-22 | 13,96 M | 12,7 M |

**27357 P. — 38372 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | **III.** | $19^h58^m$ | 65°25′ |
| 80 | 8-30 | 14s,15 J | 4",2 J |
| | 9- 1 | 14,12 J | 3,5 J |

**27358 P. — 38353 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | **II.** | $19^h57^m$ | 78°35′ |
| 58 | 8-31 | 32s,08 G | 50",9 G |
| | **III** | $19^h58^m$ | 78°33′ |
| 79 | 9- 2 | 14s,67 G | 22",4 G |
| | 9- 3 | 14,60 G | 23,7 G |

**27359 P. — 38421 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | **III.** | $19^h58^m$ | 37°17′ |
| 81 | 7-27 | 14s,76 G | 21",2 G |
| | 8- 2 | 14,89 G | 22,7 G |

**27360 P. — 38314 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | **II.** | $19^h57^m$ | 106°45′ |
| 54 | 9- 3 | 23s,56 G | 59",5 G |
| | **III.** | $19^h58^m$ | 106°43′ |
| 79 | 9- 2 | 14s,99 J | 32",7 J |

**27361 P. — 38370 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | **I.** | $19^h56^m$ | 67°29′ |
| 49 | 10-19 | 57s,69 G | |
| 53 | 8- 5 | 57,74 G | 26",2 G |
| | 9-12 | 57,72 G | 27,1 F |

**27361 P. (suite).**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | **II.** | $19^h57^m$ | 67°26′ |
| 58 | 8- 7 | 36s,47 G | |
| 60 | 8-10 | 36,46 G | 59",4 G |
| | 8-17 | 36,53 G | 59,5 F |
| | 9- 9 | 36,38 G | 60,5 G |
| | 9-15 | 36,55 G | 60,1 G |

**27362 P. — 38359 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | **II.** | $19^h57^m$ | 75°17′ |
| 58 | 8-16 | 34s,66 G | |
| | **III.** | $19^h58^m$ | 75°14′ |
| 80 | 8-13 | 16s,20 M | 59",8 M |
| | 8-14 | 16,26 M | 60,2 M |

**27363 P. — 3018 Gr.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | **I.** | $19^h57^m$ | 50°57′ |
| 40 | 9-29 | 13s,11 G | |
| | 9-30 | 12.97 G | |

**27364 P. — 2567 Br.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | **I.** | $19^h56^m$ | 73°18′ |
| 39 | 8-19 | 57s,21 G | |
| 49 | 8-11 | | 37",5 G |

**27365 P. — 38322 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | **II.** | $19^h57^m$ | 103°15′ |
| 54 | 8-26 | 30s,97 G | |
| 58 | 8-15 | | 14",3 G |
| | 9- 9 | | 13,4 G |
| | **III.** | $19^h58^m$ | 103°12′ |
| 79 | 9-25 | 21s,29 J | 45",9 J |

**27366 P. — 1904-05 $W_2$.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | **II.** | $19^h57^m$ | 60°26′ |
| 58 | 8-30 | 46s,03 G | |
| | 9-14 | 46,18 G | |
| | 9-19 | 46,41 G | |
| 60 | 7-24 | 46,31 G | |

**27367 P. — 38373 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | **II.** | $19^h57^m$ | 69°20′ |
| 59 | 9-24 | 43s,18 G | 29",6 G |
| | **III.** | $19^h58^m$ | 69°18′ |
| 79 | 9- 7 | 22s,67 G | 2",2 G |
| 81 | 8- 2 | 22,64 J | 1,3 J |

Dates 1800 +, A. M. J. — Positions moyennes pour les époques du Catal. (𝒜., 𝒟.)

### 27368 P. — 38348 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $19^h57^m$ | 89°14′ |
| 55 11- 2 | $39^s,07$ G | |
| 57 8-17 | 39,00 G | 10″,9 G |
| | III. | |
| | $19^h58^m$ | 89°11′ |
| 73 7-25 | $24^s,91$ M | 43″,6 M |
| 9- 8 | 25,01 M | 43,4 M |

### 27369 P. — 38380 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $19^h57^m$ | 60°28′ |
| 58 8-30 | $51^s,73$ G | |
| 9-14 | 52,06 G | 28″,0 G |
| 9-16 | 51,96 G | |
| 9-19 | 52,35 G | |
| 11- 4 | 52,14 G | |
| 59 11-12 | 51,78 G | |
| 60 7-24 | 52,01 G | 28,4 G |
| 62 8- 6 [1] | 51,96 G | 29,5 G |

[1] 𝒜 augmentée de $1^m$ : erreur de réduct.

### 27370 P. — 38335 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $19^h56^m$ | 98°32′ |
| 40 8-20 | | 20″,3 F |
| 10-10 | $51^s,39$ G | |
| 10-15 | 51,49 G | |
| | II. | |
| | $19^h57^m$ | 98°29′ |
| 55 9- 8 | $40^s,12$ G | |
| | III. | |
| | $19^h58^m$ | 98°27′ |
| 68 9- 4 | $28^s,80$ M | 27″,4 M |
| 74 8-25 | 28,73 G | 28,1 G |
| 8-29 | 28,88 G | 26,8 G |

### 27371 P. — 38330-31 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $19^h56^m$ | 103°5′ |
| 39 9-18 | $49^s,06$ G | 51″,6 F |
| 46 10-23 | 49,01 G | |
| 11- 4 | 48,90 G | |
| 48 7-11 | 49,02 G | |
| 49 9-15 | 49,09 G | |
| 52 10-23 | 49,02 G | |
| | II. | |
| | $19^h57^m$ | 103°3′ |
| 54 8-28 | $38^s,92$ G | 28″,2 G |
| 58 9- 9 | 39,08 G | |
| 10- 8 | | 26,9 G |

### 27372 P. — 38365 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $19^h57^m$ | 79°34′ |
| 58 7-21 | | 44″,1 G |
| 59 7-14 | | 44,7 G |

### 27372 P. (suite).

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $19^h58^m$ | 79°32′ |
| 71 9-11 | $29^s,53$ G | |

### 27373 P. — 15 Flèche.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $19^h57^m$ | 73°20′ |
| 39 7-30 [1] | $8^s,60$ G | 40″,9 F |
| 8-19 | 8,53 G | |
| 9- 6 | | 42,5 F |
| 46 7-17 [2] | 8,32 G | |
| 8-17 | 8,24 G | |
| 47 8-27 | 8,54 G | |
| 9-10 | | 47,8 G |
| 49 9-25 | 8,33 G | |
| 50 8-12 | | 46,1 G |
| 52 11- 9 | | 49,0 G |

[1] 𝒟 augmentée de 2″,6 : erreur de moy.

[2] 𝒜 augmentée de $0^s,40$ : l'observateur a dimin. à tort de $1^s$ les deux derniers fils.

### 27374 P. — 1450 $W_1$.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $19^h57^m$ | 82°18′ |
| 41 8-27 [1] | $3^s,22$ G | |
| 8-28 | 3,36 G | |
| 8-30 | 3,34 G | |
| 9-11 | 3,12 G | |
| | II. | |
| | $19^h57^m$ | 82°15′ |
| 57 10- 2 | $46^s,94$ G | |

[1] Erreur de 20′ dans la décl. approchée inscrite au Tome IV. Le Cahier-minute porte ★ $h = 48°53′$.

### 27375 P. — 38342 à 44 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $19^h57^m$ | 94°42′ |
| 55 9-26 | $43^s,67$ G | 16″,4 G |
| 9-27 | | 17,1 G |
| 56 7-30 | | 16,8 G |
| 7-31 | 43,64 G | |
| | III. | |
| | $19^h58^m$ | 94°39′ |
| 76 8-12 | $31^s,12$ G | 45″,5 G |
| 8-17 | 30,93 G | 45,6 G |

### 27376 P. — 38366 L (la 1re).

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $19^h57^m$ | 81°9′ |
| 62 9- 9 | $49^s,77$ G | 14″,3 G |
| 9-20 | 49,89 G | 14,6 G |

### 27377 P. — 38366 L (le centre).

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $19^h57^m$ | 81°9′ |
| 58 9-15 | $49^s,85$ G | |
| 60 9-11 | | 10″,5 G |
| 9-16 | | 9,6 G |

### 27378 P. — 38366 L (la 2e).

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $19^h57^m$ | 81°9′ |
| 60 9-11 | $50^s,13$ G | |
| 61 7-15 | 50,15 G | |
| 8-30 | | 8″,9 G |

### 27379 P.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $19^h57^m$ | 69°20′ |
| 59 9-24 | $55^s,22$ G | |

### 27380 P. — 38376 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $19^h57^m$ | 72°39′ |
| 58 7-16 | $54^s,98$ G | |
| 8- 9 | | 27″,8 G |
| | III. | |
| | $19^h58^m$ | 72°36′ |
| 79 9- 8 | $35^s,50$ G | 59″,3 G |

### 27381 P. — 38360 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $19^h57^m$ | 87°59′ |
| 40 8-15 | | 31″,9 F |

### 27382 P. — 38383 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $19^h58^m$ | 66°58′ |
| 80 9- 9 | $38^s,45$ J | 50″,7 J |
| 9-27 | 38,33 J | 49,8 J |

### 27383 P. — 38351 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $19^h57^m$ | 96°58′ |
| 56 8- 2 | $50^s,64$ G | |
| 57 7-31 | | 44″,7 G |
| 8-28 [1] | | 45,2 G |
| | III. | |
| | $19^h58^m$ | 96°56′ |
| 74 8-22 | $38^s,75$ G | 17″,4 G |
| 76 8-25 | 38,87 M | 15,9 M |

[1] 𝒟 augmentée de 1′ : erreur de réduct.

### 27384 P. — 387 Piazzi.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $19^h56^m$ | 105°51′ |
| 41 9-21 | $56^s,98$ G | |
| 9-22 | 56,82 G | |
| 10- 1 | 56,84 G | |
| 10- 8 | 56,83 G | |

### 27384 P. (suite).

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $19^h58^m$ | 105°46′ |
| 70 8-19 | $39^s,07$ M | 36″,0 M |
| 80 8-30 | 38,96 M | 36,1 M |
| 8-31 | 38,98 M | 36,0 M |

### 27385 P. — 38403 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $19^h58^m$ | 50°10′ |
| 81 8-14 | $39^s,09$ J | 36″,3 J |

### 27386 P. — 38375 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $19^h57^m$ | 78°45′ |
| 58 10- 3 | $59^s,27$ G | 44″,1 G |
| 10- 9 | 59,44 G | 44,5 G |

### 27387 P. — 38334 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $19^h57^m$ | 106°8′ |
| 54 9- 6 | $50^s,46$ G | 50″,6 G |
| | III. | |
| | $19^h58^m$ | 106°6′ |
| 80 8-11 | $41^s,92$ M | 26″,0 M |

### 27388 P. — 38392 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $19^h57^m$ | 60°26′ |
| 41 7-15 | | 43″,6 F |
| | II. | |
| | $19^h58^m$ | 60°24′ |
| 58 9-14 | $6^s,05$ G | |
| 9-16 [1] | 5,88 G | |
| 11- 4 | 6,03 G | |
| 60 7-24 [2] | 6,09 G | 11″,0 G |
| 62 8- 6 | | 9,7 G |

[1] Erreur de 45′ dans la déclinaison approchée inscrite au tome XIV. Le Cahier-minute porte ★ $h = 70°46′$; l'étoile d'ailleurs a été observée sur le même calage que 38380 L.

[2] 𝒟 diminuée de 14″,7; erreur dans le calcul de la distance du fil mobile au fil fixe.

### 27389 P. — 38395 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $19^h58^m$ | 62°50′ |
| 81 8- 6 | $48^s,68$ J | 40″,6 J |
| 8- 8 | 48,69 J | 41,3 J |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜, 𝒟)

**27390 P. — 38339 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $19^h57^m$ | 109°5′ |
| 54 8-29[1] | $57^s$,10G | |
| 8-30 | 57,06G | |
| 9-29 | 57,25G | 58″,0G |
| 58 7-11 | | 60,9G |

[1] 𝒜 diminuée de $1^m$.

**27391 P. — 1458 W₁.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | $19^h57^m$ | 82°17′ |
| 41 8-27 | $22^s$,53G | |
| 9-10 | 22,74G | |
| 9-19 | 22,98G | |

**27392 P. — 38371 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $19^h58^m$ | 88°16′ |
| 56 8-31 | $5^s$,19G | 16″,8G |
| 57 7-12 | 5,32G | |
| 59 8-23 | 5,20G | 17,8G |

**27393 P. — 38417 et 19 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | $19^h58^m$ | 48°52′ |
| 80 8-8 | $51^s$,40G | 37″,7G |
| 8-31 | 51,53G | 38,1G |
| 81 7-28[1] | 51,06G | 40,3G |
| 9-17 | | 36,6G |
| 10-5 | 51,58G | 39,0G |

[1] 𝒜 non compr. dans la moy.

**27394 P. — 38386 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $19^h58^m$ | 67°47′ |
| 58 9-23 | $13^s$,75G | 44″,1G |
| III. | $19^h58^m$ | 67°45′ |
| 79 9-7 | $52^s$,79J | 14″,6J |

**27395 P. — 38387 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $19^h58^m$ | 69°18′ |
| 59 9-24 | $16^s$,38G | |

**27396 P. — 38374 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $19^h58^m$ | 89°56′ |
| 55 8-20 | | 23″,4G |
| 58 9-9 | | 22,7F |
| 64 7-29 | $10^s$,92M | 24,8M |
| III. | $19^h58^m$ | 89°53′ |
| 79 7-25 | $56^s$,94J | 55″,1J |
| 7-31 | 56,74J | 55,5J |

**27397 P. — 38329 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $19^h58^m$ | 118°46′ |
| 55 6-23 | $1^s$,27G | |
| 57 6-29 | 1,63G | 4″,4G |
| III. | $19^h58^m$ | 118°43′ |
| 81 9-17 | $57^s$,04M | 35″,7M |
| 10-1 | 57,07M | 37,8M |

**27398 P. — 1465 W₁.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $19^h58^m$ | 74°24′ |
| 58 9-27[1] | $16^s$,43G | |

[1] Notée à tort au tome XIV comme précédant 38399 L. (distance des fils).

**27399 P. — 27515 Gould.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | $19^h57^m$ | 109°55′ |
| 40 9-12 | $13^s$,49G | |

**27400 P. — 38424 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | $19^h57^m$ | 50°9′ |
| 40 8-29 | | 13″,5G |
| 8-31 | | 13,8G |

**27401 P. — 1467 W₁.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $19^h58^m$ | 74°29′ |
| 58 9-27[1] | $21^s$,87G | |

[1] Notée à tort au tome XIV comme 38399 L. (distance des fils).

**27402 P. — 38399 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $19^h58^m$ | 72°27′ |
| 56 8-13 | $24^s$,97G | |
| 60 7-21 | 24,92G | 48″,2G |
| 8-6 | 25,24G | |
| 9-19[1] | 25,19G | |
| 9-29 | | 49,1G |
| 61 9-25 | 25,19G | |
| 62 8-12 | 25,09G | 46,1G |
| III. | $19^h59^m$ | 72°25′ |
| 71 9-3 | $5^s$,52G | |

[1] 𝒜 augm. de $0^s$,22 : err. de réduct.

**27403 P. — 1461 W₁.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $19^h58^m$ | 98°30′ |
| 55 9-15 | | 56″,8G |

**27404 P. — 38357 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $19^h58^m$ | 112°4′ |
| 55 7-30 | $19^s$,81G | 13″,5G |
| III. | $19^h59^m$ | 112°1′ |
| 69 8-19 | $12^s$,71M | |
| 9-1[1] | 12,76M | 44″,4M |
| 79 9-1[2] | 12,43J | 46,2J |
| 9-3 | 12,54J | 43,7J |

[1] 𝒟 augmentée de 1′.
[2] 𝒟 diminuée de 2″ : erreur de réduct.

**27405 P. — 38408 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | $19^h59^m$ | 65°25′ |
| 74 9-1 | $12^s$,92M | 12″,4M |
| 79 9-1 | 12,84G | 11,2G |

**27406 P. — 1932 W₂.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | $19^h59^m$ | 69°19′ |
| 81 9-15 | $13^s$,10J | 54″,7J |

**27407 P. — 38418 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $19^h58^m$ | 59°9′ |
| 67 8-9 | $39^s$,42G | 6″,2G |
| III. | $19^h59^m$ | 59°6′ |
| 68 8-4 | $15^s$,14G | |
| 74 9-18 | 15,27M | 35″,5M |
| 75 7-24 | 15,13M | 35,6M |
| 8-7 | 15,12M | 36,9M |
| 8-23 | 15,13M | 37,2M |
| 9-17 | 15,13M | 37,1M |

**27408 P. — 1470 W₁.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | $19^h57^m$ | 76°39′ |
| 40 8-4[1] | | 48″,6F |
| 8-5 | $51^s$,47G | |
| 8-31 | 51,53G | |
| 44 7-2 | 51,49G | |

[1] 𝒟 diminuée de 30″ (1 tour de vis des microscopes).

**27409 P. — 38367 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $19^h58^m$ | 108°42′ |
| 54 9-5 | $25^s$,32G | |
| 9-9 | 25,22G | |
| 57 9-9 | | 17″,4G |
| III. | $19^h59^m$ | 108°39′ |
| 79 9-2 | $17^s$,23M | 46″,1M |
| 9-3 | 17,16M | 47,5M |

**27410 P. — 38427 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | $19^h59^m$ | 58°25′ |
| 80 8-27 | $22^s$,69J | 0″,0J |
| 8-31 | 22,73J | 0,2J |

**27411 P. — 38448 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | $19^h59^m$ | 43°21′ |
| 80 8-13 | $24^s$,57G | 3″,3G |
| 81 8-5 | 24,24G | 1,2G |

**27412 P. — 38412 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | $19^h59^m$ | 67°53′ |
| 81 8-22 | | 54″,1J |
| 10-1[1] | $25^s$,50J | 56,3J |

[1] 𝒜 augm. de $0^s$,50 : err. de $1^s$ sur 3 fils.

**27413 P. — 1475 W₁.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | $19^h57^m$ | 83°3′ |
| 41 8-13 | $59^s$,31G | |

**27414 P. — 1471 W₁.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $19^h58^m$ | 86°43′ |
| 63 8-11 | $42^s$,23M | |

**27415 P. — 38411 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $19^h58^m$ | 72°31′ |
| 56 8-13 | $47^s$,20G | |
| 59 7-4 | 46,99G | |
| 60 8-6 | 47,20G | 2″,9G |
| 9-5 | 46,97G | 3,0G |
| 9-19[1] | 46,97G | 3,2G |
| 9-19 | | 1,1F |

[1] Erreur de 20″ dans la décl. approchée inscrite à l'observation d'asc. dr. (distance des fils); observée avec 38399 L.

**27416 P. — 1939 W₂.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $19^h58^m$ | 73°43′ |
| 61 8-22 | $48^s$,03G | |

**27417 P. — 38435 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | $19^h59^m$ | 56°48′ |
| 81 8-21 | $33^s$,99J | 6″,0J |

### 27418 P. — 3890 A + 23°.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 19$^h$58$^m$ | 66°42′ |
| 61 8-31 | 56$^s$,77 G | 12″,8 G |
| 9-7 | 56,74 G | 13,2 G |

### 27419 P. — 38423 L.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 19$^h$58$^m$ | 67°11′ |
| 58 7-14 | 56$^s$,63 G | 6″,9 G |
| 60 9-6 | 56,65 G | 7,9 G |
| 62 8-13 | 56,84 G | 5,2 G |

### 27420 P. — η Flèche.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 19$^h$58$^m$ | 70°26′ |
| 39 7-28 | 17$^s$,03 G | |
| 9-6[1] | | 57″,8 F |
| 46 7-9 | 16,88 G | |
| 7-11 | 17,04 G | |
| 8-21 | 17,03 G | 57,4 G |
| 8-22 | 17,07 G | |
| 11-4 | 17,03 G | |
| 47 10-27 | | 58,7 G |
| 10-27 | | 57,2 F |
| 10-28 | 17,08 G | 58,3 G |
| 10-28 | | 56,9 F |
| 10-29 | 17,01 G | |
| 48 11-16 | | 58,3 G |
| 49 9-7 | 17,08 G | |
| 51 8-25 | 17,09 G | |
| 52 10-9 | 17,04 G | |
| 10-10 | 16,98 G | |
| 10-14 | 17,04 G | |
| 10-15 | 17,12 G | |
| 10-16 | 17,05 G | |
| 10-17 | 16,97 G | |
| 10-18 | 17,07 G | |
| 10-19 | 17,09 G | |
| 10-20 | 17,01 G | |
| 10-21 | 17,04 G | |
| 10-22 | 17,09 G | |
| 11-3 | 17,03 G | |
| 11-5 | 17,00 G | |
| 11-6 | 16,96 G | |
| 11-8 | 16,85 G | |
| 11-9 | 17,02 G | |
| 11-10 | 16,99 G | |
| 53 4-26 | 17,05 G | |
| 4-29 | 17,05 G | |
| 5-5 | 16,98 G | |
| 10-10 | 17,16 G | |
| 10-14 | 17,12 G | |
| 10-15 | 16,98 G | |
| | II. | |
| | 19$^h$59$^m$ | 70°24′ |
| 64 7-19 | | 27″,2 G |
| 7-26 | | 27,8 G |
| 7-28 | | 28,0 G |
| 8-1 | | 29,0 G |
| 8-26 | | 28,2 G |

[1] 𝒟 augmentée de 30″ (1 tour de vis des microscopes).

### 27421 P. — 38388 à 90 L.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 19$^h$58$^m$ | 94°28′ |
| 55 8-16 | | 23″,3 G |
| 8-21 | | 25,0 G |
| 8-26 | | 26,2 G |
| 56 8-3 | 49$^s$,55 G | |
| 10-29 | 49,41 G | |
| 57 7-24[1] | 49,16 G | 24,2 G |
| 8-9 | 49,43 G | |
| 8-16 | 49,51 G | |
| 10-16 | 49,44 G | 26,9 G |
| | III. | |
| | 19$^h$59$^m$ | 94°25′ |
| 76 8-4 | 36$^s$,91 G | 56″,8 G |
| 8-9 | 36,98 G | 57,1 G |
| 8-11 | 36,95 G | |
| 79 9-11 | 36,93 J | 57,1 J |

[1] *Voir* 27280 P.

### 27422 P. — 27526 Gould.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 19$^h$58$^m$ | 120°7′ |
| 58 8-19 | | 14″,6 G |

### 27423 P. — 38444 L.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 19$^h$58$^m$ | 49°46′ |
| 40 8-29 | | 44″,3 F |
| | III. | |
| | 19$^h$59$^m$ | 49°41′ |
| 80 8-23 | 37$^s$,73 J | 44″,6 J |
| 10-1 | 38,27 G | 45,3 G |

### 27424 P. — 22973 Mn$_1$.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 19$^h$58$^m$ | 91°18′ |
| 61 9-30 | | 8″,3 G |

### 27425 P. — 38438 L.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 19$^h$59$^m$ | 58°10′ |
| 67 8-31 | 6$^s$,76 G | 33″,8 G |
| | III. | |
| | 19$^h$59$^m$ | 58°8′ |
| 68 7-30 | 41$^s$,93 G | |
| 74 9-19 | 41,91 G | 3″,2 G |
| 75 7-24 | 42,06 G | 3,0 G |
| 7-29 | 42,13 G | 3,1 G |

### 27426 P. — 38469 L.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 19$^h$59$^m$ | 39°53′ |
| 80 8-26 | 42$^s$,71 G | 10″,2 G |

### 27427 P. — 38402 L.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 19$^h$58$^m$ | 85°39′ |
| 41 8-18 | 13$^s$,93 G | |
| | II. | |
| | 19$^h$58$^m$ | 85°37′ |
| 57 7-21 | | 15″,4 G |
| 8-14 | 58$^s$,53 G | 14,5 G |
| 8-20[1] | 58,57 G | 16,6 G |
| 59 7-21 | 58,55 G | |

[1] 𝒟 augmentée de 1′.

### 27428 P. — 38422 L.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 19$^h$59$^m$ | 73°35′ |
| 56 9-19 | 2$^s$,70 G | |
| 58 7-12 | | 45″,5 G |
| 60 8-12 | 2,56 G | |
| 9-1 | 2,66 G | 46,5 G |
| 61 8-19 | 2,94 G | 46,5 G |
| 8-22 | | 46,5 G |
| 67 8-23[1] | 2,92 M | 46,1 M |
| 8-24[1] | 3,00 M | 46,2 M |

[1] 𝒟 diminuée de 1′ : erreur de transcr.

### 27429 P. — 38432 L.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 19$^h$58$^m$ | 66°46′ |
| 37 7-29 | 29$^s$,58 G | |
| 39 8-21 | 29,70 G | |
| | II. | |
| | 19$^h$59$^m$ | 66°43′ |
| 57 9-6 | 8$^s$,11 G | |
| 61 7-13 | 8,22 G | 46″,6 G |
| 8-5 | 8,04 G | |
| 8-24 | | 47,0 G |
| 8-31 | 8,35 G | 47,7 G |
| 9-7 | 7,99 G | 48,3 G |

### 27430 P. — 38384-85 L.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 19$^h$58$^m$ | 103°19′ |
| 54 9-2 | 57$^s$,87 G | |
| 9-26[1] | 57,77 G | 31″,6 G |

[1] 𝒟 augm. de 5″ : err. de moy.

### 27431 P. — 38420 L.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 19$^h$59$^m$ | 78°47′ |
| 58 8-11 | 9$^s$,35 G | 20″,5 G |
| 10-9 | 9,43 G | |
| | III. | |
| | 19$^h$59$^m$ | 78°44′ |
| 79 8-16 | 52$^s$,24 G | 48″,2 G |

### 27432 P. — 10821 Cambridge.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 19$^h$59$^m$ | 62°34′ |
| 81 8-10 | 53$^s$,79 J | 55″,0 J |

### 27433 P. — 38425 L.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 19$^h$58$^m$ | 81°20′ |
| 39 8-24 | 33$^s$,68 G | |
| 40 8-16 | 33,38 G | |
| | II. | |
| | 19$^h$59$^m$ | 81°18′ |
| 57 7-13 | 16$^s$,90 G | 12″,9 G |
| 58 7-13 | | 12,6 G |
| 9-5 | 16,95 G | |
| 9-28 | 16,98 G | |

### 27434 P. — 38405, 06, 07 et 09 L.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 19$^h$58$^m$ | 94°51′ |
| 41 7-15 | 25$^s$,60 G | |
| | II. | |
| | 19$^h$59$^m$ | 94°48′ |
| 56 7-26 | 12$^s$,89 G | 53″,0 G |
| 57 8-11 | | 55,1 G |
| 58 7-30 | 13,04 G | 54,3 G |
| 64 8-30 | 12,97 M | 55,0 M |
| | III. | |
| | 20$^h$0$^m$ | 94°46′ |
| 76 8-1 | 0$^s$,42 G | 24″,6 G |
| 77 8-16 | 0,55 M | 23,4 M |
| 8-17 | 0,49 M | 24,0 M |

### 27435 P. — 38443 L.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 19$^h$59$^m$ | 63°21′ |
| 58 9-10 | 23$^s$,48 G | 50″,7 G |
| | III. | |
| | 20$^h$0$^m$ | 63°19′ |
| 79 7-29[1] | 0$^s$,75 G | 18″,2 G |
| 80 9-15 | 0,92 J | 20,7 J |
| 81 8-1 | 0,83 J | 20,3 J |
| 8-5 | 0,75 J | 20,1 J |

[1] 𝒜 dim. de 0$^s$,07 et 𝒟 de 2″,3 : erreur de réduction.

### 27436 P. — 23001 Mn$_1$.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 19$^h$58$^m$ | 97°27′ |
| 41 9-22 | 24$^s$,84 G | |
| 10-1 | 24,71 G | |

### 27437 P. — 38493 L.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 20$^h$0$^m$ | 38°36′ |
| 81 8-21 | 2$^s$,28 G | 51″,2 G |

Dates 1800 + — Positions moyennes pour les époques du Catal.

**27438 P. — 1483 W₁.**

| A. M. J. | 𝒜ℛ. | 𝒟. |
|---|---|---|
| I. | $19^{h}58^{m}$ | 98°28′ |
| 40 10-15 | $25^{s}$,03 G | |

**27439 P. — 38437 L.**

| A. M. J. | 𝒜ℛ. | 𝒟. |
|---|---|---|
| III. | $20^{h}0^{m}$ | 69°17′ |
| 71 8-26 | $2^{s}$,85 M | 6″,9 M |
| 8-26 | 2,53 G | |
| 74 8-13 | 2,70 M | 8,4 M |

**27440 P. — 1488 W₁.**

| A. M. J. | 𝒜ℛ. | 𝒟. |
|---|---|---|
| II. | $19^{h}59^{m}$ | 85°38′ |
| 57 8-20 | $19^{s}$,89 G | |

**27441 P. — 38398 L.**

| A. M. J. | 𝒜ℛ. | 𝒟. |
|---|---|---|
| II. | $19^{h}59^{m}$ | 109°58′ |
| 55 9-25 | $12^{s}$,94 G | 20″,4 G |
| III. | $20^{h}0^{m}$ | 109°55′ |
| 69 8-28 | $5^{s}$,20 M | 49″,0 M |
| 79 7-17 | 5,33 J | 47,7 J |
| 8- 2 | 5,37 J | 48,5 J |
| 8-16 | 5,20 J | 47,7 J |
| 8-26 | 5,31 J | 49,4 J |
| 9- 4 | 5,25 J | 50,1 J |
| 80 8- 8 | 5,28 M | 47,1 M |
| 9- 5 | 5,19 M | 47,7 M |

**27442 P. — 38410 L.**

| A. M. J. | 𝒜ℛ. | 𝒟. |
|---|---|---|
| II. | $19^{h}59^{m}$ | 99°18′ |
| 58 9- 8 | $19^{s}$,82 G | |
| 9-26 | 19,63 G | 44″,9 G |
| III. | $20^{h}0^{m}$ | 99°16′ |
| 76 8- 5 | $8^{s}$,66 M | 16″,2 M |

**27443 P. — *e* Dragon.**

| A. M. J. | 𝒜ℛ. | 𝒟. |
|---|---|---|
| I. | $19^{h}59^{m}$ | 25°36′ |
| 46 7-17 | $49^{s}$,10 G | |
| 9-16 | | 44″,0 G |
| 47 11- 1 | | 43,8 G |
| 50 7-14 | | 44,9 G |
| 7-24 | | 44,3 G |

**27444 P. — 38391 et 96 L.**

| A. M. J. | 𝒜ℛ. | 𝒟. |
|---|---|---|
| II. | $19^{h}59^{m}$ | 114°16′ |
| 55 7-31 | $18^{s}$,02 G | 54″,0 G |
| 8-18 | 18,12 G | |
| 59 10-17 | | 56,4 G |

**27445 P. — 38449 L.**

| A. M. J. | 𝒜ℛ. | 𝒟. |
|---|---|---|
| II. | $19^{h}59^{m}$ | 62°58′ |
| 58 8-28 | $38^{s}$,02 G | 24″,7 G |
| III. | $20^{h}0^{m}$ | 62°55′ |
| 74 8-19 | $15^{s}$,42 M | 54″,8 M |

**27446 P. — 38416 L.**

| A. M. J. | 𝒜ℛ. | 𝒟. |
|---|---|---|
| I. | $19^{h}58^{m}$ | 98°37′ |
| 40 8-20 | | 18″,6 F |
| 10-10 | $40^{s}$,74 G | |
| II. | $19^{h}59^{m}$ | 98°34′ |
| 55 8-27 | $29^{s}$,51 G | |
| 56 7-28 | | 50″,9 G |
| 64 8-29 | 29,60 M | 50,2 M |

**27447 P. — 20247 A. O.**

| A. M. J. | 𝒜ℛ. | 𝒟. |
|---|---|---|
| III. | $20^{h}0^{m}$ | 109°41′ |
| 69 8-27 | $18^{s}$,48 M | 33″,0 M |
| 89 7-22 | 18,53 M | 31,1 M |
| 9- 3 | 18,36 M | 31,9 M |

**27448 P. — 20248 A. O.**

| A. M. J. | 𝒜ℛ. | 𝒟. |
|---|---|---|
| III. | $20^{h}0^{m}$ | 111°11′ |
| 69 8-25 | $19^{s}$,36 M | 27″,3 M |

**27449 P. — 38447 L.**

| A. M. J. | 𝒜ℛ. | 𝒟. |
|---|---|---|
| II. | $19^{h}59^{m}$ | 67°36′ |
| 59 7-28 [1] | $41^{s}$,00 G | 0″,5 G |
| 7-31 | 40,73 G | |
| III. | $20^{h}0^{m}$ | 67°33′ |
| 71 9-17 | $19^{s}$,67 G | |
| 74 9-14 | 19,80 M | |
| 75 9- 7 | 19,96 M | 28″,2 M |
| 9-15 | 20,07 M | 32,0 M |
| 76 8- 1 | 20,11 M | 32,0 M |
| 8-23 | 19,80 M | 28,7 M |
| 8-24 | 19,84 M | 30,1 M |

[1] 𝒜ℛ diminuée de $0^{s}$,20 : erreur de moy.

**27450 P. — 38492 L.**

| A. M. J. | 𝒜ℛ. | 𝒟. |
|---|---|---|
| III. | $20^{h}0^{m}$ | 44°1′ |
| 80 8-26 | $20^{s}$,49 J | 33″,9 J |
| 8-30 | 20,43 G | 33,4 G |

**27451 P. — 3029 Gr.**

| A. M. J. | 𝒜ℛ. | 𝒟. |
|---|---|---|
| I. | $19^{h}59^{m}$ | 51°5′ |
| 40 9-29 | $17^{s}$,09 G | |

**27452 P. — 38433 L.**

| A. M. J. | 𝒜ℛ. | 𝒟. |
|---|---|---|
| I. | $19^{h}58^{m}$ | 90°34′ |
| 40 8-17 | $53^{s}$,21 G | |
| 8-20 | 53,06 G | |
| II. | $19^{h}59^{m}$ | 90°31′ |
| 58 9- 9 | | 52″,6 F |
| 10- 8 | | 52,0 G |
| 61 8-29 | $39^{s}$,25 G | 52,9 G |
| 10-12 | 39,49 G | 53,0 G |
| 64 7-19 | 39,23 M | 52,9 M |
| 8-13 | 39,42 M | 53,0 M |
| III. | $20^{h}0^{m}$ | 90°29′ |
| 78 9- 9 | $25^{s}$,51 J | 22″,8 J |

**27453 P. — 10831 Cambridge.**

| A. M. J. | 𝒜ℛ. | 𝒟. |
|---|---|---|
| II. | $19^{h}59^{m}$ | 60°31′ |
| 58 9-14 | $51^{s}$,03 G | |

**27454 P. — 3043 Carrington.**

| A. M. J. | 𝒜ℛ. | 𝒟. |
|---|---|---|
| I. | $20^{h}4^{m}$ | 5°40′ |
| 43 9-10 [1] | $46^{s}$,99 G | 54″,6 F |

[1] 𝒟 diminuée de 100″ : erreur de réduct.

**27455 P. — 23032 Mn₁.**

| A. M. J. | 𝒜ℛ. | 𝒟. |
|---|---|---|
| II. | $19^{h}59^{m}$ | 93°15′ |
| 58 8-20 [1] | $44^{s}$,91 G | 13″,3 G |

[1] 𝒟 diminuée de 5′.

**27456 P. — 38426 L.**

| A. M. J. | 𝒜ℛ. | 𝒟. |
|---|---|---|
| II. | $19^{h}59^{m}$ | 82°50′ |
| 56 10-28 | $48^{s}$,79 G | |
| 57 8-21 | 49,13 G | |
| 8-22 | 48,72 G | 24″,6 G |
| 10-12 | 48,96 G | 26,4 G |
| 63 8- 7 [1] | 48,55 M | 24,6 M |
| III. | $20^{h}0^{m}$ | 82°47′ |
| 74 8- 3 | $32^{s}$,69 M | 55″,4 M |
| 8- 6 | 32,83 M | 55,2 M |
| 75 8-23 | 33,02 G | |

[1] 𝒜ℛ augmentée de $1^{m}$ : erreur de transcr.

**27457 P. — 38442 L.**

| A. M. J. | 𝒜ℛ. | 𝒟. |
|---|---|---|
| I. | $19^{h}59^{m}$ | 82°51′ |
| 37 6-22 | $5^{s}$,37 G | |
| 6-23 | 5,42 G | |
| II. | $19^{h}59^{m}$ | 82°49′ |
| 56 7- 5 | | 19″,1 G |
| 9-27 | $49^{s}$,28 G | |
| 57 7-23 | 49,13 G | |
| 7-27 | 49,14 G | 18,1 G |
| 8-21 | 49,35 G | 20,1 G |
| 8-22 | 48,95 G | |
| 9-29 | 49,38 G | |
| 10- 6 [1] | | 20,9 G |
| 10-12 | 49,30 G | |
| 58 8-28 | | 21,1 F |

[1] 𝒟 diminuée de 30″ : err. de moy.

**27458 P. — 38499 L.**

| A. M. J. | 𝒜ℛ. | 𝒟. |
|---|---|---|
| III. | $20^{h}0^{m}$ | 47°8′ |
| 81 8- 7 | $34^{s}$,49 G | 13″,9 G |
| 8- 8 [1] | 34,37 G | 8,3 G |

[1] 𝒜ℛ diminuée de $0^{s}$,09 : erreur de réduction. — 𝒟 non comprise dans la moy.

**27459 P. — 38451 L.**

| A. M. J. | 𝒜ℛ. | 𝒟. |
|---|---|---|
| I. | $19^{h}59^{m}$ | 51°57′ |
| 40 9-12 | | 54″,5 F |
| III. | $20^{h}0^{m}$ | 51°52′ |
| 80 8-30 | $36^{s}$,32 J | 50″,4 J |
| 9- 2 | 36,37 J | 51,5 J |

**27460 P. — 38466 et 68 L.**

| A. M. J. | 𝒜ℛ. | 𝒟. |
|---|---|---|
| II. | $20^{h}0^{m}$ | 62°15′ |
| 59 7-26 | $2^{s}$,89 G | 60″,5 G |
| 62 7-19 | 3,29 G | 59,8 G |
| 8- 3 | 3,00 G | |
| 9-15 | 3,27 G | 59,9 G |
| 9-17 | 3,22 G | 60,3 G |
| III. | $20^{h}0^{m}$ | 62°13′ |
| 79 8-26 | $40^{s}$,19 G | 29″,3 G |
| 9- 3 | 39,94 G | |
| 80 8-10 | | 30,0 M |

**27461 P. — 38450 L.**

| A. M. J. | 𝒜ℛ. | 𝒟. |
|---|---|---|
| I. | $19^{h}59^{m}$ | 77°45′ |
| 40 8- 4 | | 33″,4 F |
| II. | $19^{h}59^{m}$ | 77°43′ |
| 56 8-15 | $58^{s}$,85 G | |
| 8-30 | 58,93 G | 2″,4 G |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜, 𝒫)

**27461 P. (suite).**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 20h0m | 77°40′ |
| 79 7-31 | | 32″,9 G |
| 9-17 | 41s,26 J | 32,2 J |

**27462 P. — 38441 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 19h59m | 91°16′ |
| 58 9-11 | | 17″,1 F |
| 61 9-30 | | 17,4 G |
| 64 8-16 | 54s,71 M | 18,8 M |
| III. | 20h0m | 91°13′ |
| 79 7-30 | 41s,44 J | 48″,6 J |

**27463 P. — 7470 Berlin B.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 20h0m | 67°18′ |
| 81 8-24 | 43s,11 J | |

**27464 P. — 38525-26 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 19h59m | 42°12′ |
| 45 8-4 | 50s,46 G | |
| III. | 20h0m | 42°7′ |
| 80 8-14 | 44s,37 G | 30″,3 G |
| 9-2 | | 31,2 G |
| 9-3 | | 29,9 G |

**27465 P. — 38461 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 20h0m | 67°18′ |
| 81 8-24 | 45s,28 J | 48″,0 J |

**27466 P. — 38453 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h0m | 78°10′ |
| 57 8-13 | | 6″,7 G |
| 58 8-24 | 3s,51 G | 6,5 G |
| III. | 20h0m | 78°7′ |
| 71 9-12 | 46s,18 G | |

**27467 P. — 38521 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 20h0m | 43°59′ |
| 81 8-1 | 47s,57 G | 43″,4 G |

**27468 P. — 27550 Gould.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 19h59m | 117°24′ |
| 58 8-19[1] | 52s,51 G | |

[1] 𝒜 augmentée de 10s: err. de 10s commise en passant du premier au second fil.

**27469 P. — 38465 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h0m | 67°13′ |
| 60 9-6 | 10s,20 G | 52″,2 G |
| III. | 20h0m | 67°11′ |
| 81 9-4 | 48s,94 J | 20″,4 J |

**27470 P. — 38505 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 19h59m | 49°37′ |
| 40 8-29 | | 26″,6 F |
| 8-30 | | 28,0 F |
| III. | 20h0m | 49°32′ |
| 80 8-27 | 49s,40 G | 27″,0 G |
| 81 9-15 | 49,77 G | 27,4 G |

**27471 P. — 38495-96 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 20h0m | 55°26′ |
| 74 8-20 | 52s,47 M | 28″,4 M |
| 8-22 | 52,38 M | 29,6 M |

**27472 P. — 38446 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h0m | 90°41′ |
| 55 8-17 | | 30″,1 G |
| 57 7-11 | 10s,17 G | |
| 7-19 | 9,99 G | |
| III. | 20h0m | 90°38′ |
| 76 8-12 | | 59″,7 G |
| 8-17 | 56s,07 G | 59,1 G |
| 9-21 | 56,30 G | 59,2 G |
| 9-22 | 56,35 G | 58,2 G |

**27473 P. — 65 Dragon.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 20h0m | 25°48′ |
| 53 8-5 | | 8″,9 G |

**27474 P. — 38502 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h0m | 54°47′ |
| 67 8-13 | | 26″,3 G |

**27474 P. (suite).**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 20h0m | 54°44′ |
| 79 9-2 | 57s,97 G | 54″,6 G |
| 8-11[1] | 57,71 G | 55,9 G |

[1] 𝒫 augmentée de 2′.

**27475 P. — 38457 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h0m | 79°48′ |
| 58 7-25 | 15s,69 G | |
| 8-9 | | 34″,2 G |
| 8-16 | 15,54 G | |
| 59 7-14 | 15,51 G | |
| 8-16 | 15,82 G | 35,0 G |

**27476 P. — 20256 A.O.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 20h0m | 108°36′ |
| 69 8-23 | 58s,91 M | 35″,5 M |
| 81 8-2 | 59,08 M | 33,7 M |

**27477 P. — 38413 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 19h59m | 109°14′ |
| 40 9-12 | 15s,35 G | |
| II. | 20h0m | 109°12′ |
| 54 9-7 | 7s,37 G | 19″,9 G |
| 9-10 | 7,50 G | |
| III. | 20h0m | 109°9′ |
| 69 8-24 | 59s,45 M | 48″,5 M |
| 79 8-20 | 59,49 J | 49,3 J |
| 9-20 | 59,55 J | 48,7 J |
| 9-26[1] | 59,57 J | 47,6 J |
| 9-30 | 59,59 J | 48,8 J |

[1] 𝒜 augmentée de 1h, d'où résulte dans la réduct. à janv. 0 une correction de −0s,29 en 𝒜 et +6″,0 en 𝒫.

**27478 P. — 38486 et 88 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h0m | 62°16′ |
| 59 7-26 | 22s,43 G | |
| 62 7-19 | | 24″,0 G |
| 9-16 | 22,58 G | 24,3 G |
| III. | 20h0m | 62°13′ |
| 79 9-3 | | 51″,4 G |
| 80 8-13 | 59s,69 M | 52,6 M |
| 9-6 | 59,68 M | 52,1 M |

**27479 P. — 3031 Gr.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 19h59m | 51°5′ |
| 40 9-30 | 56s,78 G | |

**27480 P. — 38478 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h0m | 73°31′ |
| 56 9-20 | 27s,90 G | |
| 58 7-21 | | 49″,4 G |
| III. | 20h1m | 73°29′ |
| 79 9-8 | 8s,64 G | 16″,6 G |

**27481 P. — 38434 et 36 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h0m | 113°59′ |
| 54 9-27 | 15s,41 G | |
| 55 9-8 | 15,57 G | |
| 57 10-3 | 15,59 G | 23″,1 G |
| III. | 20h1m | 113°56′ |
| 79 9-2 | 9s,18 J | 52″,3 J |

**27482 P. — 38460 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h0m | 83°35′ |
| 55 10-19 | 26s,74 G | |
| 58 7-19 | 26,90 G | |
| 59 7-2 | | 29″,2 G |
| 8-23 | 26,51 G | 28,6 M |

**27483 P. — 38454 et 74 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h0m | 77°4′ |
| 57 9-12 | | 33″,2 G |
| 10-13 | 28s,80 G | 35,3 G |
| 58 9-6 | 28,98 G | 35,5 G |
| 10-3 | 28,96 G | 34,3 G |
| III. | 20h1m | 77°2′ |
| 79 9-7 | 11s,15 G | 5″,7 G |

**27484 P. — 23074 Mn1.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h0m | 94°32′ |
| 57 10-16 | 24s,01 G | 6″,8 G |

**27485 P. — 38500 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 20h1m | 62°30′ |
| 81 7-28 | 12s,43 J | 29″,3 J |

**27486 P. — 7942 Berlin A.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h0m | 72°30′ |
| 60 8-6 | 32s,64 G | |

### 27487 P. — 4138 A + 11°.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | I. | $19^h 59^m$ | 78°3′ |
| 43 | 8-31 | | 59″,9 F |
| | 9-10 | | 58,5 F |

### 27488 P. — 38473 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | II. | $20^h 0^m$ | 79°47′ |
| 58 | 7-25 | $30^s,95$ G | |
| | 7-26 | 30,70 G | |
| | 8-16 | 30,82 G | 32″,6 G |
| 59 | 7-14 | 30,71 G | |
| | III. | $20^h 1^m$ | 79°45′ |
| 79 | 9-18 | $13^s,62$ J | 2″,3 J |

### 27489 P. — 7992 Rümker.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | I. | $19^h 59^m$ | 81°47′ |
| 39 | 9- 8 | $47^s,10$ G | |

### 27490 P. — 38516 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | II. | $20^h 0^m$ | 54°43′ |
| 67 | 9- 6[1] | $40^s,41$ G | 36″,5 G |
| | III. | $20^h 1^m$ | 54°41′ |
| 81 | 9-16 | $14^s,25$ M | 5″,5 M |

[1] 𝒜 augmentée de $0^s,50$ : erreur de moy.

### 27491 P. — 38494 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | II. | $20^h 0^m$ | 67°41′ |
| 58 | 9-19 | $36^s,51$ G | 16″,8 G |
| | III. | $20^h 1^m$ | 67°38′ |
| 79 | 9-17 | $15^s,32$ G | 46″,2 G |
| 81 | 8- 5 | 15,35 M | 45,0 M |
| | 9-13 | 15,44 M | 46,0 M |

### 27492 P. — 7944 Berlin A.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | II. | $20^h 0^m$ | 72°28′ |
| 59 | 7- 4 | $40^s,54$ G | |
| 60 | 8- 6 | 40,48 G | |

### 27493 P. — 38480 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | II. | $20^h 0^m$ | 79°20′ |
| 56 | 6-26 | $38^s,53$ G | 44″,5 G |

### 27493 P. (suite).

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | III. | $20^h 1^m$ | 79°18′ |
| 71 | 7-31 | $21^s,46$ G | |
| | 8- 7 | 21,65 G | |

### 27494 P. — 38490 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | III. | $20^h 1^m$ | 75°5′ |
| 79 | 9-22 | $23^s,69$ J | 31″,4 J |
| | 9-24 | 23,70 J | 31,3 J |

### 27495 P. — 38439 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | II. | $20^h 0^m$ | 118°21′ |
| 57 | 8-12 | $28^s,81$ G | 14″,3 G |

### 27496 P. — 38475 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | I. | $19^h 59^m$ | 85°40′ |
| 41 | 8-27 | $55^s,02$ G | |
| | 8-30 | 55,01 G | |
| | 9-10 | 54,74 G | |
| | 9-11 | 54,93 G | |
| | 9-19 | 54,96 G | |
| | II. | $20^h 0^m$ | 85°37′ |
| 56 | 8-31 | $39^s,60$ G | |
| | 9- 4 | 39,38 G | |
| 57 | 7-21 | | 46″,5 G |
| | 10-15 | 39,81 G | |
| | III. | $20^h 1^m$ | 85°35′ |
| 80 | 8-11 | $24^s,55$ M | 16″,9 M |

### 27497 P. — 20264 A. O.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | III. | $20^h 1^m$ | 113°3′ |
| 69 | 8-20[1] | $25^s,15$ M | 16″,4 M |

[1] 𝒟 diminuée de 10″ : erreur de transcr.

### 27498 P. — 38470 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | I. | $19^h 59^m$ | 88°0′ |
| 40 | 8-15 | | 2″,0 F |
| | II. | $20^h 0^m$ | 87°57′ |
| 55 | 10-21 | $39^s,53$ G | |
| 57 | 8- 7 | | 31″,5 G |
| | 10- 2 | 39,80 G | |
| | III. | $20^h 1^m$ | 87°55′ |
| 74 | 8-20 | $25^s,26$ G | 1″,9 G |

### 27499 P. — 38452 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | I. | $19^h 59^m$ | 105°28′ |
| 39 | 7-27 | $44^s,31$ G | |
| 40 | 8-29 | 44,47 G | |
| | II. | $20^h 0^m$ | 105°25′ |
| 54 | 9-12 | | 47″,9 G |
| | 9-16 | $35^s,03$ G | |
| | III. | $20^h 1^m$ | 105°23′ |
| 80 | 7-28 | $25^s,91$ G | 19″,1 G |

### 27500 P. — 38458-59 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | II. | $20^h 0^m$ | 97°9′ |
| 55 | 8-18[1] | | 45″,8 G |
| | 10-15 | $37^s,57$ G | |
| | III. | $20^h 1^m$ | 97°7′ |
| 74 | 8-22 | $25^s,90$ G | 16″,8 G |
| | 8-25 | 25,88 G | 16,9 G |
| | 8-29 | 26,07 G | 16,8 G |

[1] 𝒟 augmentée de 10″ : erreur de 20″ dans l'un des 2 microscopes lus.

### 27501 P. — 3929 A + 22°.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | II. | $20^h 0^m$ | 67°44′ |
| 58 | 9-19 | $47^s,66$ G | |

### 27502 P. — 38529 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | III. | $20^h 1^m$ | 54°58′ |
| 81 | 9-16 | $26^s,81$ J | 17″,8 J |

### 27503 P. — 38514 et 37 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | III. | $20^h 1^m$ | 62°34′ |
| 80 | 9- 9 | $27^s,44$ J | 43″,9 J |
| 81 | 9-15 | 27,31 M | 43,4 M |

### 27504 P. — 1523 $W_1$.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | II. | $20^h 0^m$ | 85°38′ |
| 57 | 8-20 | $45^s,09$ G | |

### 27505 P. — 38513 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | II. | $20^h 0^m$ | 64°42′ |
| 58 | 9-23 | $52^s,02$ G | |
| 61 | 7-15 | 52,28 G | |
| | 7-30 | 51,97 G | |
| | 8-30 | 51,81 G | 57″,1 G |

### 27506 P. — 38511 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | I. | $20^h 0^m$ | 66°49′ |
| 37 | 6-19 | $13^s,81$ G | 43″,9 F |
| | 6-22 | | 42,7 F |
| | 6-23 | 13,76 G | |
| | 7- 7 | 13,82 G | |
| | 7-21 | 13,61 G | |
| | 7-24 | 13,83 G | 43,6 F |
| | 7-25 | 13,79 G | |
| | 7-29 | 13,86 G | |
| | 8- 2 | 13,88 G | 43,7 F |
| | 8- 6 | 13,82 G | 42,9 F |
| | 8- 8 | 13,59 G | 44,8 F |
| | 8-10 | 13,78 G | |
| | 8-11 | 13,83 G | 42,7 F |
| | 8-13 | 13,79 G | |
| | 8-16 | 13,71 G | |
| | 8-17 | 13,77 G | |
| | 8-18 | 13,77 G | |
| | 8-19 | 13,83 G | |
| | 8-25 | | 44,1 F |
| | 9- 6 | 13,77 G | 42,9 F |
| | 9-20 | 13,84 G | 45,0 F |
| 38 | 10-27 | 13,81 G | |
| 39 | 8-21 | 13,86 G | |
| | 8-23 | 13,77 G | 42,9 F |
| 41 | 8- 4 | 14,09 G | |
| | 8- 5 | 13,79 G | |
| | 8-30 | | 44,1 F |
| 46 | 7-28 | 13,70 G | |
| | 8-17 | 13,58 G | 43,9 G |
| | 9-26 | | 43,2 G |
| | 9-29 | 13,75 G | 42,5 G |
| | 10- 1 | 13,74 G | |
| | 10- 3[1] | 13,86 G | |
| | 11-14 | 13,76 G | |
| 48 | 8-28 | | 41,6 G |
| | II. | $20^h 0^m$ | 66°47′ |
| 58 | 11- 4 | $52^s,40$ G | |
| | 11-11 | 52,27 G | 11″,3 G |
| 59 | 11-12 | 52,05 G | |
| 61 | 7-13 | 52,33 G | 12,1 G |
| 63 | 8-10 | 52,35 G | |
| | 8-17 | 52,37 G | |
| | 8-31 | 52,43 G | |
| | 9-11 | 52,46 G | |
| | 9-12 | 52,43 G | |
| | 9-15 | 52,52 G | |
| 64 | 7-29 | 52,43 G | |
| | 7-30 | 52,45 G | |
| | 8- 2 | 52,46 G | |
| | 8- 7 | 52,41 G | |
| | 8- 8 | 52,45 G | |
| | 8-10 | 52,50 G | |
| | 8-11 | 52,47 G | |
| | 8-16 | 52,44 G | |
| | 8-17 | 52,45 G | |
| | 8-24 | 52,41 G | |
| | 8-27 | 52,45 G | |
| | 9- 1 | 52,60 G | |
| | 9- 4 | 52,47 G | |
| | 9- 5 | 52,43 G | |
| | 9- 6 | 52,36 G | |
| | 9- 9 | 52,47 G | |
| | 9-11 | 52,49 G | |
| | 9-12 | 52,44 G | |
| | III. | $20^h 1^m$ | 66°44′ |
| 72 | 7-19 | $31^s,13$ G | |
| 79 | 9-24 | 30,96 G | 41″,3 G |

[1] 𝒜 augmentée de $1^m$ : erreur de transcr.

### 27507 P. — 38563 L.

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜 | 𝒫 |
|---|---|---|
| III. | $20^h 1^m$ | 43°41′ |
| 80 8-4 | $32^s,61$ G | 5″,8 G |

### 27508 P. — 38455-56 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | $20^h 0^m$ | 104°39′ |
| 54 9-18 | $43^s,65$ G | 25″,6 G |
| 58 8-15 | | 26,4 G |
| III. | $20^h 1^m$ | 104°36′ |
| 79 9-25 | $34^s,39$ J | 54″,4 J |
| 80 9-2 | 34,32 M | 54,6 M |

### 27509 P. — 38476-77 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | $20^h 0^m$ | 91°7′ |
| 37 10-12 | $1^s,45$ G | |
| 10-22 | 1,51 G | |
| 38 8-5 | 1,48 G | |
| 8-13 | 1,41 G | |
| 8-15 | 1,44 G | |
| 8-16 | 1,45 G | |
| 8-31 | 1,48 G | 8″,8 F |
| 9-1 | 1,42 G | |
| 9-2 | 1,37 G | |
| 10-4 | 1,39 G | |
| 10-10[1] | 1,51 G | 8,9 F |
| 39 7-30 | 1,44 G | 11,8 F |
| 9-9 | 1,24 G | |
| 9-10 | 1,21 G | |
| 10-9 | 1,53 G | |
| 40 8-17 | 1,53 G | |
| 8-20 | 1,40 G | |
| 9-16 | 1,59 G | |
| 41 7-29 | 1,54 G | |
| 8-19 | 1,49 G | |
| 8-20 | 1,33 G | |
| 8-22 | 1,28 G | |
| 8-24 | 1,35 G | |
| 46 7-20 | 1,57 G | 11,6 G |
| 9-2 | 1,55 G | |
| 9-13 | 1,52 G | 11,0 G |
| 9-14 | 1,46 G | |
| 9-15 | 1,42 G | |
| 9-16 | 1,37 G | |
| 9-17 | 1,49 G | |
| 9-19 | 1,51 G | |
| 9-22 | 1,47 G | |
| 9-25 | 1,51 G | |
| 47 10-26 | 1,58 G | |
| 11-13 | | 12,5 G |
| 48 8-12 | | 9,3 G |
| 9-15 | 1,53 G | |
| 49 9-6 | 1,59 G | |
| 50 8-18 | | 13,0 G |
| 52 11-3 | | 12,7 G |
| 11-8 | | 12,8 G |
| 53 10-8 | 1,79 G | |
| II. | $20^h 0^m$ | 91°4′ |
| 54 8-24 | $47^s,88$ G | |
| 55 8-11 | | 37″,5 G |
| 56 8-2 | 48,06 G | |
| 57 8-28 | | 40,5 G |
| 58 8-12 | 47,96 G | 41,3 G |

### 27509 P. (suite).

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | $20^h 1^m$ | 91°2′ |
| 76 8-25 | $34^s,43$ G | 11″,9 G |
| 9-23 | 34,38 G | 11,4 G |
| 78 9-6 | 34,54 J | 11,0 J |
| 9-21 | 34,44 G | |

[1] 𝒫 diminuée de 10″.

### 27510 P. — 38485 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | $20^h 0^m$ | 85°41′ |
| 41 8-27 | $5^s,56$ G | |
| 8-30 | 5,73 G | |
| 9-10 | 5,60 G | |
| 9-11 | 5,63 G | |
| 9-19 | 5,72 G | |
| II. | $20^h 0^m$ | 85°38′ |
| 56 9-5 | | 37″,6 G |
| 57 8-6 | | 39,1 G |
| 8-20 | $50^s,33$ G | |
| 10-2[1] | 50,35 G | 36,9 G |
| 10-15 | 50,51 G | |

[1] 𝒫 augmentée de 1′.

### 27511 P. — 3032 Gr.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | $20^h 0^m$ | 50°22′ |
| 40 9-21 | $32^s,75$ G | |

### 27512 P. — 4432 A + 20°.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | $20^h 1^m$ | 69°13′ |
| 74 9-1 | $37^s,09$ M | 2″,4 M |

### 27513 P. — 38463 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | $19^h 59^m$ | 100°45′ |
| 41 10-15 | $59^s,86$ G | |
| II. | $20^h 0^m$ | 100°43′ |
| 54 9-3 | $49^s,27$ G | 2″,8 G |
| 59 8-7 | 49,40 G | 0,6 G |

### 27514 P. — 1520 $W_1$.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | $20^h 0^m$ | 97°33′ |
| 41 9-21 | $3^s,33$ G | |
| 9-22 | 3,20 G | |
| 10-1 | 3,14 G | |
| 10-8 | 3,33 G | |

### 27515 P. — 38467 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | $20^h 0^m$ | 100°30′ |
| 41 8-13 | $2^s,68$ G | |
| 8-14 | 2,75 G | 23″,8 F |
| 8-18 | 2,58 G | 20,9 F |
| 9-13 | 2,61 G | |
| II. | $20^h 0^m$ | 100°27′ |
| 54 9-5 | $51^s,93$ G | |
| 9-8 | 51,91 G | |
| 9-21 | 51,95 G | 52″,4 G |
| III. | $20^h 0^m$ | 100°25′ |
| 80 8-14 | $41^s,35$ M | 22″,3 M |

### 27516 P. — 38541 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | $20^h 0^m$ | 54°27′ |
| 46 11-4 | | 6″,5 G |
| 49 7-16 | | 7,3 F |
| II. | $20^h 1^m$ | 54°24′ |
| 67 7-30 | $9^s,60$ G | |
| III. | $20^h 1^m$ | 54°22′ |
| 80 6-26 | $43^s,29$ G | |
| 9-9 | 43,04 M | 16″,0 M |

### 27517 P. — 38577 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | $20^h 1^m$ | 38°31′ |
| 81 8-24 | $43^s,63$ G | |
| 9-17 | 43,52 G | 5″,2 G |

### 27518 P. — 38518 L. (centre).

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | $20^h 1^m$ | 69°15′ |
| 80 9-27 | $44^s,25$ J | 24″,1 J |

### 27519 P. — 38518 L. (la 2e).

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | $20^h 1^m$ | 69°15′ |
| 81 7-27 | $44^s,47$ J | 21″,9 J |

### 27520 P. — 38462 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | $20^h 0^m$ | 105°48′ |
| 54 9-28 | $54^s,37$ G | 55″,3 G |
| III. | $20^h 1^m$ | 105°46′ |
| 79 9-2 | $45^s,65$ M | 27″,7 M |
| 9-4 | 45,72 M | 27,4 M |

### 27521 P. — 38506, 07, 09 et 10 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | $20^h 0^m$ | 81°2′ |
| 39 8-24 | $22^s,20$ G | |
| II. | $20^h 1^m$ | 81°0′ |
| 55 11-2 | $5^s,46$ G | |
| 56 5-23 | | 13″,6 G |
| 58 6-7 | 5,47 G | |
| III. | $20^h 1^m$ | 80°57′ |
| 69 10-7 | | 43″,9 G |
| 71 8-1 | $48^s,84$ M | 41,0 M |

### 27522 P. — 38515 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | $20^h 1^m$ | 73°45′ |
| 58 7-17 | $8^s,41$ G | |
| 9-11 | 8,59 G | 18″,2 G |
| 10-2 | | 18,1 G |
| III. | $20^h 1^m$ | 73°42′ |
| 71 9-2 | $49^s,33$ G | |
| 9-3 | 49,24 G | |
| 9-11 | 49,46 G | |
| 79 9-1 | 49,24 G | 45″,4 G |
| 80 8-30 | 49,47 M | 46,7 M |
| 81 8-6 | 49,50 M | 44,9 M |
| 9-17 | 49,42 M | 45,6 M |
| 10-1 | 49,47 M | 46,3 M |

### 27523 P. — 2048 $W_2$.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | $20^h 0^m$ | 54°12′ |
| 47 8-27 | $42^s,44$ G | |
| 8-28 | 42,53 G | |

### 27524 P. — 38560 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | $20^h 1^m$ | 51°46′ |
| 81 8-27 | $51^s,01$ J | 8″,4 J |
| 9-17 | 51,08 J | 8,9 J |

### 27525 P. — 38547-48 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | $20^h 1^m$ | 55°16′ |
| 67 8-19[1] | $17^s,07$ G | 7″,2 G |
| III. | $20^h 1^m$ | 55°13′ |
| 81 8-14 | $51^s,27$ J | 35″,9 J |

[1] 𝒜 diminuée de $1^m$.

### 27526 P. — 1533 $W_1$.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | $20^h 0^m$ | 82°49′ |
| 40 8-16 | $24^s,67$ G | |

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|

**27527 P. — 38564 L.**

| | | |
|---|---|---|
| II. | 20h1m | 51°18′ |
| 67 8-27 | 23s,88 G | 13″,3 G |
| III. | 20h1m | 51°15′ |
| 81 7-27 | 56s,05 M | 40″,2 M |
| 8-22 | 56,34 M | 41,3 M |

**27528 P. — 38559 L.**

| | | |
|---|---|---|
| II. | 20h1m | 55°22′ |
| 67 8-12 | 24s,11 G | 19″,2 G |

**27529 P. — 38550 L.**

| | | |
|---|---|---|
| III. | 20h1m | 57°45′ |
| 81 8- 6 | 58s,38 J | 23″,8 J |
| 8- 8 | 58,35 J | 23,8 J |

**27530 P. — 38501 L.**

| | | |
|---|---|---|
| II. | 20h1m | 90°42′ |
| 55 9- 8 | | 5″,8 G |
| 9-26 | 13s,03 G | 6,6 G |
| III. | 20h1m | 90°39′ |
| 79 7-31 | 59s,17 J | 33″,2 J |

**27531 P. — 38544 L.**

| | | |
|---|---|---|
| I. | 20h0m | 97°27′ |
| 40 8-20 | | 56″,8 F |
| 10-10 | 23s,95 G | |
| 10-15 | 24,07 G | |
| II. | 20h1m | 97°25′ |
| 58 9- 9 | | 28″,5 F |
| 59 9-24 | | 28,9 G |
| III. | 20h2m | 97°22′ |
| 68 8-29 | 0s,60 M | 55″,2 M |
| 75 7-24 | 0,65 G | 55,6 G |
| 7-29 | 0,69 G | 58,2 G |

**27532 P. — 38487 L.**

| | | |
|---|---|---|
| II. | 20h1m | 100°44′ |
| 54 9-11 | 12s,23 G | |
| III. | 20h2m | 100°41′ |
| 79 9- 3 | 1s,60 J | 38″,6 J |
| 80 8-31 | 1,64 M | 39,6 M |

**27533 P. — 20271 A.O.**

| | | |
|---|---|---|
| II. | 20h1m | 120°2′ |
| 58 8-19 | | 23″,3 G |

**27534 P. — 1545 W$_2$.**

| | | |
|---|---|---|
| II. | 20h1m | 73°36′ |
| 67 8-23[1] | 32s,85 M | 6″,7 M |
| 8-24[1] | 32,98 M | 7,1 M |

[1] 𝒫 diminuée de 1′ : observations faites sur le même calage que celles de 38422 L. également erronées de 1′.

**27535 P. — 38675 L.**

| | | |
|---|---|---|
| I. | 20h2m | 22°34′ |
| 40 8-31 | 5s,82 G | |
| 41 7-15[1] | 5,59 G | 7″,9 F |
| II. | 20h2m | 22°31′ |
| 64 7-19 | | 30″,8 G |
| 7-26 | | 31,9 G |
| 8- 1 | | 31,7 G |
| 8-26 | | 32,5 G |
| 65 8-30 | | 31,4 G |

[1] 𝒫 diminuée de 30″ (1t de vis des microscopes).

**27536 P. — 38483-84 L.**

| | | |
|---|---|---|
| II. | 20h1m | 110°59′ |
| 55 9- 7 | 22s,21 G | |
| 62 9- 9 | | 47″,9 G |
| III. | 20h2m | 110°57′ |
| 79 9- 1 | 15s,01 J | 18″,1 J |
| 9-11 | 14,92 J | 17,4 J |

**27537 P. — 2050-51 W$_2$.**

| | | |
|---|---|---|
| II. | 20h1m | 74°14′ |
| 58 10-12 | 34s,64 G | |
| 60 8-10 | 34,88 G | 13″,7 G |

**27538 P. — 38579 L.**

| | | |
|---|---|---|
| III. | 20h2m | 47°16′ |
| 80 8-31 | 17s,47 G | 12″,5 G |

**27539 P. — 10864 Cambridge.**

| | | |
|---|---|---|
| II. | 20h1m | 62°41′ |
| 59 9- 1 | 41s,07 G | |

**27540 P. — 38508 L.**

| | | |
|---|---|---|
| I. | 20h0m | 100°57′ |
| 40 8-30 | 40s,02 G | |
| II. | 20h1m | 100°54′ |
| 54 8-26 | 29s,21 G | |
| 8-27 | 29,24 G | |
| 57 9- 9 | | 46″,0 G |
| III. | 20h2m | 100°52′ |
| 79 8-26 | 18s,74 J | 11″,9 J |

**27541 P. — 4411 A + 9°**

| | | |
|---|---|---|
| II. | 20h1m | 80°23′ |
| 61 8- 1 | 39s,33 G | |

**27542 P. — 38527 L.**

| | | |
|---|---|---|
| II. | 20h1m | 90°33′ |
| 55 8-23 | 39s,61 G | 33″,8 G |
| 57 7-31 | | 35,1 G |
| III. | 20h2m | 90°31′ |
| 76 7-26 | 25s,86 G | 1″,3 G |
| 8- 4 | 25,86 G | 1,4 G |
| 8- 9 | 25,80 G | 1,2 G |

**27543 P. — 38552 L.**

| | | |
|---|---|---|
| II. | 20h1m | 71°34′ |
| 67 8-31 | 45s,70 M | 0″,9 M |
| III. | 20h2m | 71°31′ |
| 79 7-29[1] | | 29″,0 G |

[1] 𝒫 diminuée de 2″,2 : erreur de réduc.

**27544 P. — 38503 L.**

| | | |
|---|---|---|
| II. | 20h1m | 108°45′ |
| 54 8-25 | 38s,17 G | |
| 58 7-11 | | 9″,4 G |
| 9- 9 | 38,05 G | |
| 9-27[1] | | 10,8 F |
| 10- 8 | | 8,2 G |
| III. | 20h2m | 108°42′ |
| 70 8-17 | 30s,02 M | 36″,2 M |

[1] 𝒫 augmentée de 1′.

**27545 P. — 4064 A + 21°.**

| | | |
|---|---|---|
| | 20h1m | 68°47′ |
| 62 8- 6 | 51s,79 G | |

**27546 P. — 38543 et 45 L.**

| | | |
|---|---|---|
| I. | 20h1m | 80°23′ |
| 40 8- 5 | 7s,45 G | |
| 8- 9 | 7,45 G | 38″,6 F |
| II. | 20h1m | 80°21′ |
| 57 8-14 | 50s,52 G | 4″,5 G |
| 60 9- 5 | 50,56 G | |
| 61 8- 1 | 50,82 G | 4,2 G |

**27547 P. — 38539 L.**

| | | |
|---|---|---|
| II. | 20h1m | 83°21′ |
| 62 9-14 | 51s,05 G | 49″,8 G |
| 10- 1 | 51,27 G | 48,9 G |

**27548 P. — 20086 A.O.**

| | | |
|---|---|---|
| I. | 20h3m | 13°55′ |
| 52 12-28 I | 23s,24 G | |

**27549 P. — 38534 L.**

| | | |
|---|---|---|
| II. | 20h1m | 88°45′ |
| 57 8-18 | 55s,21 G | 22″,0 G |
| 60 9- 9 | 54,62 G | |
| 9-15 | 54,80 G | 22,7 G |
| 9-16 | | 23,7 G |

**27550 P. — 38554-55 L.**

| | | |
|---|---|---|
| I. | 20h1m | 79°43′ |
| 41 8-28 | 14s,71 G | |
| II. | 20h1m | 79°40′ |
| 57 7-23 | 57s,63 G | |
| 58 8-11 | 57,72 G | 45″,1 G |
| 8-31 | 57,67 G | 44,5 G |
| 9-27 | 57,69 G | |
| 59 8-16 | | 45,7 G |

**27551 P. — 10 W$_1$.**

| | | |
|---|---|---|
| II. | 20h1m | 78°9′ |
| 59 7-25[1] | 58s,71 G | |
| 61 8-28[2] | 58,89 G | |

[1] 𝒜 augmentée de 0s,40 : l'observateur a diminué à tort deux fils de 1s.

[2] Erreur de 1° dans la déclinaison approchée inscrite : l'étoile est observée sur le même calage que 38566 L., et le cahier minute porte ★ $h = 53°0'$.

Dates 1800 + — Positions moyennes pour les époques du Catal.

**27552 P. — 38549 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | III. | |
| | 20h 2m | 54° 38′ |
| 80 8-27 | 41s,35 J | 33″,6 J |
| 9- 1 | 41,29 J | 33,6 J |

**27553 P. — 38556 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 20h 2m | 83° 43′ |
| 58 7-13 | | 4″,3 G |
| 59 7-21 | 3s,06 G | |

**27554 P. — 38588 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 20h 2m | 55° 39′ |
| 67 8-31 | 13s,46 G | 54″,9 G |
| | III. | |
| | 20h 2m | 55° 37′ |
| 74 8-21 | 47s,76 M | 21″,9 M |

**27555 P. — 38569 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 20h 2m | 70° 11′ |
| 58 9-18 | | 7″,3 G |

**27556 P. — 38570 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 20h 2m | 69° 52′ |
| 61 8- 5 | 8s,60 G | |
| | III. | |
| | 20h 2m | 69° 49′ |
| 79 9- 7 | 48s,48 J | 35″,1 J |

**27557 P. — 38538 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 20h 2m | 93° 0′ |
| 56 8- 2 | | 25″,4 G |
| 57 7-24 | 2s,17 G | 23,3 G |
| 58 9- 8 | 2,32 G | 24,8 G |

**27558 P. — 38523 et 40 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | III. | |
| | 20h 2m | 93° 19′ |
| 68 9- 4 | 51s,21 M | 1″,6 M |
| 74 9-24 | 51,13 M | 1,4 M |
| 75 9- 2 | 51,09 M | 2,3 M |
| 76 7-26 | 51,10 M | 1,7 M |
| 8-25 | 51,04 M | 1,3 M |

**27559 P. — 38591-92**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 20h 2m | 55° 58′ |
| 66 7-25[1] | 19s,94 G | 53″,6 G |
| 67 8- 9 | 19,97 G | 52,1 G |

**27559 (suite).**

| A. M. J. | Æ | D |
|---|---|---|
| | III. | |
| | 20h 2m | 55° 56′ |
| 81 8- 1 | 54s,31 J | 20″,4 J |
| 8- 2 | 54,30 J | 19,7 J |

[1] D diminuée de 5′. En outre, la lecture doit être diminuée de 6″ : err. d'impression.

**27560 P. — 38566 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 20h 2m | 78° 10′ |
| 59 7-25 | 13s,49 G | |
| 61 8-28 | 13,62 G | |
| | III. | |
| | 20h 2m | 78° 8′ |
| 80 9- 5[1] | 55s,81 M | 4″,2 M |

[1] Æ augm. de 0s,67 : erreur de réduct.

**27561 P. — 38517 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 20h 2m | 115° 19′ |
| 55 9-25 | 2s,24 G | 59″,8 G |
| | III. | |
| | 20h 2m | 115° 17′ |
| 79 8- 2 | 56s,53 J | 25″,6 J |

**27562 P. — 4814 R1.**

| A. M. J. | Æ | D |
|---|---|---|
| | I. | |
| | 20h 23m | 1° 28′ |
| 43 3- 7 I[1] | 50s,40 G | |

[1] Æ diminuée de 2s,08 : erreur de moy. (—1s,10) et err. de réduct. (—0s,98).

**27563 P. — 38587 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 20h 2m | 62° 11′ |
| 58 8-28 | 23s,47 G | |
| 59 7-26 | 23,29 G | |

**27564 P. — 38535-36 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 20h 2m | 103° 27′ |
| 54 8-29[1] | 12s,89 G | |
| 8-30 | 12,94 G | |
| 59 7-17 | | 13″,7 G |
| | III. | |
| | 20h 3m | 103° 24′ |
| 79 8-25 | 3s,23 J | 39″,4 J |

[1] Æ augmentée de 1m : err. de transcr.

**27565 P. — 38586 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 20h 2m | 64° 3′ |
| 58 9-10 | 26s,26 G | 17″,4 G |
| 9-16 | 26,22 G | |

**27566 P. — 38593 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | III. | |
| | 20h 3m | 57° 46′ |
| 81 8-21 | 4s,38 J | 33″,3 J |
| 8-22 | 4,16 J | 32,6 J |

**27567 P. — 38561 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 20h 2m | 92° 47′ |
| 58 9-26 | 17s,46 G | 50″,8 G |

**27568 P. — 38815 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | I. | |
| | 20h 3m | 13° 57′ |
| 39 7-27 | 52s,30 G | |
| 7-28 | 52,17 G | |
| 52 12-28 I | 51,90 G | |
| 53 3- 9 I | 50,80 G | |
| 8- 9 | 52,41 G | |
| 8-11 | 52,61 G | |
| 9- 3 | 51,57 G | |
| 9- 4 | 51,57 G | |
| 9- 9 | 52,62 G | |

**27569 P. — 38571 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 20h 2m | 78° 1′ |
| 67 8- 5 | 24s,52 M | 0″,4 M |

**27570 P. — 38568 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 20h 2m | 83° 8′ |
| 58 8-28 | | 54″,8 F |
| 59 8-23 | 23s,26 G | 57,0 G |
| | III. | |
| | 20h 2m | 83° 6′ |
| 79 8-26 | 7s,30 G | 21″,9 G |

**27571 P. — 38542 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 20h 2m | 103° 14′ |
| 54 9- 2 | 18s,04 G | |

**27572 P. — 23216 Mn1.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 20h 2m | 79° 28′ |
| 58 8-24 | 27s,32 G | 44″,5 G |
| 67 9- 4 | 27,55 M | 44,7 M |

**27573 P. — 38585 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 20h 2m | 68° 46′ |
| 58 8-30 | 31s,27 G | 63″,1 G |
| 59 7-25 | | 62,5 G |
| 62 8- 6 | | 62,8 G |
| 8-12 | 31,34 G | 59,9 G |
| 8-13 | 31,36 G | 61,0 G |

**27574 P. — 38533 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 20h 2m | 109° 47′ |
| 54 8-28 | 18s,20 G | 15″,3 G |
| | III. | |
| | 20h 3m | 109° 44′ |
| 80 8- 8[1] | 10s,80 M | 41″,8 M |

[1] D augmentée de 14″,8 : err. de 20″ dans la moy. et 5″,2 dans la transcr. du microm.

**27575 P. — 38589 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | I. | |
| | 20h 1m | 68° 17′ |
| 46 8-25 | 58s,45 G | 31″,7 G |
| 8-26 | 58,23 G | |
| 47 8-17 | 58,46 G | |
| 48 8- 9 | | 33,1 G |
| 49 7-26 | 58,13 G | |
| 9-25 | 58,32 G | |
| 50 8-12 | | 33,0 G |
| | II. | |
| | 20h 2m | 68° 15′ |
| 58 7-14 | 37s,44 G | 0″,9 G |
| 59 7-28 | 37,34 G | 2,1 G |
| 8-12 | 37,38 G | |

**27576 P. — 38557-58 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 20h 2m | 103° 25′ |
| 54 9- 6 | 27s,22 G | 5″,0 G |
| | III. | |
| | 20h 3m | 103° 22′ |
| 79 8-16 | 17s,50 J | 29″,5 J |

**27577 P. — 8039 Rümker.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 20h 2m | 71° 21′ |
| 62 9-12 | 39s,66 G | 45″,9 G |

**27578 P. — 38594 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 20h 2m | 65° 45′ |
| 61 7-29 | 43s,30 G | |
| 8-31 | 43,30 G | 22″,7 G |
| 10-12 | 43,37 G | 22,3 G |

**27579 P. — 38580 et 98 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 20h 2m | 79° 29′ |
| 58 8-24 | 39s,52 G | |
| 10- 9 | 39,31 G | |
| 60 9- 1 | 39,34 G | 22″,3 G |

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. ℛ | 𝒫 |
|---|---|---|

**27580 P. — 38582 à 84 L.**

| | ℛ | 𝒫 |
|---|---|---|
| I. | $20^h 1^m$ | 79°39' |
| 40 8-16 | $59^s,38$ G | |
| II. | $20^h 2^m$ | 79°37' |
| 56 8-30 | | 14",2 G |
| 58 10-3 | $42^s,19$ G | 15,2 G |

**27581 P. — 38590 L.**

| | ℛ | 𝒫 |
|---|---|---|
| II. | $20^h 2^m$ | 73°29' |
| 58 7-12 | | 53",3 G |
| 8-9 | | 53,1 G |
| 60 8-12 | $45^s,52$ G | |
| 9-11 | 45,90 G | 53,9 G |
| 61 9-7 | | 53,5 G |

**27582 P. — 38636 L.**

| | ℛ | 𝒫 |
|---|---|---|
| III. | $20^h 3^m$ | 46°21' |
| 81 7-28 | $27^s,80$ G | 17",8 G |

**27583 P. — 38607 L.**

| | ℛ | 𝒫 |
|---|---|---|
| II. | $20^h 2^m$ | 64°7' |
| 58 9-16 | $51^s,08$ G | |
| 60 9-19 | 50,97 G | 57",5 G |

**27584 P. — 57 $W_2$.**

| | ℛ | 𝒫 |
|---|---|---|
| II. | $20^h 2^m$ | 68°46' |
| 58 8-30 | $50^s,71$ G | |
| 62 8-6 | | 2",6 G |

**27585 P. — 66 Dragon.**

| | ℛ | 𝒫 |
|---|---|---|
| I. | $20^h 2^m$ | 28°27' |
| 46 9-18 | | 11",8 G |

**27586 P. — 38652 L.**

| | ℛ | 𝒫 |
|---|---|---|
| I. | $20^h 2^m$ | 40°13' |
| 40 9-12[1] | | 1",8 F |

[1] Observation faite sans indication de la position de l'observateur. On n'a pas tenu compte de la valeur de l'équation personnelle dans le calcul de la distance polaire.

**27587 P. — 38611 L.**

| | ℛ | 𝒫 |
|---|---|---|
| III. | $20^h 3^m$ | 65°35' |
| 80 8-30 | $37^s,82$ J | 53",0 J |
| 9-2 | 37,70 J | 53,2 J |

**27588 P. — 38599-600 L.**

| | ℛ | 𝒫 |
|---|---|---|
| II. | $20^h 2^m$ | 71°20' |
| 58 7-16 | $57^s,60$ G | 5",3 F |
| 62 9-12 | | 4,2 G |
| III. | $20^h 3^m$ | 71°17' |
| 79 9-2 | $37^s,83$ G | 30",2 G |

**27589 P. — 3907 A — 1°.**

| | ℛ | 𝒫 |
|---|---|---|
| II. | $20^h 2^m$ | 91°15' |
| 61 9-30 | | 26",9 G |

**27590 P. — 20284-85 A.O.**

| | ℛ | 𝒫 |
|---|---|---|
| II. | $20^h 2^m$ | 119°6' |
| 58 8-19 | $48^s,86$ G | |

**27591 P. — 38639-40 L.**

| | ℛ | 𝒫 |
|---|---|---|
| III. | $20^h 3^m$ | 47°58' |
| 80 8-20 | $46^s,20$ G | 42",4 G |
| 8-26 | 46,12 G | 41,5 G |

**27592 P. — 4430 A + 5°.**

| | ℛ | 𝒫 |
|---|---|---|
| II. | $20^h 3^m$ | 84°51' |
| 58 9-28 | $4^s,84$ G | |

**27593 P. — 38581 L.**

| | ℛ | 𝒫 |
|---|---|---|
| II. | $20^h 3^m$ | 96°34' |
| 55 9-8 | | 20",2 G |
| 56 7-28 | | 19,9 G |
| 8-2 | $2^s,06$ G | |
| 62 9-20 | 1,82 G | |

**27594 P. — 38613 L (le centre).**

| | ℛ | 𝒫 |
|---|---|---|
| II. | $20^h 3^m$ | 73°36' |
| 58 7-21 | | 35",0 G |
| 61 8-19 | $11^s,54$ G | 33,9 G |
| 9-7 | 11,42 G | |
| 67 8-23[1] | 11,53 M | 31,8 M |
| 8-24[1] | 11,59 M | 32,6 M |

[1] 𝒫 diminuée de 1' : observations faites sur le même calage que celles de 38422 L également erronées de 1'.

**27595 P. — 38613 L (la plus aust.).**

| | ℛ | 𝒫 |
|---|---|---|
| II. | $20^h 3^m$ | 73°36' |
| 57 8-13 | | 33",9 G |

**27596 P. — 38647-48 L.**

| | ℛ | 𝒫 |
|---|---|---|
| III. | $20^h 3^m$ | 47°45' |
| 81 8-5 | $53^s,20$ G | 24",7 G |

**27597 P. — 38658 L.**

| | ℛ | 𝒫 |
|---|---|---|
| III. | $20^h 3^m$ | 44°21' |
| 80 8-30 | $55^s,50$ G | 56",3 G |
| 9-2 | 55,28 G | 55,0 G |

**27598 P. — 38801 L.**

| | ℛ | 𝒫 |
|---|---|---|
| II. | $20^h 3^m$ | 86°44' |
| 57 7-27 | $11^s,67$ G | 43",8 G |
| 10-6 | | 45,4 G |
| 63 8-11 | 11,58 M | 44,9 M |

**27599 P. — 7983 Berlin A.**

| | ℛ | 𝒫 |
|---|---|---|
| II. | $20^h 3^m$ | 74°13' |
| 60 8-10 | $16^s,22$ G | |

**27600 P. — 75 $W_2$.**

| | ℛ | 𝒫 |
|---|---|---|
| II. | $20^h 3^m$ | 71°37' |
| 67 8-31 | $17^s,69$ M | 33",4 M |

**27601 P. — 20291-92 A.O.**

| | ℛ | 𝒫 |
|---|---|---|
| I. | $20^h 2^m$ | 107°25' |
| 40 9-29 | $18^s,07$ G | |
| 9-30 | 18,11 G | |
| 41 9-11 | 18,08 G | |
| 9-19 | 18,27 G | |
| 9-20 | 18,10 G | |

**27602 P. — 38572 L.**

| | ℛ | 𝒫 |
|---|---|---|
| II. | $20^h 3^m$ | 112°21' |
| 54 9-27 | $9^s,53$ G | |
| 58 8-5 | | 45",0 G |

**27603 P. — 38612 L.**

| | ℛ | 𝒫 |
|---|---|---|
| I. | $20^h 2^m$ | 82°0' |
| 39 8-23 | | 3",0 F |
| 9-8 | $37^s,65$ G | |
| II. | $20^h 3^m$ | 81°57' |
| 56 7-15 | | 32",2 G |
| 57 7-21 | | 33,6 G |
| 8-21 | | 32,3 G |
| 10-12 | $21^s,16$ G | 34,3 G |
| 10-15 | 21,19 G | |
| 58 9-13 | 21,12 G | 32,9 G |

**27604 P. — 13806 Bonn.**

| | ℛ | 𝒫 |
|---|---|---|
| II. | $20^h 3^m$ | 42°51' |
| 63 8-6 | $40^s,61$ M | 38",4 M |

**27605 P. — 38620 L.**

| | ℛ | 𝒫 |
|---|---|---|
| III. | $20^h 4^m$ | 69°17' |
| 74 9-1 | $9^s,62$ M | 14",4 M |
| 79 8-20 | | 13,8 G |
| 80 8-11 | 9,58 M | 13,6 M |

**27606 P. — 4160 A + 11°.**

| | ℛ | 𝒫 |
|---|---|---|
| II. | $20^h 3^m$ | 78°6' |
| 61 8-28 | $37^s,00$ G | |

**27607 P. — 38609 L.**

| | ℛ | 𝒫 |
|---|---|---|
| II. | $20^h 3^m$ | 93°55' |
| 61 8-30 | $32^s,35$ G | 0",1 G |
| 62 9-17 | 32,48 G | 0,8 G |

**27608 P. — 38631 L.**

| | ℛ | 𝒫 |
|---|---|---|
| II. | $20^h 3^m$ | 69°30' |
| 58 8-7 | $42^s,25$ G | |
| 11-4[1] | 42,19 G | |
| 59 9-24 | 42,41 G | 47",4 G |
| 11-12 | 42,23 G | |
| III. | $20^h 4^m$ | 69°28' |
| 79 9-1 | $21^s,82$ G | |
| 9-8 | 21,68 G | 11",2 G |
| 81 8-2 | 22,02 M | 12,0 M |

[1] Indiquée à tort au t. XII comme précédant 38650 L. (dist. des fils). ℛ diminuée de $0^s,15$ : suppression d'un fil en erreur de $1^s$.

**27609 P. — 38602-03 et 06 L.**

| | ℛ | 𝒫 |
|---|---|---|
| I. | $20^h 2^m$ | 99°17' |
| 40 8-20 | | 47",0 F |
| 41 9-21 | $45^s,64$ G | |
| 9-22 | 45,61 G | |
| 10-1 | 45,58 G | |
| 10-8 | 45,51 G | |
| II. | $20^h 3^m$ | 99°15' |
| 55 8-19 | | 13",5 G |
| 9-15 | | 13,5 G |
| 58 7-30 | $34^s,54$ G | 12,0 G |
| 8-12 | 34,44 G | 13,1 G |
| 8-20 | 34,35 G | 11,9 G |
| III. | $20^h 4^m$ | 99°12' |
| 79 9-2 | $23^s,41$ J | 38",0 J |

**27610 P. — 38623 L.**

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. AR | D |
|---|---|---|
| | II. | |
| | $20^h 3^m$ | 77°41′ |
| 57 10- 3 | $41^s,74$ G | 25″,9 G |
| 10-13 | 41,58 G | 26,7 G |
| 58 9-27 | 41,69 G | |

**27611 P. — 38633 L.**

| A. M. J. | AR | D |
|---|---|---|
| | I. | |
| | $20^h 3^m$ | 69°32′ |
| 46 7-20 | $6^s,28$ G | |
| 9- 2 | 6,23 G | |
| 10- 1 | 6,35 G | |
| 10- 3 | 6,30 G | |
| 47 10-27 | | 30″,1 G |
| 48 8-28 | | 30,5 G |
| | II. | |
| | $20^h 3^m$ | 69°29′ |
| 58 8- 7 | $45^s,95$ G | |
| 11- 4[1] | 46,02 G | |
| 59 9-24 | 45,97 G | |
| 11-12 | 46,03 G | |
| | III. | |
| | $20^h 4^m$ | 69°27′ |
| 79 9- 7 | $25^s,72$ G | 19″,9 G |
| 9-17 | 25,58 G | 16,7 G |
| 80 8- 9 | 25,71 M | 18,5 M |

[1] Indiquée à tort comme 38650 L (dist· des fils).

**27612 P. — 38610 L.**

| A. M. J. | AR | D |
|---|---|---|
| | I. | |
| | $20^h 2^m$ | 96°32′ |
| 40 10-10 | $49^s,77$ G | |
| 10-15 | 50,06 G | |
| | II. | |
| | $20^h 3^m$ | 96°29′ |
| 55 8-27 | $38^s,04$ G | |
| 60 7-24 | 38,12 G | 56″,3 G |

**27613 P. — 20297 A.O.**

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | $20^h 3^m$ | 119°57′ |
| 58 8-19 | | 56″,1 G |

**27614 P. — 38616 L.**

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | $20^h 3^m$ | 93°59′ |
| 57 8-28 | | 8″,8 G |
| 61 8-30 | | 9,6 G |
| 62 9-13 | $43^s,44$ G | 9,3 G |

**27615 P. — 38650 L.**

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | $20^h 3^m$ | 62°5′ |
| 58 8-28 | $55^s,45$ G | |
| 9-23 | 55,34 G | 5″,5 G |
| 59 7-26 | 55,45 G | |

**27616 P. — 38670-71 L.**

| A. M. J. | AR | D |
|---|---|---|
| | III. | |
| | $20^h 4^m$ | 56°41′ |
| 68 7-30 | $42^s,58$ G | |
| 69 10-11 | 42,52 M | 6″,5 M |
| 74 9-14 | 42,63 G | 4,4 G |
| 75 9- 7 | 42,65 M | 3,8 M |
| 9-15 | 42,92 M | 6,9 M |
| 76 8-16 | 42,71 M | 6,6 M |

**27617 P. — 68 $W_1$.**

| A. M. J. | AR | D |
|---|---|---|
| | I. | |
| | $20^h 3^m$ | 75°53′ |
| 40 8- 9 | $19^s,68$ G | 35″,8 F |

**27618 P. — 38655 L.**

| A. M. J. | AR | D |
|---|---|---|
| | I. | |
| | $20^h 3^m$ | 68°18′ |
| 49 7-26 | $27^s,92$ G | |
| 8-19 | 27,98 G | |
| 8-21 | 27,95 G | |
| | II. | |
| | $20^h 4^m$ | 68°16′ |
| 58 7-14 | $7^s,25$ G | |
| 59 7-28 | 7,17 G | |
| 8-12 | 7,38 G | |
| | III. | |
| | $20^h 4^m$ | 68°13′ |
| 80 9- 6 | $46^s,54$ G | 35″,5 M |

**27619 P. — 38682 L.**

| A. M. J. | AR | D |
|---|---|---|
| | I. | |
| | $20^h 3^m$ | 53°36′ |
| 37 6-19 | $40^s,29$ G | 47″,6 F |
| 39 10- 9 | 40,42 G | |
| 46 7-17 | 40,08 G | |
| 48 11-16 | 40,20 G | 49,6 G |
| | II. | |
| | $20^h 4^m$ | 53°34′ |
| 63 8- 4 | $13^s,61$ G | |
| 8- 6 | 13,72 G | |
| 8- 9 | 13,59 G | |
| 8-10 | 13,60 G | |
| 8-14[1] | 13,32 M | |
| 8-14 | 13,66 G | |
| 8-17 | 13,59 G | |
| 9-11 | 13,69 G | |
| 9-12 | 13,69 G | |
| 9-15 | 13,69 G | |
| 64 7-29 | 13,54 G | |
| 8- 2 | 13,59 G | |
| 8- 7 | 13,68 G | |
| 8- 8 | 13,75 G | |
| 8-10 | 13,64 G | |
| 8-11 | 13,66 G | |
| 8-16 | 13,62 G | |
| 8-17 | 13,67 G | |
| 8-24 | 13,58 G | |
| 8-27 | 13,73 G | |
| 9- 9 | 13,72 G | |

**27619 P. (suite).**

| A. M. J. | AR | D |
|---|---|---|
| | III. | |
| | $20^h 4^m$ | 53°31′ |
| 69 10-12 | $47^s,22$ M | 37″,6 M |
| 72 9-10 | 47,14 G | |
| 75 8-25 | 47,02 G | |

[1] AR diminuée de $5^m$. Indiquée à tort comme o² Cygne (distance des fils).

**27620 P. — 38627 à 29 L.**

65 θ Aigle.

Étoile fondamentale.

**27621 P. — 72 $W_1$.**

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | $20^h 4^m$ | 78°13′ |
| 59 7-25 | $9^s,77$ G | |

**27622 P. — 64 $W_1$.**

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | $20^h 4^m$ | 90°33′ |
| 62 9- 9 | | 7″,3 G |
| 9-16 | | 6,4 G |

**27623 P. — 38669 et 72 L.**

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | $20^h 4^m$ | 62°8′ |
| 58 8-28 | $16^s,81$ G | 28″,8 G |
| 9-23 | 16,94 G | |
| 59 7-25 | | 27,5 G |
| 7-26 | 16,69 G | |

**27624 P. — 38632 L.**

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | $20^h 4^m$ | 90°32′ |
| 57 7-31 | | 15″,2 G |
| 62 9- 9 | $7^s,51$ G | 16,6 G |
| 9-16 | 7,47 G | 16,5 G |
| | III. | |
| | $20^h 4^m$ | 90°29′ |
| 76 8- 4 | $53^s,65$ G | |
| 8- 9 | 53,68 G | 41″,2 G |
| 8-12 | 53,78 G | 41,2 G |

**27625 P. — 38625 L.**

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | $20^h 4^m$ | 96°33′ |
| 60 7-24 | $8^s,10$ G | |
| 62 9-20 | | 41″,0 G |
| | III. | |
| | $20^h 4^m$ | 96°31′ |
| 79 9- 3 | $55^s,83$ J | 8″,6 J |

**27626 P. — 38699-700 L.**

| A. M. J. | AR | D |
|---|---|---|
| | III. | |
| | $20^h 4^m$ | 48°8′ |
| 68 10-22 | $55^s,88$ M | 9″,5 M |
| 76 8-17 | 56,01 M | 10,1 M |

**27627 P. — 38657 L.**

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | $20^h 4^m$ | 75°12′ |
| 58 8-16 | $17^s,15$ G | 37″,9 G |
| | III. | |
| | $20^h 4^m$ | 75°10′ |
| 71 7-31 | $58^s,89$ G | |

**27628 P. — 38646 L.**

| A. M. J. | AR | D |
|---|---|---|
| | I. | |
| | $20^h 3^m$ | 84°6′ |
| 40 8-16 | $32^s,01$ G | |
| 41 8-19 | | 26″,8 F |
| | II. | |
| | $20^h 4^m$ | 84°3′ |
| 57 8- 7 | | 49″,6 G |
| 8-17 | $16^s,28$ G | 49,9 G |
| | III. | |
| | $20^h 5^m$ | 84°1′ |
| 71 8- 1 | $0^s,70$ M | 14″,4 M |

**27629 P. — 38621, 22 et 24 L.**

| A. M. J. | AR | D |
|---|---|---|
| | I. | |
| | $20^h 3^m$ | 102°50′ |
| 39 8-21 | $22^s,53$ G | |
| 8-23 | 22,29 G | |
| 40 8-27 | 22,18 G | |
| 8-28 | 22,32 G | |
| 8-29 | 22,32 G | 53″,0 F |
| 8-30 | 22,28 G | 51,6 F |
| 8-31 | | 53,7 F |
| 46 7-22 | | 52,5 G |
| 7-28 | 22,18 G | |
| 47 10-26 | 22,34 G | |
| 10-27 | | 51,7 F |
| 10-28 | | 52,2 G |
| 10-28 | | 53,7 F |
| 48 7-17 | 22,18 G | |
| 7-26 | 22,23 G | |
| 8-12 | | 50,9 G |
| 9-15 | 22,24 G | |
| 11- 9 | 22,16 G | |
| | II. | |
| | $20^h 4^m$ | 102°48′ |
| 54 9-18 | $12^s,12$ G | 17″,8 G |
| 58 7-11 | | 17,5 G |
| 66 10-17 | 12,22 M | 18,9 M |

**27630 P. — 4171 A + 16°.**

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | $20^h 4^m$ | 73°28′ |
| 60 9-11 | $26^s,33$ G | |

Dates 1800+ — Positions moyennes pour les époques du Catal.

### 27631 P. — 38681 L.

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| | II. | |
| | 20h 4m | 65°21' |
| 58 9-14 | 30s,98 G | 45",1 G |

### 27632 P. — 38634 L.

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| | I. | |
| | 20h 3m | 101°10' |
| 41 10-15[1] | 35s,23 G | |
| | II. | |
| | 20h 4m | 101°7' |
| 54 9- 4 | 24s,71 G | |
| 9-19 | 24,80 G | 46",5 G |
| 9-21 | | 43,6 G |
| 9-25 | 24,74 G | |
| 57 8-12 | 24,87 G | 45,8 G |
| 59 7-17 | | 45,1 G |

[1] Erreur de 1° dans la déclinaison approchée inscrite : le registre porte ★ $h = 30°1'$.

### 27633 P. — 38618 L.

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| | II. | |
| | 20h 4m | 115°13' |
| 55 9- 8 | 23s,15 G | |
| 57 6-29 | 23,15 G | 11",5 G |
| | III. | |
| | 20h 5m | 115°10' |
| 79 8-12 | 17s,24 M | 35",6 M |

### 27634 P. — 38660 L.

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| | II. | |
| | 20h 4m | 84°20' |
| 57 8-22 | 32s,88 G | 23",9 G |
| 9-29 | 33,15 G | |

### 27635 P. — 38664 L.

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| | I. | |
| | 20h 3m | 81°44' |
| 39 9- 8 | 50s,61 G | |
| | II. | |
| | 20h 4m | 81°41' |
| 57 8- 6 | | 43",3 G |
| 10- 2 | 33s,93 G | 44,0 G |

### 27636 P. — 38690 L.

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| | I. | |
| | 20h 4m | 63°33' |
| 46 8-14 | 5s,27 G | |
| 8-17 | 5,30 G | |
| 11- 3 | 5,32 G | |
| 11- 4 | 5,41 G | |
| 11-14 | 5,39 G | |
| 47 9- 9 | | 6",2 G |
| 11-13 | | 5,7 G |
| 49 8-11 | | 4,6 G |
| 50 8-24 | 5,39 G | |

### 27636 P. (suite).

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| | II. | |
| | 20h 4m | 63°30' |
| 58 9-19 | 43s,10 G | 28",4 G |

### 27637 P. — 38674 L.

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| | II. | |
| | 20h 4m | 78°0' |
| 67 8- 5 | 41s,16 M | 34",0 M |

### 27638 P. — 18 Piazzi.

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| | I. | |
| | 20h 3m | 90°16' |
| 40 9-12 | 52s,47 G | |

### 27639 P. — 38683 L.

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| | II. | |
| | 20h 4m | 74°14' |
| 58 7-17 | 45s,23 G | 24",9 G |
| 7-25 | 45,44 G | |
| 10- 2 | 45,27 G | 26,5 G |

### 27640 P. — 3775 A + 33°.

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| | II. | |
| | 20h 4m | 56°51' |
| 67 8-31 | 51s,81 G | 22",5 G |

### 27641 P. — 38641, 42, 43 et 93 L.

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| | I. | |
| | 20h 3m | 103°3' |
| 40 8-29 | | 59",6 F |
| 8-31 | | 60,5 F |
| 47 9-10 | 47s,28 G | 61,3 G |
| 9-11 | 47,49 G | |
| | II. | |
| | 20h 4m | 103°1' |
| 54 8-27 | 37s,55 G | |
| 9-26 | 37,59 G | 29",3 G |
| 58 9-12[1] | | 28,7 G |
| 9-27[2] | | 30,4 F |

[1] 𝔓 augmentée de 3" : erreur de réduct.
[2] 𝔓 diminuée de 30' : erreur de transcr.

### 27642 P. — 4075 A + 15°.

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| | II. | |
| | 20h 4m | 74°16' |
| 58 7-17 | 49s,00 G | |
| 7-25 | 48,86 G | |

### 27643 P. — 38649 et 51 L.

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| | I. | |
| | 20h 3m | 98°32' |
| 40 8-20 | | 54",6 F |
| | II. | |
| | 20h 4m | 98°30' |
| 55 8-20 | | 21",1 G |
| 57 7-11 | 42s,03 G | |
| 58 9- 8 | 41,98 G | 18,9 G |
| 10- 8 | | 19,5 G |

### 27644 P. — 38734-35 L.

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| | III. | |
| | 20h 5m | 47°49' |
| 81 9-15 | 32s,29 G | 36",1 G |

### 27645 P. — 92 W$_1$.

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| | II. | |
| | 20h 4m | 73°33' |
| 61 8-19 | 52s,00 G | 34",6 G |
| 67 8-23[1] | 51,92 M | 34,1 M |
| 8-24[1] | 51,88 M | 34,9 M |

[1] 𝔓 diminuée de 1' : observ. faites sur le même calage que celles de 38422 L également erronées de 1'.

### 27646 P. — 38676 L.

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| | II. | |
| | 20h 4m | 86°36' |
| 59 7- 2 | | 45",9 G |
| 61 8- 5 | 52s,22 G | |
| 10-10 | 52,23 G | 44,4 G |

### 27647 P. — 38694-95 L.

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| | II. | |
| | 20h 4m | 71°2' |
| 58 8-11 | 57s,96 G | 49",8 G |
| 59 7-14 | 57,71 G | 51,5 G |

### 27648 P. — 4199 A + 10°.

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| | III. | |
| | 20h 5m | 79°14' |
| 81 9-15[1] | 45s,78 M | 59",7 M |

[1] 𝔓 augmentée de 1'.

### 27649 P. — 38702 L.

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| | II. | |
| | 20h 5m | 69°3' |
| 58 9-10 | 8s,39 G | 42",8 G |
| | III. | |
| | 20h 5m | 69°1' |
| 80 9- 5 | 47s,86 M | 6",2 M |

### 27650 P. — 38661 L.

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| | II. | |
| | 20h 4m | 104°12' |
| 54 9-27 | 57s,32 G | |
| 56 8- 5 | | 23",4 G |
| 58 9-13 | | 22,0 G |
| | III. | |
| | 20h 5m | 104°9' |
| 79 8- 2 | 48s,06 J | 46",1 J |

### 27651 P. — 23405 Mn$_1$.

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| | I. | |
| | 20h 4m | 75°48' |
| 40 8- 5 | 26s,64 G | |
| 8- 9 | 26,64 G | 30",3 F |

### 27652 P. — 38684 L.

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| | II. | |
| | 20h 5m | 88°6' |
| 56 7- 5 | | 23",7 G |
| 58 7-13 | | 24,6 G |
| 59 8-23 | | 25,4 G |
| | III. | |
| | 20h 5m | 88°3' |
| 74 8-20 | 52s,31 G | 48",9 G |

### 27653 P. — 38667 L.

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| | II. | |
| | 20h 5m | 101°15' |
| 54 8-22 | | 16",8 G |
| 8-30 | | 17,9 G |

### 27654 P. — 38706 L.

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| | III. | |
| | 20h 5m | 68°29' |
| 81 8- 1 | 53s,32 J | 43",4 J |
| 8- 2 | 53,08 J | 43,2 J |

### 27655 P. — 38679 L.

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| | II. | |
| | 20h 5m | 96°46' |
| 58 9- 9 | | 51",3 F |
| 9-26 | 10s,03 G | 51,6 G |
| | III. | |
| | 20h 5m | 96°44' |
| 68 9- 1 | 58s,18 M | 15",7 M |

### 27656 P. — 38678 et 727 L.

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| | II. | |
| | 20h 5m | 97°57' |
| 59 9- 5 | 10s,31 G | |
| 61 8-29[1] | 10,48 G | 57",7 G |
| 8-31 | 10,28 G | 57,6 G |
| 62 9-14 | 10,29 G | 56,2 G |
| 10- 1[2] | 10,54 G | 57,7 G |

[1] 𝔓 augmentée de 1'.
[2] 𝔓 diminuée de 10" : erreur de réduct.

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|---|---|---|

**27657 P. — 38710 L.**

| III. | $20^h 6^m$ | 68°20′ |
|---|---|---|
| 81 8-21 | $0^s,67$ J | 40″,4 J |
| 8-22 | 0,87 J | 38,3 J |

**27658 P. — 38750 L.**

| II. | $20^h 5^m$ | 49°56′ |
|---|---|---|
| 67 7-30 | $32^s,27$ G | 4″,0 G |
| III. | $20^h 6^m$ | 49°53′ |
| 79 7-31 | | 27″,1 G |
| 80 9- 3 | | 24,0 G |

**27659 P. — 38703-04 L.**

| II. | $20^h 5^m$ | 79°29′ |
|---|---|---|
| 57 8-26 | $22^s,99$ G | |
| 58 8-24 | 23,14 G | 54″,2 G |
| 10-12 | 22,94 G | |
| 67 9- 4 | 23,04 M | 55,9 M |

**27660 P. — 20320 A.O.**

| I. | $20^h 4^m$ | 107°20′ |
|---|---|---|
| 40 9-29 | $24^s,90$ G | |
| 9-30 | 24,89 G | |

**27661 P. — 38717-18 L.**

| II. | $20^h 5^m$ | 71°3′ |
|---|---|---|
| 58 10- 3 | $29^s,56$ G | 33″,2 G |

**27662 P. — 38685 et 742 L.**

| II | $20^h 5^m$ | 97°52′ |
|---|---|---|
| 59 10- 6 | $23^s,04$ G | |
| 61 8-31 | 23,01 G | |
| 62 9-19 | 22,91 G | 26″,7 G |
| 10- 1 | | 27,2 G |
| III. | $20^h 6^m$ | 97°49′ |
| 79 8-16 | $11^s,26$ J | 49″,9 J |
| 9- 1 | 11,29 J | |

**27663 P. — 38731 L.**

| III. | $20^h 6^m$ | 60°53′ |
|---|---|---|
| 79 9- 2 | $12^s,22$ G | 2″,3 G |
| 80 8- 8[1] | 12,11 M | 2,1 M |

[1] D dim. de 4″,2 : err. de transcript. du microm.

**27664 P. — 26 Piazzi (la 1re).**

| I. | $20^h 4^m$ | 89°35′ |
|---|---|---|
| 41 8-27 | $40^s,62$ G | |
| 8-28 | 40,57 G | |
| 8-30 | 40,57 G | |

**27665 P. — 26 Piazzi (la 2e).**

| I. | $20^h 4^m$ | 89°35′ |
|---|---|---|
| 41 8-22 | $40^s,58$ G | |
| 8-24 | 40,85 G | |
| 9-10 | 40,63 G | |
| 9-11 | 40,74 G | |
| 9-19 | 40,75 G | |
| 9-20 | 40,84 G | |

**27666 P. — 38698 L.**

| I. | $20^h 4^m$ | 93°27′ |
|---|---|---|
| 40 10-10 | $41^s,15$ G | |
| 10-15 | 41,20 G | |

**27667 P. — 38719 L.**

| II. | $20^h 5^m$ | 75°3′ |
|---|---|---|
| 60 9-19 | $36^s,29$ G | 28″,5 G |
| 9-19 | | 28,0 F |
| 62 8-12 | 36,38 G | 25,4 G |

**27668 P. — 38744-45 L.**

| III. | $20^h 6^m$ | 61°12′ |
|---|---|---|
| 80 8-30 | $19^s,93$ J | 12″,2 J |
| 9- 1 | 19,93 J | 13,2 J |

**27669 P. — 38770 et 72 L.**

| II. | $20^h 5^m$ | 45°47′ |
|---|---|---|
| 66 8-22 | $54^s,26$ G | |
| III. | $20^h 6^m$ | 45°45′ |
| 80 9- 3[1] | $23^s,41$ G | |

[1] Æ diminuée de $7^s$ : erreur de moy.

**27670 P. — 4220 A + 14°.**

| I. | $20^h 5^m$ | 75°43′ |
|---|---|---|
| 40 8- 9 | $1^s,35$ G | |

**27671 P. — 10972 Cambridge.**

| II. | $20^h 5^m$ | 62°58′ |
|---|---|---|
| 58 9-16 | $48^s,27$ G | |

**27672 P. — 38728-29 L.**

| II. | $20^h 5^m$ | 79°9′ |
|---|---|---|
| 58 8-31 | $47^s,42$ G | 28″,2 G |

**27673 P. — 38712 L.**

| II. | $20^h 5^m$ | 87°6′ |
|---|---|---|
| 57 7-12 | $48^s,90$ G | |
| 10- 6 | | 37″,7 G |
| 59 7-21 | 48,77 G | 38,9 G |

**27674 P. — 38751 L.**

| I. | $20^h 5^m$ | 63°38′ |
|---|---|---|
| 46 7-28[1] | $19^s,29$ G | |
| 8-25 | 19,37 G | 59″,0 G |
| 8-26 | 19,35 G | |
| 9-13 | | 59,1 G |
| 9-26 | | 58,2 G |
| 9-29 | | 59,4 G |
| 11- 3 | 19,31 G | |
| 11- 4 | 19,45 G | |
| 50 7-24 | | 58,9 G |
| 8-18 | | 58,8 G |
| II. | $20^h 5^m$ | 63°36′ |
| 58 9-19 | $57^s,21$ G | |
| 61 9- 1 | 57,00 G | 23″,7 G |
| 64 7-19 | | 22,5 G |
| 7-26 | | 23,2 G |
| 8- 1 | | 22,1 G |
| 65 8-30 | | 22,0 G |
| III. | $20^h 6^m$ | 63°33′ |
| 81 8-18 | $34^s,54$ M | 44″,1 M |

[1] Æ augmentée de $1^m$.

**27675 P. — 38746 L.**

| I. | $20^h 5^m$ | 69°23′ |
|---|---|---|
| 47 8-17 | $16^s,51$ G | |
| III. | $20^h 6^m$ | 69°18′ |
| 74 8-13 | $35^s,55$ M | 14″,9 M |

**27676 P. — 38754 L.**

| II. | $20^h 6^m$ | 63°31′ |
|---|---|---|
| 58 9-19 | $0^s,37$ G | |
| 61 9- 1 | | 9″,6 G |

**27677 P. — 38713 L.**

| I. | $20^h 5^m$ | 90°47′ |
|---|---|---|
| 38 10-10 | $6^s,51$ G | 29″,5 F |
| 39 8-21 | 6,59 G | |
| 8-24 | 6,52 G | |
| 40 8-29 | 6,52 G | 28,8 F |
| 9-21 | 6,43 G | |
| 41 8-18 | 6,62 G | |
| II. | $20^h 5^m$ | 90°44′ |
| 58 8-20 | $52^s,64$ G | 52″,1 G |
| 10- 5 | | 52,6 G |
| 60 9-16[1] | | 53,3 G |
| 61 8- 1 | 52,83 G | 53,2 G |
| 62 9-20 | 52,86 G | 52,8 G |

[1] D diminuée de 1′.

**27678 P. — 38752 L.**

| III. | $20^h 6^m$ | 66°27′ |
|---|---|---|
| 74 9- 1 | $40^s,02$ M | 12″,0 M |
| 79 8-26[1] | 40,01 G | 10,2 G |

[1] Æ augmentée de $1^s$ : correct. indiquée comme probable par l'observateur.

**27679 P. — 38739 L.**

| II. | $20^h 5^m$ | 79°16′ |
|---|---|---|
| 58 8-31 | $58^s,29$ G | |
| 61 8-30 | | 41″,7 G |
| III. | $20^h 6^m$ | 79°14′ |
| 80 8-11 | $41^s,04$ M | 4″,4 M |

**27680 P. — 4113 A + 2°.**

| II. | $20^h 5^m$ | 86°59′ |
|---|---|---|
| 57 8-20 | $57^s,74$ G | |

**27681 P. — 38766-67 L.**

| III. | $20^h 6^m$ | 56°23′ |
|---|---|---|
| 69 9- 8 | $43^s,19$ M | 50″,2 M |
| 75 8-17 | 43,46 G | 48,8 G |

**27682 P. — 10980 Cambridge.**

| II. | $20^h 6^m$ | 63°40′ |
|---|---|---|
| 61 9- 1 | | 20″,3 G |

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| --- | --- | --- |

**27683 P. — 38730, 32 et 33 L.**

| A. M. J. | Æ. | D. |
| --- | --- | --- |
| | II. | |
| | 20h 5m | 86°55′ |
| 56 9-27 | | 44″,4 G |
| 57 7-27 | 58s,91 G | 43,1 G |
| 8-20 | 58,82 G | 45,1 G |
| 10-12 | 58,81 G | 45,2 G |
| | III. | |
| | 20h 6m | 86°53′ |
| 74 8- 6 | 44s,17 M | 8″,6 M |

**27684 P. — 20159 A.O.**

| A. M. J. | Æ. | D. |
| --- | --- | --- |
| | I. | |
| | 20h 5m | 40°38′ |
| 45 8- 4[1] | 52s,90 G | |

[1] Æ diminuée de 1s : erreur de moy.

**27685 P. — 38759 L.**

| A. M. J. | Æ. | D. |
| --- | --- | --- |
| | I. | |
| | 20h 5m | 63°58′ |
| 46 7-20 | 30s,67 G | 50″,2 G |
| 9-30 | 30,77 G | |

**27686 P. — 38722-23 L.**

| A. M. J. | Æ. | D. |
| --- | --- | --- |
| | I. | |
| | 20h 5m | 91°28′ |
| 46 7-22 | 13s,43 G | |
| 47 11- 1 | | 10″,9 G |
| 11- 1 | | 8,7 F |
| | II. | |
| | 20h 5m | 91°25′ |
| 55 9- 8 | | 33″,8 G |
| 56 8- 2 | 60s,11 G | 32,9 G |
| 57 8- 9 | 59,93 G | |
| 9- 1[1] | 59,78 G | |
| 58 8-12 | 59,97 G | 34,4 G |

[1] Erreur de 30′ dans la déclinaison approchée indiquée.

**27687 P. — 38790 L.**

| A. M. J. | Æ. | D. |
| --- | --- | --- |
| | I. | |
| | 20h 5m | 42°13′ |
| 40 9-12 | | 32″,4 F |
| | III. | |
| | 20h 6m | 42°8′ |
| 81 9-17 | 46s,65 G | 18″,5 G |

**27688 P. — 38778 L.**

| A. M. J. | Æ. | D. |
| --- | --- | --- |
| | II. | |
| | 20h 6m | 52°1′ |
| 66 7-25 | 18s,77 G | 11″,7 G |
| 67 8- 9 | 18,86 G | 10,8 G |
| | III. | |
| | 20h 6m | 51°58′ |
| 79 9- 8 | 51s,55 G | 31″,0 G |

**27689 P. — 38705 L.**

| A. M. J. | Æ. | D. |
| --- | --- | --- |
| | II. | |
| | 20h 6m | 107°5′ |
| 54 8-26 | 0s,28 G | |
| 8-28 | 0,45 G | 9″,0 G |
| | III. | |
| | 20h 6m | 107°2′ |
| 79 8-11 | 51s,88 M | 31″,9 M |

**27690 P. — 38756 L.**

| A. M. J. | Æ. | D. |
| --- | --- | --- |
| | II. | |
| | 20h 6m | 75°5′ |
| 58 7-12[1] | | 13″,9 G |
| | III. | |
| | 20h 7m | 75°2′ |
| 79 8-20 | 1s,23 G | 38″,5 G |

[1] D augmentée de 1° : erreur de réduct.

**27691 P. — 38741 L.**

| A. M. J. | Æ. | D. |
| --- | --- | --- |
| | II. | |
| | 20h 6m | 91°37′ |
| 57 8-28 | | 39″,7 G |
| 61 8-22 | 15s,50 G | |
| 9- 7 | 15,40 G | 42,4 G |
| 10-12 | 15,61 G | 42,4 G |
| | III. | |
| | 20h 7m | 91°35′ |
| 76 9-23 | 1s,90 G | 4″,7 G |
| 78 9-19 | 1,95 G | 3,5 G |

**27692 P. — 38768 L.**

| A. M. J. | Æ. | D. |
| --- | --- | --- |
| | II. | |
| | 20h 6m | 66°37′ |
| 58 11- 4 | 25s,46 G | |
| 59 7-25 | | 20″,2 G |
| | III. | |
| | 20h 7m | 66°34′ |
| 79 9- 7[1] | 3s,91 G | 49″,4 G |

[1] D non inscrite au Catal.

**27693 P. — 131 W$_1$.**

| A. M. J. | Æ. | D. |
| --- | --- | --- |
| | II. | |
| | 20h 6m | 74°19′ |
| 58 7-25 | 25s,94 G | |

**27694 P. — 38757 L.**

| A. M. J. | Æ. | D. |
| --- | --- | --- |
| | I. | |
| | 20h 5m | 78°36′ |
| 41 8-19[1] | | 30″,3 F |
| | II. | |
| | 20h 6m | 78°33′ |
| 58 7-16 | 25s,94 G | |
| 60 9- 1 | | 53″,1 G |
| 9-15 | 25,84 G | |

**27694 P. (suite.)**

| A. M. J. | Æ. | D. |
| --- | --- | --- |
| | III. | |
| | 20h 7m | 78°31′ |
| 71 9- 5 | 8s,49 G | |
| 74 9-15 | 8,33 M | 15″,5 M |
| 75 9- 2 | 8,47 M | 16,7 M |
| 9- 7 | 8,46 M | 13,6 M |
| 76 8-25 | 8,51 M | 16,7 M |

[1] D augmentée de 5′.

**27695 P. — 241-42 W$_2$.**

| A. M. J. | Æ. | D. |
| --- | --- | --- |
| | II. | |
| | 20h 6m | 52°51′ |
| 67 9- 6[1] | 35s,28 G | 55″,9 G |

[1] Æ diminuée de 30s : erreur de moy.

**27696 P. — 38822 L.**

| A. M. J. | Æ. | D. |
| --- | --- | --- |
| | III. | |
| | 20h 7m | 37°59′ |
| 80 8-11 | | 9″,7 G |

**27697 P. — 7557 Berlin B.**

| A. M. J. | Æ. | D. |
| --- | --- | --- |
| | II. | |
| | 20h 6m | 66°38′ |
| 58 11- 4 | 32s,30 G | |

**27698 P. — 38753 L.**

| A. M. J. | Æ. | D. |
| --- | --- | --- |
| | II. | |
| | 20h 6m | 85°6′ |
| 58 8-28 | | 30″,6 F |
| 9- 5 | 26s,19 G | 30,9 G |
| 9-13 | 26,56 G | 31,3 G |
| | III. | |
| | 20h 7m | 85°3′ |
| 71 8- 1 | 11s,21 M | 52″,8 M |

**27699 P. — 38810 L.**

| A. M. J. | Æ. | D. |
| --- | --- | --- |
| | II. | |
| | 20h 6m | 43°17′ |
| 67 9-10 | 43s,73 M | 41″,3 M |
| | III. | |
| | 20h 7m | 43°15′ |
| 81 9-16 | 11s,66 M | 1″,5 M |

**27700 P. — 38738 L.**

| A. M. J. | Æ. | D. |
| --- | --- | --- |
| | I. | |
| | 20h 5m | 100°4′ |
| 40 8-30 | 33s,46 G | |
| | III. | |
| | 20h 7m | 99°59′ |
| 79 8-25 | 11s,71 J | 35″,0 J |
| 9- 2 | 11,79 J | 36,0 J |

**27701 P. — 38762 L.**

| A. M. J. | Æ. | D. |
| --- | --- | --- |
| | II. | |
| | 20h 6m | 79°18′ |
| 57 10- 3 | 35s,54 G | 3″,5 G |
| 59 7- 4 | 35,44 G | |
| 61 8-30 | 35,60 G | 4,9 G |
| 62 9-17 | 35,77 G | 3,4 G |

**27702 P. — 7893 Sj.**

| A. M. J. | Æ. | D. |
| --- | --- | --- |
| | II. | |
| | 20h 6m | 79°37′ |
| 60 9- 1 | 38s,89 G | |

**27703 P. — 38789 L.**

| A. M. J. | Æ. | D. |
| --- | --- | --- |
| | III. | |
| | 20h 7m | 58°17′ |
| 80 8-31 | 21s,84 J | 30″,2 J |
| 9- 2 | 21,96 J | 30,6 J |

**27704 P. — 38801 L.**

| A. M. J. | Æ. | D. |
| --- | --- | --- |
| | II. | |
| | 20h 6m | 50°5′ |
| 67 8-23 | 50s,31 G | 13″,9 G |
| | III. | |
| | 20h 7m | 50°2′ |
| 68 7-30 | 22s,03 G | |

**27705 P. — 38692 et 711 L.**

| A. M. J. | Æ. | D. |
| --- | --- | --- |
| | II. | |
| | 20h 6m | 117°26′ |
| 55 9- 7 | 32s,51 G | |
| 58 8- 4 | | 48″,4 G |
| 8- 5 | | 49,0 G |
| 8-19 | 32,96 G | 52,5 G |
| 59 10-17 | | 52,0 G |

**27706 P. — 38740 L.**

| A. M. J. | Æ. | D. |
| --- | --- | --- |
| | II. | |
| | 20h 6m | 109°37′ |
| 54 9- 7 | 36s,88 G | 40″,2 G |
| 59 8- 7 | 36,77 G | 37,6 G |

**27707 P. — 38824 L.**

| A. M. J. | Æ. | D. |
| --- | --- | --- |
| | III. | |
| | 20h 7m | 43°27′ |
| 80 8-30 | 32s,31 G | 18″,0 G |
| 8-31 | 32,22 G | 16,8 G |

**27708 P. — 38769 L.**

| A. M. J. | Æ. | D. |
| --- | --- | --- |
| | II. | |
| | 20h 6m | 80°41′ |
| 57 8- 6 | 49s,34 G | 3″,7 G |
| 8-22[1] | 49,52 G | 3,7 G |

[1] D diminuée de 1′.

Dates 1800+ — Positions moyennes pour les époques du Catal.

**27709 P. — 38806 L.**

| A. | M. J. | ℛ. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | $20^{h}7^{m}$ | 52° 3′ |
| 67 | 8-27 | | 43″,5 G |
| | | III. | |
| | | $20^{h}7^{m}$ | 52° 1′ |
| 79 | 7-17 | $33^{s}$,35 G | |
| 81 | 7-27 | 33,04 M | 6″,6 M |
| | 8- 2 | | 5,2 M |

**27710 P. — 38760 L.**

| A. | M. J. | ℛ. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | $20^{h}6^{m}$ | 91° 20′ |
| 43 | 7-14 | $0^{s}$,82 G | |
| | | II. | |
| | | $20^{h}6^{m}$ | 91° 17′ |
| 55 | 9-27 | | 51″,8 G |
| 58 | 7-30 | $47^{s}$,04 G | 48,5 G |
| | | III. | |
| | | $20^{h}7^{m}$ | 91° 15′ |
| 76 | 8- 9 | $33^{s}$,57 G | 6″,8 G |
| | 8-11 | 33,41 G | |
| | 8-17 | 33,41 G | 5,8 G |
| | 9-19 | 33,59 G | 7,0 G |
| | 9-22 | 33,50 G | 6,9 G |

**27711 P. — 38749 L.**

| A. | M. J. | ℛ. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | $20^{h}6^{m}$ | 104° 45′ |
| 54 | 9- 5 | $45^{s}$,36 G | |
| | 9- 6 | 45,47 G | 16″,7 G |
| | | III. | |
| | | $20^{h}7^{m}$ | 104° 42′ |
| 79 | 8-20 | $35^{s}$,87 J | 38″,5 J |

**27712 P. — 38783 L.**

| A. | M. J. | ℛ. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | $20^{h}6^{m}$ | 69° 16′ |
| 58 | 8- 8 | $60^{s}$,09 G | |
| 59 | 9-24 | 59,93 G | 21″,4 G |
| | | III. | |
| | | $20^{h}7^{m}$ | 69° 13′ |
| 71 | 9-17 | $39^{s}$,46 G | |
| 74 | 9-14[1] | 39,61 G | 42″,1 G |

[1] 𝒟 diminuée de 5′.

**27713 P. — 38813 L.**

| A. | M. J. | ℛ. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | $20^{h}7^{m}$ | 51° 55′ |
| 79 | 9-22 | $40^{s}$,01 J | 52″,4 J |
| | 9-25 | 40,01 J | 52,2 J |
| | 9-26 | 39,99 J | 52,3 J |
| | 9-30 | 40,03 J | 51,5 J |

**27714 P. — 250 $W_2$.**

| A. | M. J. | ℛ. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | $20^{h}7^{m}$ | 66° 24′ |
| 62 | 8- 6 | $3^{s}$,55 G | 24″,6 G |

**27715 P. — 38761 L.**

| A. | M. J. | ℛ. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | $20^{h}6^{m}$ | 96° 28′ |
| 55 | 8-17 | | 5″,2 G |
| 56 | 10-29 | $56^{s}$,31 G | |
| 57 | 7-11 | 56,60 G | |
| | | III. | |
| | | $20^{h}7^{m}$ | 96° 25′ |
| 68 | 9- 4 | $44^{s}$,53 M | 26″,7 M |

**27716 P. — 134 $W_1$.**

| A. | M. J. | ℛ. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | $20^{h}6^{m}$ | 96° 28′ |
| 56 | 10-29 | $57^{s}$,39 G | |

**27717 P. — 38795-96 L.**

| A. | M. J. | ℛ. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | $20^{h}7^{m}$ | 63° 8′ |
| 59 | 9- 1 | $8^{s}$,96 G | |
| | 9-16 | 8,83 G | 3″,7 G |
| | | III. | |
| | | $20^{h}7^{m}$ | 63° 5′ |
| 79 | 9- 3 | $46^{s}$,33 G | 25″,7 G |

**27718 P. — 20340-41 A.O.**

| A. | M. J. | ℛ. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | $20^{h}6^{m}$ | 107° 10′ |
| 58 | 9- 9 | $55^{s}$,26 G | |
| 62 | 9- 9 | 55,41 G | |

**27719 P. — 38812 L.**

| A. | M. J. | ℛ. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | $20^{h}7^{m}$ | 58° 3′ |
| 81 | 9-16 | $50^{s}$,29 J | 38″,4 J |

**27720 P. — 151 $W_1$.**

| A. | M. J. | ℛ. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | $20^{h}6^{m}$ | 74° 11′ |
| 37 | 7- 7 | $28^{s}$,65 G | |

**27721 P. — 38775 L.**

| A. | M. J. | ℛ. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | $20^{h}7^{m}$ | 89° 41′ |
| 56 | 9- 6 | $6^{s}$,75 G | |
| 57 | 7-21 | | 14″,9 G |
| | | III. | |
| | | $20^{h}7^{m}$ | 89° 38′ |
| 74 | 8- 3 | $52^{s}$,78 M | 38″,8 M |

**27722 P. — 38777 L.**

| A. | M. J. | ℛ. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | $20^{h}7^{m}$ | 90° 16′ |
| 55 | 8-27 | $9^{s}$,17 G | 35″,8 G |
| | | III. | |
| | | $20^{h}7^{m}$ | 90° 13′ |
| 76 | 7-26 | $55^{s}$,48 G | 57″,4 G |
| | 8- 1 | 55,33 G | |
| | 8- 8 | 55,47 G | 58,4 G |
| | 8-25 | 55,45 G | 55,7 G |

**27723 P. — 38763 L.**

| A. | M. J. | ℛ. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | $20^{h}7^{m}$ | 101° 18′ |
| 54 | 9-18[1] | $7^{s}$,00 G | |
| 57 | 9- 9 | | 42″,3 G |
| 59 | 7-17 | | 42,6 G |
| | | III. | |
| | | $20^{h}7^{m}$ | 101° 16′ |
| 70 | 8-20 | $56^{s}$,49 M | 3″,7 M |

[1] ℛ diminuée de $1^{m}$.

**27724 P. — 38764 L.**

| A. | M. J. | ℛ. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | $20^{h}6^{m}$ | 102° 6′ |
| 48 | 7-17 | $18^{s}$,32 G | |
| | 7-26 | 18,38 G | |
| | | II. | |
| | | $20^{h}7^{m}$ | 102° 3′ |
| 54 | 9-19 | $7^{s}$,97 G | |
| | 9-25 | 7,93 G | |
| 58 | 7-11 | | 29″,3 G |
| | | III. | |
| | | $20^{h}7^{m}$ | 102° 0′ |
| 78 | 9-20 | $57^{s}$,78 M | 50″,4 M |
| | 9-21 | 57,78 M | 50,6 M |

**27725 P. — 38780 L.**

| A. | M. J. | ℛ. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | $20^{h}6^{m}$ | 86° 39′ |
| 40 | 8-16 | $27^{s}$,79 G | |
| | | III. | |
| | | $20^{h}7^{m}$ | 86° 34′ |
| 75 | 8-23 | $57^{s}$,99 G | 5″,0 G |
| 79 | 7-25 | 58,30 J | 5,1 J |
| | 7-30 | 58,32 J | 5,5 J |

**27726 P. — 38805 L.**

| A. | M. J. | ℛ. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | $20^{h}7^{m}$ | 66° 13′ |
| 58 | 8-30 | $20^{s}$,30 G | 29″,5 G |
| | 9- 6 | 20,36 G | |
| | | III. | |
| | | $20^{h}7^{m}$ | 66° 10′ |
| 79 | 9-11 | $59^{s}$,04 G | 52″,1 G |

**27727 P. — 38816 L.**

| A. | M. J. | ℛ. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | $20^{h}8^{m}$ | 59° 53′ |
| 69 | 9-23 | $0^{s}$,41 M | 46″,5 M |
| 71 | 9-18 | 0,23 G | |
| 74 | 9-12 | 0,52 M | 48,0 M |
| 75 | 9-17 | 0,32 M | 47,7 M |
| 76 | 8-17 | 0,33 M | 48,6 M |

**27728 P. — 38784-85 L.**

| A. | M. J. | ℛ. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | $20^{h}7^{m}$ | 83° 50′ |
| 58 | 8- 1 | $17^{s}$,70 G | 28″,8 G |
| | | III. | |
| | | $20^{h}8^{m}$ | 83° 47′ |
| 79 | 8-26 | $1^{s}$,72 J | 51″,5 J |

**27729 P. — 38786 et 88 L.**

| A. | M. J. | ℛ. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | $20^{h}8^{m}$ | 83° 47′ |
| 79 | 9- 3 | $2^{s}$,33 J | 9″,4 J |

**27730 P. — 38797 L.**

| A. | M. J. | ℛ. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | $20^{h}7^{m}$ | 72° 14′ |
| 58 | 7-21 | | 43″,6 G |
| | 8- 9 | | 43,4 G |
| | 8-16 | $23^{s}$,18 G | 43,8 G |
| | 10- 9 | 23,48 G | |
| 60 | 9-11 | 23,53 G | |
| | | III. | |
| | | $20^{h}8^{m}$ | 72° 12′ |
| 71 | 9- 3 | $3^{s}$,68 G | |

**27731 P. — 38765 L.**

| A. | M. J. | ℛ. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | $20^{h}7^{m}$ | 107° 16′ |
| 58 | 9- 9 | $14^{s}$,73 G | 20″,7 G |
| 61 | 8- 5 | 14,66 G | |
| | 8-28 | 14,60 G | |
| | 8-29 | 14,68 G | 21,9 G |
| 62 | 9- 9 | | 20,8 G |
| | 9-13 | 14,75 G | 21,1 G |

**27732 P. — 38841 L.**

| A. | M. J. | ℛ. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | $20^{h}7^{m}$ | 50° 9′ |
| 67 | 8-31 | | 1″,4 G |
| | | III. | |
| | | $20^{h}8^{m}$ | 50° 6′ |
| 79 | 9-24 | $7^{s}$,34 G | 22″,8 G |
| 80 | 9- 3 | 7,45 M | 22,2 M |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜, 𝒫)

### 27733 P. — 270-71 $W_2$.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | II. | |
| | | $20^h 7^m$ | 66° 12′ |
| 58 | 8-30 | $30^s,18$ G | |

### 27734 P. — 38771 et 814 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | I. | |
| | | $20^h 6^m$ | 103° 51′ |
| 40 | 8-28 | $28^s,40$ G | |
| 49 | 9- 8 | 28,50 G | |
| | | II. | |
| | | $20^h 7^m$ | 103° 48′ |
| 57 | 8-12 | $18^s,78$ G | 18″,2 G |
| 60 | 9- 6 | 18,66 G | |
| | 10- 6 | 18,73 G | 19,3 G |
| | | III. | |
| | | $20^h 8^m$ | 103° 45′ |
| 78 | 8-23 | $8^s,90$ G | 40″,4 G |
| | 9-12 | 8,91 M | 40,8 M |

### 27735 P. — 38845 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | III. | |
| | | $20^h 8^m$ | 47° 15′ |
| 80 | 8-10 | $9^s,23$ G | 31″,1 G |
| | 8-13 | 9,42 G | 31,4 G |
| | 8-26 | 9,24 J | 32,4 J |

### 27736 P. — 38794 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | II. | |
| | | $20^h 7^m$ | 82° 22′ |
| 56 | 10-28 | $27^s,10$ G | |
| 60 | 8- 6 | 27,11 G | 0″,0 G |
| 62 | 8- 3 | 26,95 G | 0,4 G |

### 27737 P. — 38811 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | II. | |
| | | $20^h 7^m$ | 69° 17′ |
| 58 | 8- 8 | $32^s,04$ G | |
| | | III. | |
| | | $20^h 8^m$ | 69° 14′ |
| 79 | 8-16 | $11^s,63$ G | 52″,4 G |
| | 9-20 | 11,49 J | 53,5 J |

### 27738 P. — 159 $W_1$.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | I. | |
| | | $20^h 6^m$ | 80° 57′ |
| 39 | 8-23 | | 35″,2 F |

### 27739 P. — 38852 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | I. | |
| | | $20^h 7^m$ | 42° 43′ |
| 41 | 8-27 | | 33″,7 F |

### 27739 P. (suite).

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | III. | |
| | | $20^h 8^m$ | 42° 38′ |
| 80 | 9- 2 | $13^s,25$ G | 13″,1 G |
| | 9- 5 [1] | 13,35 G | 16,0 G |
| 81 | 9-29 | 13,43 G | 14,1 G |

[1] 𝒜 diminuée de $0^s,60$ : erreur de $1^s$ sur les trois premiers fils.

### 27740 P. — 38817 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | III. | |
| | | $20^h 8^m$ | 65° 51′ |
| 80 | 9- 9 | $13^s,53$ J | 1″,9 J |
| | 9-27 | 13,43 J | 1,8 J |
| 81 | 8-18 | 13,64 J | 2,3 J |

### 27741 P. — 38821 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | II. | |
| | | $20^h 7^m$ | 66° 10′ |
| 58 | 8-30 | $39^s,88$ G | |
| | 9- 6 | 39,86 G | 58″,3 G |
| | 10- 2 | | 58,8 G |
| | | III. | |
| | | $20^h 8^m$ | 66° 8′ |
| 71 | 9-20 | $18^s,66$ G | 19″,3 G |

### 27742 P. — 38867 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | III. | |
| | | $20^h 8^m$ | 38° 41′ |
| 80 | 8-26 | $18^s,71$ G | 29″,8 G |
| | 9- 6 | 18,62 G | 27,6 G |

### 27743 P. — 20345 A.O.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | III. | |
| | | $20^h 8^m$ | 105° 9′ |
| 77 | 7-30 | $21^s,27$ G | |
| | 8-13 | 21,28 M | 36″,5 M |
| | 8-17 | 21,35 M | 36,2 M |
| | 8-23 | 21,35 M | 34,9 M |
| | 8-27 | 21,28 M | 33,5 M |
| | 8-28 | 21,24 M | 35,4 M |

### 27744 P. — 157 $W_1$.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | II. | |
| | | $20^h 7^m$ | 94° 59′ |
| 55 | 8-22 | $34^s,74$ G | |
| 58 | 9-26 | 34,82 G | 56″,8 G |

### 27745 P. — 38819 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | II. | |
| | | $20^h 7^m$ | 72° 12′ |
| 58 | 8-11 | $44^s,50$ G | 14″,8 G |
| | 8-16 | 44,37 G | |
| | 10- 9 [1] | 45,19 G | |
| 59 | 8-29 | 44,42 G | |
| 60 | 9-11 | 44,91 G | 16,5 G |

### 27745 P. (suite).

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | III. | |
| | | $20^h 8^m$ | 72° 9′ |
| 71 | 9-12 | $25^s,35$ G | |

[1] 𝒜 diminuée de $0^s,20$ (erreur de moy.) et non comprise dans la moy.

### 27746 P. — 38820 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | III. | |
| | | $20^h 8^m$ | 72° 34′ |
| 71 | 8-28 | $26^s,52$ G | 42″,2 G |
| | 9- 2 | 26,48 G | 40,5 G |

### 27747 P. — 38834-35 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | II. | |
| | | $20^h 7^m$ | 62° 53′ |
| 58 | 9-16 | $50^s,50$ G | |
| | | III. | |
| | | $20^h 8^m$ | 62° 50′ |
| 71 | 8-26 | $27^s,96$ M | 30″,7 M |
| | 8-26 | 27,86 G | |
| 74 | 9-15 | 27,98 G | |
| | 9-19 | 27,94 G | 31,2 G |

### 27748 P. — 38818 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | I. | |
| | | $20^h 7^m$ | 75° 16′ |
| 37 | 6-19 | $6^s,26$ G | 16″,5 F |
| | 6-22 | 6,25 G | 14,8 F |
| | 6-23 | 6,21 G | |
| | 7-29 | 6,26 G | |
| | 9- 6 | 6,26 G | |
| | 9-20 | 6,28 G | 15,7 F |
| | 10-22 | 6,24 G | |
| 38 | 8-13 | 6,30 G | |
| | 8-15 | 6,17 G | |
| | 8-16 | 6,15 G | |
| | 8-31 | 6,30 G | |
| | 9- 1 | 6,27 G | |
| | 10- 4 | 6,24 G | |
| 39 | 7-30 | 6,23 G | 16,5 F |
| | 8-21 | 6,36 G | |
| 46 | 7-17 | 6,17 G | |
| | 9- 2 | 6,29 G | |
| | 9-18 | | 15,2 G |
| 48 | 5-23 | 6,31 G | |
| | 11-16 | 6,24 G | |
| 49 | 9- 7 | 6,32 G | |
| 52 | 10- 9 | 6,19 G | |
| | 10-10 | 6,29 G | |
| | 10-14 | 6,33 G | |
| | 10-15 | 6,37 G | |
| | 10-16 | 6,35 G | |
| | 10-17 | 6,27 G | |
| | 10-18 | 6,29 G | |
| | 10-19 | 6,34 G | |
| | 10-20 | 6,29 G | |
| | 10-21 | 6,29 G | |
| | 10-22 | 6,42 G | |
| | 11- 3 | 6,35 G | |
| | 11- 4 | 6,15 G | |
| | 11- 5 | 6,28 G | |
| | 11- 6 | 6,39 G | |
| | 11- 9 | 6,24 G | |
| | 11- 8 | 6,21 G | |
| | 11-10 | 6,30 G | |

### 27748 P. (suite).

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | III. | |
| | | $20^h 7^m$ | 75° 16′ |
| 53 | 4-26 | 6,43 G | |
| | 4-29 | 6,40 G | |
| | 9-17 | 6,32 G | |
| | 10-15 | 6,40 G | |
| | 10-23 | 6,30 G | |
| | | II. | |
| | | $20^h 7^m$ | 75° 13′ |
| 57 | 10-13 | $47^s,85$ G | 35″,5 G |
| 58 | 8-24 | 47,65 G | 35,4 G |
| | 8-31 | 47,99 G | |
| | 9-12 | | 35,5 G |
| 67 | 8-14 [1] | 47,94 M | 35,2 M |
| | | III. | |
| | | $20^h 8^m$ | 75° 10′ |
| 71 | 9- 9 | $29^s,48$ G | |
| | 9-15 [2] | 29,64 M | |
| | 9-15 | 29,58 G | |

[1] 𝒜 augmentée de $20^s$ : correction indiquée comme probable par l'observateur.
[2] 𝒜 diminuée de $1^m$.

### 27749 P. — 11019 Cambridge.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | II. | |
| | | $20^h 7^m$ | 63° 40′ |
| 61 | 9- 1 | $55^s,31$ G | 15″,4 G |

### 27750 P. — 4231 A + 14°.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | II. | |
| | | $20^h 7^m$ | 75° 16′ |
| 58 | 8-24 [1] | $55^s,26$ G | |

[1] 𝒜 augmentée de $0^s,20$ : erreur de $1^s$ sur un fil.

### 27751 P. — 38799 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | III. | |
| | | $20^h 8^m$ | 93° 52′ |
| 80 | 8- 3 | $36^s,89$ M | 57″,2 M |

### 27752 P. — 38807 à 09 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | II. | |
| | | $20^h 7^m$ | 87° 0′ |
| 57 | 8-20 | $51^s,81$ G | 58″,9 G |
| 58 | 9-15 | 51,74 G | |
| | 9-28 | 51,82 G | |
| | | III. | |
| | | $20^h 8^m$ | 86° 58′ |
| 79 | 8-11 | $36^s,93$ J | 19″,3 J |

### 27753 P. — 38800 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | | III. | |
| | | $20^h 8^m$ | 93° 52′ |
| 78 | 9- 3 | $37^s,79$ J | 47″,4 J |
| | 9- 5 | 37,76 J | 49,3 J |
| | 9-20 | 37,68 G | |
| 80 | 7-22 | 37,58 M | 48,5 M |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜., 𝒫.)

**27754 P. — 38847 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h8m | 55°27' |
| 80 8-27 | 37s,88 J | 46",3 J |
| 81 8- 5 | 37,95 J | 46,5 J |

**27755 P. — 38804 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h8m | 95°54' |
| 76 8- 5 | 45s,06 M | 56",1 M |
| 80 8- 9 | 44,86 M | 57,6 M |
| 8-30 | 44,87 M | 57,3 M |

**27756 P. — 38864-65 L**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h8m | 47°32' |
| 74 9-14 | 45s,12 M | 29",4 M |
| 76 8- 1 | 45,37 M | 29,2 M |

**27757 P. — 38802-03 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h7m | 97°59' |
| 40 8-20[1] | | 59",7 F |
| 49 9-18 | 8s,25 G | |

[1] 𝒫 dim. de 30" (1t de vis des microsc.)

**27758 P. — 173 W1.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h7m | 88°10' |
| 40 8-29 | | 2",4 F |
| 8-30 | | 0,8 F |

**27759 P. — 38859 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h8m | 51°36' |
| 81 8- 6 | 50s,30 J | 40",5 J |
| 8- 8 | 50,30 J | 40,0 J |

**27760 P. — 38857 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h8m | 54°2' |
| 80 9- 6 | 51s,30 M | 54",2 M |
| 81 9-13 | 51,33 M | 53,6 M |
| 9-17 | 51,25 M | 54,8 M |

**27761 P. — 38830 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h8m | 79°57' |
| 57 10- 2 | 9s,70 G | 4",3 G |
| 59 8-23 | 9,77 G | 4,0 G |

**27762 P. — 38833 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h8m | 79°5' |
| 67 8-31 | 12s,04 M | 22",1 M |
| III. | 20h8m | 79°2' |
| 71 7-28 | 54s,87 M | 42",1 M |
| 7-28 | 54,67 G | |
| 8-22 | 54,65 G | |
| 9-11 | 54,93 G | |

**27763 P. — 38823 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h7m | 87°24' |
| 40 8- 9 | | 9",1 F |
| II. | 20h8m | 87°21' |
| 56 7- 5 | | 28",9 G |
| 60 9-19 | 10s,89 G | 31,0 G |
| 9-19 | | 30,1 F |
| 62 8-13 | | 27,5 G |
| III. | 20h8m | 87°18' |
| 71 9-20 | 56s,41 M | 47",8 M |

**27764 P. — 38798 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h8m | 106°43' |
| 54 9-27 | 5s,73 G | |
| 56 8- 5 | | 5",9 G |
| III. | 20h8m | 106°40' |
| 80 8-31 | 57s,10 M | 27",6 M |

**27765 P. — 38840 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h8m | 77°10' |
| 58 7-17 | 15s,56 G | 46",7 G |
| III. | 20h8m | 77°8' |
| 71 8-27 | 57s,54 G | 7",1 G |

**27766 P. — 38905, 07, 10 et 11 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h9m | 38°54' |
| 80 10- 1 | 3s,00 G | 42",3 G |
| 81 7-27 | 3,00 G | 41,8 G |
| 8- 5 | 2,97 G | 42,4 G |
| 8-24 | 2,97 G | |
| 10- 5 | 3,06 G | 43,6 G |

**27767 P. — 38856 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h7m | 61°46' |
| 46 7-11 | 52s,49 G | |
| 50 5-29 | 52,57 G | |

**27767 P. (suite).**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h8m | 61°43' |
| 58 8- 7 | 29s,39 G | |
| 9-14 | 29,36 G | 38",1 G |
| 9-19 | | 37,5 G |
| III. | 20h9m | 61°41' |
| 80 6-26[1] | 6s,59 G | |

[1] Indiquée à tort comme 38854 L. (distance des fils).

**27768 P. — 38846 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h9m | 77°17' |
| 79 9- 1 | 9s,34 J | 34",1 J |

**27769 P. — 38853-54 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h8m | 65°34' |
| 58 9-10 | 32s,35 G | 41",2 G |
| 59 7-28 | 32,19 G | 40,5 G |
| III. | 20h9m | 65°32' |
| 74 9- 1 | 10s,65 M | 1",2 M |

**27770 P. — 38892-93 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h9m | 46°33' |
| 80 8-27 | 13s,18 G | 57",5 G |
| 9-24 | 13,24 G | 58,0 G |

**27771 P. — 38838 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h8m | 90°10' |
| 58 8-20 | 27s,22 G | 2",7 G |
| 62 7-19 | 27,34 G | 3,1 G |

**27772 P. — 38842 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h8m | 87°34' |
| 57 8-18 | 29s,07 G | |
| 58 8-28 | | 41",7 F |
| 59 7- 2 | | 40,7 G |
| 62 8-12 | 28,89 G | 39,9 G |
| 8-13 | 28,93 G | |
| 9-11 | 28,93 G | 41,0 G |

**27773 P. — 38866 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h8m | 60°14' |
| 59 7-25 | | 45",1 G |
| III. | 20h9m | 60°12' |
| 71 8-29 | 15s,39 M | 4",8 M |
| 75 8- 9 | 15,26 G | 3,2 G |
| 8-11 | 15,27 G | |

**27774 P. — 5633 Sf — 18°.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h9m | 108°2' |
| 68 8-13[1] | 16s,63 M | 60",5 M |
| 81 9-19 | 17,02 M | 58,9 M |

[1] 𝒫 dim. de 9",3 : erreur de transcrip.

**27775 P. — 38869 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h9m | 58°22' |
| 81 7-26 | 18s,92 J | 50",0 J |
| 8- 7 | 18,89 J | 50,1 J |

**27776 P. — 38918 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h8m | 43°39' |
| 46 8-14 | 25s,30 G | |
| 49 7-26 | 25,47 G | |
| 8-11 | | 1",8 G |
| II. | 20h8m | 43°31' |
| 63 8-25 | 53s,90 G | |
| 66 8- 6[1] | 53,91 G | |

[1] 𝒜 augmentée de 1s : erreur de réduct.

**27777 P. — 38848-49 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h9m | 80°13' |
| 71 8- 1 | 23s,74 M | 41",8 M |
| 74 9-18 | 23,92 M | 41,8 M |
| 76 7-26 | 23,90 M | 41,5 M |
| 8-16 | 23,95 M | 41,5 M |

**27778 P. — 38888 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h9m | 53°46' |
| 81 8-14 | 24s,04 J | 23",7 J |
| 8-27 | 24,03 J | 23,1 J |

**27779 P. — 38836-37 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h8m | 98°9' |
| 58 8-12 | 36s,24 G | 24",9 G |
| 61 10-10 | 36,44 G | 25,4 G |

**27780 P. — 38827, 28, 29 et 31 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h7m | 102°48' |
| 40 9-16 | 47s,68 G | |
| 46 7-22 | 47,75 G | 25",2 G |
| 8-21 | | 25,3 G |
| 10-21 | 47,67 G | |
| 10-22 | 47,62 G | |
| 47 8-27 | 47,66 G | |
| 8-28 | 47,69 G | |
| 10- 3 | | 24,9 G |
| 49 8-31 | 47,73 G | |
| 9- 6 | 47,89 G | |

Dates 1800+ · Positions moyennes pour les époques du Catal.

**27780 P. (suite).**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| II. | | 20$^h$8$^m$ | 102°45′ |
| 58 | 9-11[1] | | 45″,2G |
| 61 | 8-22 | 37$^s$,52G | 44,4G |
| III. | | 20$^h$9$^m$ | 102°43′ |
| 80 | 9-26 | 27$^s$,47M | 5″,0M |

[1] D augmentée de 20″ : erreur de réduct.

**27781 P. — 328 $W_2$.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| II. | | 20$^h$8$^m$ | 55°3′ |
| 67 | 8-5[1] | 53$^s$,78 | 31″,4G |

[1] Indiquée à tort, à l'obs. du passage, comme 38857 L. (distance des fils).

**27782 P. — 38913 à 16 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| II. | | 20$^h$8$^m$ | 47°2′ |
| 66 | 8-7 | 60$^s$,15G | |
| | 8-10 | 60,10G | |
| | 8-11 | 59,83G | |
| | 8-18 | 60,03G | |
| | 8-22 | 59,94G | |
| III. | | 20$^h$9$^m$ | 46°59′ |
| 80 | 8-4 | 30$^s$,58G | 56″,8G |

**27783 P. — 38890 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| III. | | 20$^h$9$^m$ | 55°23′ |
| 80 | 9-1 | 30$^s$,73J | 19″,0J |
| 81 | 8-24 | 30,85J | 18,2J |

**27784 P. — 320-21 $W_2$.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| II. | | 20$^h$8$^m$ | 63°9′ |
| 59 | 9-16 | 53$^s$,70G | 50″,4G |

**27785 P. — 38850-51 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| II. | | 20$^h$8$^m$ | 82°37′ |
| 55 | 11-2 | 47$^s$,48G | |
| 57 | 7-12 | 47,46G | |
| | 10-12 | 47,24G | 0″,8G |
| III. | | 20$^h$9$^m$ | 82°34′ |
| 74 | 8-6 | 31$^s$,22M | 17″,8M |
| | 8-20 | 31,50G | 19,8G |

**27786 P. — 322 $W_2$.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| II. | | 20$^h$8$^m$ | 63°37′ |
| 61 | 9-1 | | 52″,0G |

**27787 P. — 38891 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| III. | | 20$^h$9$^m$ | 55°29′ |
| 81 | 8-21 | 34$^s$,71J | 39″,7J |
| | 8-22 | 34,63J | 40,0J |

**27788 P. — 38935 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| I. | | 20$^h$8$^m$ | 43°43′ |
| 37 | 11-27[1] | | 37″,0F |
| 46 | 8-14 | 45$^s$,20G | |
| 49 | 7-26 | 45,12G | |
| | 8-19 | 45,14G | |
| II. | | 20$^h$9$^m$ | 43°40′ |
| 62 | 7-25 | 13$^s$,31G | |
| | 8-1 | 13,32G | |
| 63 | 8-4 | 13,33G | |
| | 8-6 | 13,46G | |
| | 8-8 | 13,37G | |
| | 8-9 | 13,23G | |
| | 8-10 | 13,26G | |
| | 8-14 | 13,36G | |
| | 9-11 | 13,42G | |
| | 9-12 | 13,20G | |
| | 9-15 | 13,30G | |
| 64 | 7-19 | | 54″,4G |
| | 7-26 | | 54,0G |
| | 7-29 | 13,33G | |
| | 7-30 | 13,36G | |
| | 8-1 | | 53,7G |
| | 8-7 | 13,26G | |
| | 8-8 | 13,39G | |
| | 8-10 | 13,29G | |
| | 8-11 | 13,38G | |
| | 8-16 | 13,48G | |
| | 8-17 | 13,34G | |
| | 8-24 | 13,51G | |
| | 8-26 | | 54,8G |
| | 9-4 | 13,39G | |
| | 9-5 | 13,28G | |
| | 9-6 | 13,31G | |
| | 9-9 | 13,29G | |
| | 9-12 | 13,38G | |
| 65 | 8-30 | | 54,4G |
| | 9-2 | 13,38G | |
| | 9-5 | 13,16G | |
| | 9-6 | 13,28G | |
| | 9-8 | 13,26G | |
| | 9-12 | 13,24G | |
| | 9-13 | 13,30G | |
| III. | | 20$^h$9$^m$ | 43°38′ |
| 72 | 8-16 | 41$^s$,81G | |
| | 8-17 | 41,54G | |
| | 8-18 | 41,67G | |
| | 8-20 | 41,58G | |
| | 8-31 | 41,72G | |
| | 9-1 | 41,68G | |
| | 9-9 | 41,73G | |
| | 9-10 | 41,65G | |
| 81 | 8-1 | 41,67G | |
| | 8-8 | 41,77G | 13″,1G |
| | 9-30 | 41,53G | 12,3G |

[1] D diminuée de 5′ : erreur d'observation et diminuée de 2″ : erreur de réduction.

**27789 P. — 38937 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| III. | | 20$^h$9$^m$ | 43°39′ |
| 80 | 9-3 | | 58″,8G |

**27790 P. — 23678 $Mn_1$.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| II. | | 20$^h$9$^m$ | 82°40′ |
| 57 | 10-12 | 3$^s$,29G | |

**27791 P. — 38839 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| II. | | 20$^h$8$^m$ | 111°44′ |
| 59 | 10-17 | | 43″,0G |

**27792 P. — 201 $W_1$.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| II. | | 20$^h$9$^m$ | 74°59′ |
| 60 | 9-15 | 6$^s$,14G | |

**27793 P. — 4496 A + 20°.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| II. | | 20$^h$9$^m$ | 69°11′ |
| 58 | 8-8 | 8$^s$,10G | |

**27794 P. — 191 $W_1$.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| II. | | 20$^h$8$^m$ | 103°50′ |
| 54 | 9-26[1] | 57$^s$,60G | 8″,8G |

[1] D augmentée de 2′ : erreur de transcr.

**27795 P. — 38843-44 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| II. | | 20$^h$8$^m$ | 108°51′ |
| 58 | 9-27 | | 36″,7F |
| | 10-6 | | 34,9G |
| 61 | 10-12 | 57$^s$,10G | 34,5G |

**27796 P. — 38921 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| I. | | 20$^h$8$^m$ | 53°39′ |
| 46 | 8-17 | 43$^s$,87G | 56″,3G |
| | 8-25 | | 55,0G |
| | 8-26 | 43,86G | |
| II. | | 20$^h$9$^m$ | 53°37′ |
| 66 | 9-10 | 17$^s$,19G | |
| | 9-15 | 17,45G | |
| | 9-17 | 17,70G | |

**27796 P. (suite).**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| III. | | 20$^h$9$^m$ | 53°34′ |
| 74 | 8-26 | 51$^s$,12M | 32″,9M |
| 79 | 7-30 | 51,35M | 30,8M |
| | 7-31 | | 30,6G |
| | 8-20 | 51,25G | 30,6G |

**27797 P. — 38924 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| III. | | 20$^h$9$^m$ | 53°1′ |
| 81 | 8-10 | 52$^s$,37J | 31″,8J |
| | 10-1 | 52,53J | 31,6J |

**27798 P. — 38862 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| II. | | 20$^h$9$^m$ | 85°50′ |
| 56 | 7-15 | | 35″,7G |
| 57 | 8-20 | 8$^s$,04G | |
| 59 | 7-21 | 8,21G | 36,6G |

**27799 P. — 4271 A + 12°.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| II. | | 20$^h$9$^m$ | 77°24′ |
| 57 | 10-3 | 12$^s$,40G | |

**27800 P. — 38950 et 52 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| III. | | 20$^h$9$^m$ | 38°52′ |
| 74 | 9-24 | 56$^s$,24M | 60″,6M |
| 75 | 9-7 | 56,11M | 59,6M |

**27801 P. — 38858 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| II. | | 20$^h$9$^m$ | 91°55′ |
| 56 | 8-2 | 11$^s$,07G | 33″,1G |
| 58 | 7-30 | 11,10G | 31,5G |
| III. | | 20$^h$9$^m$ | 91°52′ |
| 76 | 8-11 | 57$^s$,55G | 51″,5G |
| | 8-12 | 57,68G | 51,6G |
| | 8-17 | 57,66G | 52,3G |

**27802 P. — 38896 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| II. | | 20$^h$9$^m$ | 64°49′ |
| 58 | 8-28 | 20$^s$,17G | 59″,7G |
| | 11-4 | 19,79G | |
| III. | | 20$^h$9$^m$ | 64°47′ |
| 79 | 9-7 | 58$^s$,04G | 20″,1G |

Dates 1800 + — Positions moyennes pour les époques du Catal.

**27803 P. — 38875 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 20h 8m | 75° 9' |
| 39 | 7-30 | 35s,70 G | 11'',2 F |
| | 8-21 | 35,72 G | |
| 46 | 7-17 | 35,51 G | |
| | II. | 20h 9m | 75° 6' |
| 58 | 7-16[1] | 17s,35 G | 36'',0 F |
| 60 | 9-15 | 17,44 G | 32,8 G |

[1] 𝒫 diminuée de 10': erreur de transcr.

**27804 P. — 38928 L**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 20h 9m | 53° 40' |
| 67 | 8-27 | 25s,56 G | 20'',3 G |

**27805 P. — 38922 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 20h 9m | 57° 33' |
| 63 | 8-12 | 24s,00 M | 25'',7 M |

**27806 P. — 38933 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 20h 9m | 50° 5' |
| 67 | 8-23 | 28s,12 G | 42'',6 G |

**27807 P. — 38872-73 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 20h 10m | 79° 50' |
| 75 | 8-17 | 1s,72 G | 59'',2 G |

**27808 P. — 38938 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 20h 10m | 48° 16' |
| 80 | 8-14 | | 30'',4 G |
| 81 | 8-22 | 3s,04 G | 31,6 G |
| | 9-15 | 3,00 G | |

**27809 P. — 38884 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 20h 9m | 78° 28' |
| 58 | 7-12 | | 10'',4 G |
| 59 | 7-25 | 24s,31 G | |
| 62 | 9-15 | 24,62 G | 11,5 G |

**27810 P. — 202 W1.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 20h 9m | 92° 0' |
| 58 | 7-30 | 20s,96 G | |

**27811 P. — 38964-65 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 20h 10m | 39° 8' |
| 81 | 8- 6 | 16s,21 G | 26'',9 G |

**27812 P. — 38929 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 20h 10m | 60° 21' |
| 80 | 9-24 | 16s,55 J | 37'',5 J |

**27813 P. — 38870 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 20h 9m | 93° 54' |
| 57 | 10-16 | 29s,97 G | 57'',5 G |
| | III. | 20h 10m | 93° 52' |
| 76 | 7-26 | 17s,18 G | 16'',2 G |
| | 8- 8 | 17,07 G | 15,5 G |
| | 8- 9 | 17,02 G | 16,2 G |

**27814 P. — 38894-95 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 20h 9m | 79° 37' |
| 58 | 8- 9 | | 58'',2 G |
| | 10- 3 | 37s,38 G | 57,7 G |
| 60 | 9-16 | | 59,3 G |
| | III. | 20h 10m | 79° 35' |
| 71 | 9- 5 | 20s,35 G | |
| | 9-14 | 20,32 G | |

**27815 P. — 365 W2.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 20h 9m | 45° 33' |
| 63 | 8- 6 | 52s,17 M | 39'',1 M |

**27816 P. — 354 W2.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 20h 9m | 63° 40' |
| 61 | 9- 1 | 49s,46 G | 41'',3 G |

**27817 P. — 38944 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 20h 10m | 52° 41' |
| 80 | 9- 2 | 27s,42 M | 9'',1 M |

**27818 P. — 38889 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 20h 9m | 91° 38' |
| 58 | 8-15 | | 22'',5 G |
| | 9- 9 | | 21,5 F |
| | 10- 5 | | 22,1 G |

**27818 P. (suite).**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 20h 10m | 91° 35' |
| 79 | 9- 2 | 30s,59 J | 41'',1 J |
| 81 | 8-22 | 30,43 M | 40,8 M |

**27819 P. — 38943 et 45 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 20h 9m | 56° 41' |
| 66 | 9-28 | 57s,64 G | |
| 67 | 7-30 | 57,77 G | 34'',8 G |
| | 8-19 | 57,51 G | 35,1 G |
| | 8-24 | 57,58 G | 35,0 G |
| | III. | 20h 10m | 56° 38' |
| 68 | 7-30 | 32s,36 G | |
| 74 | 9-15 | 32,53 M | 53'',5 M |
| 75 | 9- 1 | 32,40 M | 55,1 M |
| 76 | 8-25 | 32,48 M | 54,9 M |

**27820 P. — 38939-40 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 20h 9m | 62° 36' |
| 58 | 10- 2 | | 46'',7 G |
| 59 | 8-12 | 58s,02 G | |
| | III. | 20h 10m | 62° 34' |
| 71 | 9-17 | 35s,03 G | 4'',5 G |
| 74 | 9-14 | 35,31 G | 4,3 G |

**27821 P. — 38925 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 20h 9m | 78° 29' |
| 56 | 9- 8 | 55s,20 G | |
| 59 | 7-25 | 55,49 G | |
| | III. | 20h 10m | 78° 26' |
| 71 | 9-12 | 38s,14 G | |

**27822 P. — 38863 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 20h 9m | 114° 48' |
| 58 | 8- 4 | | 1'',8 G |
| | 8- 5 | | 1,5 G |
| 61 | 8-30 | 44s,52 G | 0,9 G |
| | III. | 20h 10m | 114° 45' |
| 79 | 8-11 | 38s,40 M | 20'',6 M |
| | 8-12 | 38,55 M | 20,5 M |

**27823 P. — 4 Capricorne.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 20h 8m | 112° 17' |
| 46 | 7-20 | 54s,61 G | |

**27824 P. - 38874, 77 à 83 et 85 à 87 L.**

5 α¹ Capricorne.

Étoile fondamentale.

**27825 P. — 38961 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 20h 10m | 49° 7' |
| 67 | 8- 2 | 14s,28 M | 38'',6 M |

**27826 P. — 38966 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 20h 10m | 47° 29' |
| 80 | 9-13 | 45s,63 G | 19'',1 G |
| 81 | 8-21 | 45,82 G | 17,4 G |

**27827 P. — 221 W1.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 20h 10m | 90° 4' |
| 58 | 8-20 | 2s,51 G | 21'',3 G |

**27828 P. — 38876 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 20h 9m | 108° 41' |
| 54 | 8-27 | 58s,10 G | |
| | 9- 1 | | 37'',1 G |

**27829 P. — 38976 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 20h 10m | 42° 40' |
| 80 | 9- 9 | | 17'',9 G |

**27830 P. — 363 W2.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 20h 9m | 68° 10' |
| 41 | 9-13 | 34s,56 G | |

**27831 P. — 38919 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 20h 10m | 92° 29' |
| 59 | 10- 6 | 8s,21 G | |
| 61 | 10- 6 | 8,28 G | |
| 62 | 9-13 | 8,09 G | 33'',2 G |
| | 9-18 | | 33,0 G |

**27832 P. — 38926 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 20h 10m | 89° 6' |
| 58 | 9- 5 | 9s,59 G | 50'',5 G |
| | III. | 20h 10m | 89° 4' |
| 79 | 9-30 | 55s,48 J | 8'',6 J |

| Dates 1800 + A. M. J. | | Positions moyennes pour les époques du Catal. AR | D |
|---|---|---|---|

**27833 P. — 38900 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| III. | | 20h10m | 96°47' |
| 68 | 8-28 | 56s,71 M | 20",5 M |
| | 9-1 | 56,70 M | 21,8 M |
| 74 | 8-31 | 56,60 G | 21,9 G |

**27834 P. — 38946 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| III. | | 20h10m | 65°46' |
| 71 | 9-18 | 57s,58 G | 18",4 G |
| 74 | 9-19 | 57,73 G | 18,6 G |

**27835 P. — 38934 et 36 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| II. | | 20h10m | 81°27' |
| 59 | 8-23 | 14s,28 G | 58",9 G |
| III. | | 20h10m | 81°25' |
| 72 | 9-9 | 57s,67 M | 14",2 M |

**27836 P. — 234 W1.**

| A. | M. J. | AR | D |
|---|---|---|---|
| II. | | 20h10m | 81°28' |
| 59 | 8-23 | 19s,90 G | |

**27837 P. — 38958 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| III. | | 20h11m | 63°53' |
| 80 | 9-9 | 6s,91 J | 37",2 J |

**27838 P. — 38897 à 99, 38901 à 04, 06, 08, 09 et 12 L.**

6 $\alpha^2$ Capricorne.

Étoile fondamentale.

**27839 P. — 2615 Br.**

| A. | M. J. | AR | D |
|---|---|---|---|
| I. | | 20h10m | 29°49' |
| 40 | 11-20 | 36s,11 G | 55",6 F |
| 47 | 3-14 I | 36,39 G | |

**27840 P. — 38982 et 86 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| III. | | 20h11m | 46°22' |
| 80 | 8-13 | 13s,39 G | 53",7 G |
| | 8-30 | 13,49 G | 53,3 G |
| | 9-20 | 13,32 G | 55,2 G |
| 81 | 9-17 | 13,38 G | |

**27841 P. — 38993 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| III. | | 20h11m | 44°38' |
| 80 | 8-31 | | 28",6 G |

**27842 P. — 38962-63 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| III. | | 20h11m | 62°36' |
| 71 | 9-20 | 15s,63 G | 28",5 G |
| 74 | 9-12 | 15,77 M | 28,5 M |
| 75 | 9-2 | 15,75 M | 27,8 M |
| | 9-17 | 15,70 M | 29,2 M |
| 76 | 8-1 | 15,81 M | 28,1 M |
| | 8-17 | 15,74 M | 29,2 M |

**27843 P. — 38990-91 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| III. | | 20h11m | 46°14' |
| 80 | 8-20 | 17s,44 G | 34",5 G |
| 81 | 9-17 | | 32,5 G |

**27844 P. — 38984 et 87 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| II. | | 20h10m | 48°3' |
| 67 | 9-6 | 47s,56 M | 56",2 M |
| III. | | 20h11m | 48°1' |
| 79 | 9-11 | 18s,57 G | 16",2 G |

**27845 P. — 38956 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| III. | | 20h11m | 72°1' |
| 71 | 8-28 | 19s,09 G | 53",1 G |
| | 9-11 | 19,25 G | |

**27846 P. — 38967 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| I. | | 20h10m | 65°48' |
| 40 | 9-16 | 9s,15 G | |
| II. | | | 65°45' |
| 58 | 9-6 | | 27",5 G |
| III. | | 20h11m | 65°42' |
| 79 | 8-16 | 26s,27 G | 45",3 G |
| 80 | 9-5 | 26,17 M | |
| 81 | 9-17 | 26,22 M | 46,2 M |

**27847 P. — 38977 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| II. | | 20h10m | 56°35' |
| 67 | 9-6 | 51s,82 G | 10",5 G |

**27848 P. — 38955 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| II. | | 20h10m | 78°12' |
| 58 | 7-21 | | 44",3 G |
| III. | | 20h11m | 78°9' |
| 71 | 9-3 | 28s,01 G | 59",9 G |
| | 9-9 | 28,06 G | |
| | 9-15 | 28,44 G | 60,9 G |

**27849 P. — 38972-73 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| III. | | 20h11m | 61°51' |
| 71 | 8-26 | 30s,37 G | 41",3 G |
| 74 | 9-1 | 30,31 M | 41,0 M |
| 75 | 8-9 | 30,40 G | 39,2 G |
| | 8-11 | 30,45 G | 38,2 G |

**27850 P. — 38989 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| II. | | 20h10m | 51°31' |
| 67 | 8-31 | 58s,24 G | 46",7 G |
| III. | | 20h11m | 51°29' |
| 74 | 8-21 | 30s,76 M | 4",0 M |

**27851 P. — 38942 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| II. | | 20h10m | 95°9' |
| 57 | 7-31 [1] | 46s,49 G | 35",6 G |
| 60 | 8-6 | 46,47 G | 35,3 G |
| | 9-9 | 46,62 G | 32,1 G |
| 61 | 8-22 | 46,57 G | 33,5 G |
| III. | | 20h11m | 95°6' |
| 68 | 9-2 | 34s,13 M | 52",1 M |

[1] AR augmentée de 1s : erreur de moy.

**27852 P. — 38932 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| II. | | 20h10m | 108°17' |
| 54 | 9-27 | 42s,73 G | |
| 58 | 9-13 | | 21",3 G |
| | 10-6 | | 23,9 G |
| III. | | 20h11m | 108°14' |
| 79 | 9-1 | 34s,50 J | 38",3 J |

**27853 P. — 38954 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| II. | | 20h10m | 84°14' |
| 58 | 8-28 | | 15",3 F |
| | 9-28 | 51s,83 G | |

**27853 P. (suite).**

| A. | M. J. | AR | D |
|---|---|---|---|
| III. | | 20h11m | 84°11' |
| 71 | 8-1 | 36s,44 M | 30",7 M |

**27854 P. — 38997 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| III. | | 20h11m | 56°26' |
| 80 | 9-27 | 49s,68 J | 5",6 J |

**27855 P. — 38951 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| II. | | 20h11m | 98°23' |
| 62 | 9-17 | 5s,62 G | 15",1 G |
| III. | | 20h11m | 98°20' |
| 79 | 9-1 | 53s,98 M | 32",3 M |

**27856 P. — 39019, 25 et 27 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| II. | | 20h11m | 44°50' |
| 66 | 8-14 | 28s,06 G | |
| III. | | 20h11m | 44°48' |
| 80 | 8-26 | 57s,29 G | 10",7 G |
| | 9-1 | 57,66 G | |
| | 9-5 | 57,45 G | 9,8 G |
| 81 | 9-13 [1] | 57,20 G | 10,0 G |

[1] AR augmentée de 0s,50 : erreur de 1s sur les deux derniers fils.

**27857 P. — 66 Piazzi.**

| A. | M. J. | AR | D |
|---|---|---|---|
| I. | | 20h10m | 104°46' |
| 41 | 10-8 | 20s,89 G | 12",2 F |
| | 10-12 | 21,02 G | |
| | 10-15 | 20,91 G | |
| III. | | 20h12m | 104°40' |
| 77 | 8-13 | 2s,13 M | 44",2 M |
| | 8-17 | 2,04 M | 45,6 M |
| | 9-10 | 2,13 M | 44,5 M |
| | 9-11 | 2,10 M | 44,0 M |

**27858 P. — 38979 L.**

| A. | M. J. | AR | D |
|---|---|---|---|
| II. | | 20h11m | 75°17' |
| 58 | 7-17 | 23s,56 G | 46",2 G |
| | 8-24 | 23,70 G | |
| | 10-9 | 23,67 G | 47,3 G |
| III. | | 20h12m | 75°15' |
| 71 | 7-28 | 5s,31 M | |
| | 7-28 | 5,23 G | |
| | 8-22 | 5,15 G | |
| | 8-23 | 5,40 M | 1",7 M |
| | 8-27 | 5,27 G | 0,5 G |

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**27859 P. — 39005 L.**

| | III. 20h 12m | 56°14' |
|---|---|---|
| 81 8-14 | 6s,21 J | 44",4 J |

**27860 P. — 38948-49 L.**

| | I. 20h 10m | 109°35' |
|---|---|---|
| 39 8-21 | 26s,97 G | |
| 8-23 | | 52",7 F |
| | II. 20h 11m | 109°33' |
| 58 11-12 | 18s,69 G | 8",7 G |
| 59 9-8 | 18,71 G | 10,6 G |
| 67 7-30 | 18,41 M | 7,3 M |
| | III. 20h 12m | 109°30' |
| 69 10-12 | 10s,84 M | 26",7 M |

**27861 P. — 38960 L.**

| | II. 20h 11m | 101°14' |
|---|---|---|
| 58 9-11 | | 2",0 G |
| | III. 20h 12m | 101°11' |
| 80 8-31 | 13s,79 M | 17",6 M |

**27862 P. — 38971 L.**

| | II. 20h 11m | 89°47' |
|---|---|---|
| 59 7-2 | | 31",9 G |
| | III. 20h 12m | 89°44' |
| 71 9-20 | 13s,75 M | 47",0 M |
| 73 8-5 | 13,98 M | 46,8 M |
| 75 8-23 | 13,83 G | 48,5 G |

**27863 P. — 38980 L.**

| | III. 20h 12m | 80°31' |
|---|---|---|
| 79 8-26 | 13s,87 G | 7",7 G |

**27864 P. — 38968 L.**

| | II. 20h 11m | 97°4' |
|---|---|---|
| 58 8-12 | 27s,67 G | 10",6 G |
| 60 8-9 | 27,86 G | 11,3 G |
| 9-1 | 27,68 G | 9,3 G |
| 9-19 | 28,08 G | 12,6 G |
| 9-19[1] | | 8,9 F |

[1] 𝒟 diminuée de 1".

**27865 P. — 39233 à 35 L.**

| | I. 20h 13m | 12°38' |
|---|---|---|
| 53 1-22 I | 14s,08 G | |
| 2-19 I | 14,39 G | |
| 2-21 I | 14,15 G | |
| 2-25 I | 14,39 G | |
| 3-9 I | 14,09 G | |
| 7-19 | 14,29 G | |
| 7-20 | 14,26 G | |
| 7-21 | 14,60 G | |
| 7-23 | 13,77 G | |
| 8-5 | 14,52 G | |

**27866 P. — 38947 L.**

| | II. 20h 11m | 115°39' |
|---|---|---|
| 55 9-19 | 22s,30 G | |
| 59 10-17 | | 26",4 G |

**27867 P. — 39004 L.**

| | III. 20h 12m | 64°0' |
|---|---|---|
| 71 8-29 | 18s,84 M | 48",9 M |
| 74 8-13 | 18,88 M | 49,2 M |

**27868 P. — 38975 L.**

| | II. 20h 11m | 94°43' |
|---|---|---|
| 59 9-5 | 36s,69 G | |
| 62 8-12 | 36,57 G | 25",6 G |
| 8-13 | 36,92 G | 25,2 G |
| | III. 20h 12m | 94°40' |
| 81 9-19 | 24s,02 M | 43",8 M |

**27869 P. — 39012-13 L.**

| | II. 20h 11m | 61°17' |
|---|---|---|
| 58 8-30 | 47s,32 G | |
| 11-4 | 47,37 G | |
| 62 7-19 | 47,57 G | 7",5 G |
| | III. 20h 12m | 61°14' |
| 81 8-22 | 24s,48 J | 22",4 J |
| 8-24 | 24,28 J | 22,1 J |

**27870 P. — 39000 L.**

| | II. 20h 11m | 75°14' |
|---|---|---|
| 58 7-17 | 43s,38 G | |
| 8-24 | 43,48 G | 34",1 G |
| 10-9[1] | 43,67 G | |

[1] ℛ augmentée de 1s : erreur de moy.

**27871 P. — 39063 L.**

| | III. 20h 12m | 37°52' |
|---|---|---|
| 80 8-11 | | 53",8 G |

**27872 P. — 39045 L.**

| | I. 20h 11m | 50°6' |
|---|---|---|
| 46 8-14 | 24s,30 G | |
| 8-21 | | 42",0 G |
| | II. 20h 11m | 50°4' |
| 67 8-23 | | 0",9 G |
| | III. 20h 12m | 50°1' |
| 69 9-17 | 28s,21 M | 14",7 M |
| 9-22 | 28,36 M | 13,6 M |

**27873 P. — 38970 L.**

| | I. 20h 10m | 103°16' |
|---|---|---|
| 40 10-30 | 49s,17 G | |
| 48 7-17 | 49,41 G | |

**27874 P. — 39058 L.**

| | III. 20h 12m | 45°2' |
|---|---|---|
| 80 8-27 | 31s,66 G | 48",0 G |
| 9-26 | | 47,4 G |
| 81 8-5 | 31,61 G | 47,4 G |

**27875 P. — 38988 L.**

| | II. 20h 11m | 89°50' |
|---|---|---|
| 57 10-16 | 48s,94 G | 12",8 G |
| | III. 20h 12m | 89°47' |
| 79 8-11 | 34s,98 J | 27",6 J |

**27876 P. — 39006 L.**

| | II. 20h 11m | 72°6' |
|---|---|---|
| 57 9-6 | 54s,95 G | |
| 58 8-9 | | 19",2 G |
| | III. 20h 12m | 72°3' |
| 71 9-2 | 35s,51 G | 34",8 G |

**27877 P. — 38995 L.**

| | II. 20h 11m | 88°12' |
|---|---|---|
| 55 11-2 | 55s,77 G | |
| 57 8-6 | | 2",3 G |
| 8-7 | | 2,4 G |

**27878 P. — 38992 L.**

| | II. 20h 11m | 94°11' |
|---|---|---|
| 58 7-30 | 58s,58 G | 18",5 G |
| 10-5 | | 20,0 G |
| | III. 20h 12m | 94°8' |
| 76 8-8 | 45s,89 G | 34",3 G |
| 8-9 | 45,84 G | 35,0 G |
| 8-11 | 45,85 G | 35,6 G |

**27879 P. — 39059 L.**

| | III. 20h 12m | 49°47' |
|---|---|---|
| 69 9-23 | 46s,53 M | 41",8 M |
| 75 8-23 | 46,59 M | 42,5 M |
| 9-7 | 46,41 M | 40,4 M |

**27880 P. — 39054 L.**

| | II. 20h 12m | 52°11' |
|---|---|---|
| 67 8-5[1] | 14s,15 G | 48",2 G |
| 8-27 | 14,28 G | 47,1 G |

[1] ℛ augmentée de 3s : erreur de transcr.

**27881 P. — 39079 L.**

| | III. 20h 12m | 38°23' |
|---|---|---|
| 80 9-2 | | 10",0 G |

**27882 P. — 20407 A O.**

| | III. 20h 12m | 105°24' |
|---|---|---|
| 77 7-30 | 50s,75 G | |
| 8-23 | 50,78 M | 22",1 M |
| 8-27 | 50,78 M | 22,1 M |
| 8-28 | 50,76 M | 21,8 M |
| 9-12 | 50,86 M | 23,3 M |
| 9-13 | 50,74 M | 21,7 M |
| 10-4 | 50,73 M | 22,5 M |

**27883 P. — 39032 L.**

| | III. 20h 12m | 65°53' |
|---|---|---|
| 81 8-21 | 52s,37 J | 10",8 J |
| 8-27 | 52,60 J | 11,0 J |

**27884 P. — 73 Piazzi.**

| | I. 20h 11m | 104°45' |
|---|---|---|
| 41 9-21 | 11s,72 G | |
| 10-1 | 11,51 G | |
| 10-15 | 11,60 G | |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜., 𝒟.)

**27885 P. — 39017-18 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 12m | 73°4' |
| 57 10- 3 | 12s,73 G | 19",4 G |
| | III. | |
| | 20h 12m | 73°1' |
| 79 8-20 | 53s,69 G | 36",0 G |

**27886 P. — 5689 Sf. — 12°.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 20h 11m | 102°58' |
| 44 8-16 | 13s,84 G | |
| 53 8-24 | 13,82 G | |

**27887 P. — 39082 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 20h 12m | 38°16' |
| 80 9- 2 | 55s,29 G | |

**27888 P. — 3697 A + 28°.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 12m | 61°14' |
| 58 8-30 | 18s,58 G | |

**27889 P. — 38974 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 12m | 115°38' |
| 55 7-30 | 2s,35 G | |
| 58 8- 5 | | 50",2 G |

**27890 P. — 39014-15 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 20h 12m | 80°18' |
| 80 9-26 | 57s,65 M | 1",7 M |

**27891 P. — 39046 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 12m | 64°47' |
| 58 9- 6 | 20s,76 G | 9",3 G |
| 9-16 | 20,50 G | |
| | III. | |
| | 20h 12m | 64°44' |
| 80 9- 6 | 58s,86 M | 24",0 M |

**27892 P. — 39002 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 20h 11m | 92°36' |
| 40 8- 9[1] | 26s,21 G | |
| | III. | |
| | 20h 12m | 92°30' |
| 68 9- 4 | 59s,95 G | 54",9 M |
| 76 8-12 | 59,55 G | 55,6 G |
| 8-17 | 59,57 G | 55,6 G |
| 9-19 | 59,61 G | 59,9 G |

[1] 𝒜 augm. de 8s : erreur de réduct.

**27893 P. — 39047 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 12m | 64°48' |
| 58 9- 6 | 24s,94 G | |
| 9-16 | 24,70 G | |

**27894 P. — 39264 et 66 à 68 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 20h 13m | 12°45' |
| 37 11-27 | | 31",7 F |
| 45 4-31 I | 59s,92 G | |
| 53 1-22 I | 59,64 G | |
| 2-19 I | 60,10 G | |
| 2-21 I | 59,72 G | |
| 2-25 I | 59,79 G | |
| 3- 9 I | 59,62 G | |
| 7-19 | 59,47 G | |
| 7-20 | 59,65 G | |
| 7-21 | 60,04 G | |
| 7-23 | 59,32 G | 31,8 G |
| 8- 5 | 60,12 G | |
| | II. | |
| | 20h 13m | 12°42' |
| 64 7-26 | | 41",7 G |
| 8- 1 | | 43,8 G |
| 8-26 | | 42,5 G |
| 65 8-30 | | 43,0 G |

**27895 P. — 39060 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 20h 13m | 56°17' |
| 80 9- 1 | 3s,47 J | 51",0 J |
| 9- 8 | 3,44 J | 50,8 J |

**27896 P. — 39022 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 12m | 78°0' |
| 58 7-16 | 21s,76 G | |
| | III. | |
| | 20h 13m | 77°58' |
| 71 9- 5 | 4s,33 G | |
| 9-12 | 4,31 G | |
| 9-14 | 4,21 G | |
| 75 8-17 | 4,26 G | 11",7 G |

**27897 P. — 11115 Cambridge.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 12m | 61°13' |
| 58 8-30 | 29s,02 G | |

**27898 P. — 39064 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 20h 12m | 52°26' |
| 46 7-28 | 4s,54 G | |
| 8-17 | 4,59 G | |
| 11-11 | 4,21 G | |
| 50 8-12 | | 46",3 G |

**27898 P. (suite).**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 12m | 52°24' |
| 66 9-17 | 37s,62 G | |
| 67 8-19 | 37,53 G | 1",1 G |
| | III. | |
| | 20h 13m | 52°21' |
| 81 8-24 | 10s,69 M | 16",0 M |

**27899 P. — 5622 Sf. — 15°.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 12m | 105°10' |
| 60 10- 6[1] | 21s,31 G | |

[1] 𝒜 diminuée de 10s : obs. avec β[1] Capricorne dont le passage est affecté de la même erreur.

**27900 P. — 20326 A.O.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 20h 13m | 40°0' |
| 81 10- 5 | | 10",3 G |

**27901 P. — 39076-77 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 12m | 47°42' |
| 66 8-11 | 41s,08 G | |
| 8-22[1] | 41,29 G | |

[1] 𝒜 diminuée de 1s : err. de réduction.

**27902 P. — 38994 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 12m | 110°4' |
| 58 8- 4 | | 57",8 G |
| | III. | |
| | 20h 13m | 110°2' |
| 79 9- 3 | 14s,22 J | 14",6 J |
| 81 9-29 | 14,31 M | 13,7 M |

**27903 P. — 475 $W_2$.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 20h 12m | 49°58' |
| 46 8-21 | 13s,82 G | |

**27904 P. — 3127 Gr.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 20h 13m | 40°6' |
| 81 10- 5 | 19s,23 G | |

**27905 P. — 39023 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 12m | 88°26' |
| 57 7-11 | 34s,17 G | |
| 59 8-23 | 34,08 G | 34",0 G |

**27905 P. (suite).**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 20h 13m | 88°23' |
| 74 8-20 | 19s,70 G | 48",9 G |

**27906 P. — 39030 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 20h 13m | 84°33' |
| 73 8- 6 | 20s,14 M | 6",1 M |
| 74 9-24 | 20,01 M | 4,5 M |
| 76 7-26 | 20,07 M | 4,2 M |
| 8-10 | 19,95 M | 2,9 M |

**27907 P. — 464 $W_2$.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 12m | 67°29' |
| 58 8-28 | 43s,01 G | |

**27908 P. — 39016 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 12m | 92°41' |
| 58 9-11 | | 1",6 F |
| | III. | |
| | 20h 13m | 92°38' |
| 76 9-21 | 22s,43 G | 18",8 G |
| 9-23 | 22,40 G | 18,9 G |
| 79 9- 2 | 22,57 J | 19,1 J |

**27909 P. — 39069 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 12m | 58°19' |
| 67 8-24 | 50s,62 G | 23",9 G |
| | III. | |
| | 20h 13m | 58°16' |
| 68 7-30 | 26s,05 G | |
| 74 9-14 | 26,20 M | 40",1 M |
| 76 8-16 | 26,22 M | 39,4 M |
| 8-25 | 26,20 M | 39,7 M |

**27910 P. — 39092 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 20h 13m | 44°44' |
| 80 9-24 | 27s,06 G | 58",6 G |
| 81 8-24 | 27,26 G | 57,7 G |

**27911 P. — 23940 $Mn_1$.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 20h 11m | 100°52' |
| 43 10-18 | 50s,64 G | |

**27912 P. — 39049 L.**

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20$^h$ 12$^m$ | 78° 17′ |
| 58 9-12 | | 56″,6 G |
| 10- 3 | 49$^s$,54 G | 56,9 G |
| | III. | |
| | 20$^h$ 13$^m$ | 78° 15′ |
| 79 9-30 | 32$^s$,12 J | 13″,1 J |

**27913 P. — 39057 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20$^h$ 12$^m$ | 76° 31′ |
| 57 8-26 | 52$^s$,60 G | |

**27914 P. — 39094 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 20$^h$ 12$^m$ | 49° 44′ |
| 49 7-16 | 37$^s$,58 G | |
| 50 8-24 | 37,48 G | |
| | II. | |
| | 20$^h$ 13$^m$ | 49° 42′ |
| 62 7-25 | 9$^s$,44 G | |
| 8- 1 | 9,47 G | |
| 63 8- 4 | 9,40 G | |
| 8- 6 | 9,10 G | |
| 8- 8 | 9,22 G | |
| 8- 9 | 9,27 G | |
| 8-10 | 9,41 G | |
| 8-12 | 9,41 G | |
| 8-14 | 9,39 G | |
| 8-17 | 9,38 G | |
| 8-25 | 9,44 G | |
| 9-12 | 9,35 G | |
| 9-15 | 9,35 G | |
| 64 7-29 | 9,42 G | |
| 7-30 | 9,41 G | |
| 8- 2 | 9,33 G | |
| 8- 7 | 9,41 G | |
| 8- 8 | 9,31 G | |
| 8-10 | 9,34 G | |
| 8-11 | 9,53 G | |
| 8-16 | 9,37 G | |
| 8-17 | 9,38 G | |
| 9- 4 | 9,47 G | |
| 9- 5 | 9,37 G | |
| 9- 6 | 9,38 G | |
| 9- 9 | 9,51 G | |
| 9-11 | 9,33 G | |
| 9-12 | 9,46 G | |
| 65 9- 2 | 9,22 G | |
| 9- 5 | 9,34 G | |
| 9- 6 | 9,22 G | |
| 9- 7 | 9,28 G | |
| 9- 8 | 9,29 G | |
| 9-12 | 9,42 G | |
| 9-13 | 9,52 G | |
| | III. | |
| | 20$^h$ 13$^m$ | 49° 39′ |
| 72 8-16 | 41$^s$,36 G | |
| 8-17 | 41,20 G | |
| 8-18 | 41,25 G | |
| 8-19 | 41,27 G | |
| 8-20 | 41,39 G | |
| 8-31 | 41,22 G | |
| 9- 1 | 41,17 G | |
| 9- 9 | 41,27 G | |
| 81 7-27 | 40,91 G | 22″,9 G |
| 8-22 | 41,10 G | 23,3 G |

**27915 P. — 39061 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20$^h$ 13$^m$ | 71° 36′ |
| 56 9- 8 | 1$^s$,47 G | |
| 58 7-12 | | 40″,8 G |
| | III. | |
| | 20$^h$ 13$^m$ | 71° 33′ |
| 80 8- 9 | 41$^s$,94 M | 56″,8 M |

**27916 P. — 39028-29 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 20$^h$ 12$^m$ | 103° 14′ |
| 40 10- 6 | 3$^s$,75 G | |
| 43 9-29 | 3,71 G | |
| | II. | |
| | 20$^h$ 12$^m$ | 103° 11′ |
| 54 9-19 | 53$^s$,60 G | |
| 59 9-18 | 53,63 G | 47″,8 G |
| 60 9-15 | 53,66 G | 48,8 G |
| 61 10- 6 | 53,83 G | |
| | III. | |
| | 20$^h$ 13$^m$ | 103° 9′ |
| 78 9- 7 | 43$^s$,72 M | 2″,4 M |

**27917 P. — 39020, 21, 24 et 26 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 20$^h$ 12$^m$ | 105° 16′ |
| 38 10- 4 | 3$^s$,62 G | |
| 40 8-16 | 3,39 G | |
| 8-20 | 3,46 G | |
| 9-12 | 3,75 G | |
| 9-21 | 3,74 G | |
| 9-29 | 3,43 G | |
| 9-30 | 3,46 G | |
| 10-10 | 3,64 G | |
| 10-14 | 3,51 G | |
| 10-15 | 3,58 G | |
| 10-24 | 3,54 G | |
| 41 8-13 | 3,53 G | |
| 8-14 | 3,93 G | |
| 8-18 | 3,83 G | |
| 8-19 | 3,67 G | |
| 8-21 | 3,61 G | |
| 8-22 | 3,62 G | |
| 8-24 | 3,78 G | |
| 8-27 | 3,63 G | |
| 8-28 | 3,75 G | |
| 8-30 | 3,58 G | |
| 9-10 | 3,53 G | |
| 9-11 | 3,54 G | |
| 9-19 | 3,68 G | |
| 9-20 | 3,66 G | |
| 9-29 | 3,64 G | |
| 43 7-14 | 3,69 G | |
| 46 7-20 | 3,84 G | 9″,3 G |
| 11- 3 | 3,73 G | |
| 11- 4 | 3,70 G | |
| 47 9-10 | 3,49 G | |
| 48 5-23 | 3,75 G | |
| 49 8-11 | | 8,6 G |
| 9-25 | 3,87 G | |
| 53 8- 8 | 3,73 G | |

**27917 P. (suite).**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II | |
| | 20$^h$ 12$^m$ | 105° 13′ |
| 54 9-11 | 54$^s$,32 G | |
| 56 8- 4 | 54,21 G | |
| 8- 9 | 54,36 G | |
| 9- 5 | 54,32 G | |
| 9-19 | 54,48 G | |
| 9-20 | 54,46 G | |
| 10-28 | 54,31 G | |
| 10-29 | 54,26 G | |
| 57 7-22 | 54,32 G | |
| 8-20 | 54,38 G | |
| 10- 2 | | 21″,7 G |
| 10-12 | 54,19 G | |
| 11-18 | 54,41 G | |
| 58 9-27 | 54,32 G | |
| 59 7-16 | 54,32 G | |
| 60 7-31 | 54,45 G | |
| 9- 6 | 54,46 G | 23,7 G |
| 9-11 | 54,65 G | |
| 10- 6[1] | 54,47 G | |
| 61 8-28 | 54,34 G | |
| 8-30 | | 21,6 G |
| 10-10 | 54,35 G | 24,2 G |

[1] 𝒜 diminuée de 10$^s$ (*voir* 27899 P).

**27918 P. — 8102 Berlin A.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20$^h$ 13$^m$ | 74° 53′ |
| 58 8-31 | 3$^s$,63 G | |

**27919 P. — 39042 et 44 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20$^h$ 12$^m$ | 96° 47′ |
| 58 8-20 | 59$^s$,04 G | |
| 9- 8 | 58,84 G | 46″,1 G |
| | III. | |
| | 20$^h$ 13$^m$ | 96° 45′ |
| 74 8-31 | 46$^s$,70 G | 2″,7 G |

**27920 P. — 39087 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 20$^h$ 12$^m$ | 53° 28′ |
| 46 7-22 | 40$^s$,20 G | |
| 48 8-12 | | 54″,9 G |
| | III. | |
| | 20$^h$ 13$^m$ | 53° 23′ |
| 74 8-26 | 47$^s$,56 M | 25″,8 M |

**27921 P. — 15986 T — 24°.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20$^h$ 12$^m$ | 114° 50′ |
| 67 8-24 | 56$^s$,04 M | 17″,8 M |

**27922 P. — 39052 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20$^h$ 13$^m$ | 89° 41′ |
| 57 7-12 | 4$^s$,69 G | |
| 8- 6 | 4,39 G | 43″,4 G |
| 58 8-28 | | 42,8 F |
| 59 7-21 | 4,55 G | 43,6 G |
| | III. | |
| | 20$^h$ 13$^m$ | 89° 38′ |
| 71 8- 1 | 50$^s$,74 M | 58″,6 M |

**27923 P. — 39086 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 20$^h$ 12$^m$ | 55° 29′ |
| 48 7-28 | 41$^s$,94 G | |
| | II. | |
| | 20$^h$ 13$^m$ | 55° 27′ |
| 67 7-30[1] | 16$^s$,52 G | 9″,7 G |
| 8- 9 | 16,45 G | 9,8 G |
| | III. | |
| | 20$^h$ 13$^m$ | 55° 24′ |
| 69 9- 8 | 50$^s$,81 M | 24″,1 M |
| 74 9-14 | 50,99 G | 24,6 G |
| 9-19 | 50,97 G | 23,1 G |

[1] 𝒟 diminuée de 4″ : erreur de réduct.

**27924 P. — 39062 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20$^h$ 3$^m$ | 78° 0′ |
| 58 7-21 | | 29″,0 G |

**27925 P. — 39035 à 37, 39 à 41 et 43 L.**

**9 $\beta^2$ Capricorne.**

Étoile fondamentale.

**27926 P. — 39124 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 20$^h$ 14$^m$ | 39° 14′ |
| 80 9- 6 | 0$^s$,96 G | 13″,6 G |

**27927 P. — 39110-11 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 20$^h$ 14$^m$ | 45° 19′ |
| 81 8- 8 | 1$^s$,07 G | 11″,3 G |

**27928 P. — 39080 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20$^h$ 13$^m$ | 67° 26′ |
| 58 8-28 | 22$^s$,47 G | 26″,2 G |

Dates 1800 + — Positions moyennes pour les époques du Catal.

### 27928 P. (suite).

| A. M. J. | Æ. | P. |
|---|---|---|
| III. | 20h 14m | 67°23' |
| 71 9-17 | | 40",1 G |
| 74 9-12 | 1s,65 M | 40,1 M |
| 75 8-16 | 1,45 M | 39,4 M |
| 9-1 | 1,62 M | 40,4 M |
| 9-17 | 1,62 M | 40,3 M |
| 76 8-1 | 1,77 M | 39,9 M |
| 8-17 | 1,68 M | 41,3 M |

### 27929 P. — 39113-14 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 20h 13m | 45°2' |
| 66 8-7 | 32s,51 G | |
| 67 9-10 | 32,53 M | 19",7 M |

### 27930 P. — 39065-66 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 20h 13m | 80°7' |
| 58 8-1 | 19s,53 G | 47",2 G |
| 9-5 | 19,59 G | |
| 59 9-3 | | 46,0 G |
| 62 9-13 | 19,77 G | 46,9 G |
| 9-18 | 19,75 G | |

### 27931 P. — 39090-91 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 20h 13m | 60°56' |
| 58 9-14 | 27s,08 G | 15",4 G |
| 11-11 | 27,13 G | |
| 59 9-16 | 26,89 G | 14,4 G |
| 11-12 | 26,89 G | |

### 27932 P. — 39053 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 20h 13m | 98°10' |
| 59 8-7 | 15s,29 G | 58",2 G |
| III. | 20h 14m | 98°8' |
| 81 9-30 | 3s,80 M | 12",1 M |

### 27933 P. — 39031 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 20h 13m | 113°55' |
| 58 8-19 | 12s,01 G | 1",7 G |

### 27934 P. — 39056 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 20h 13m | 100°7' |
| 54 9-4 | 17s,95 G | |
| 59 9-10 | 18,27 G | 20",1 G |
| III. | 20h 14m | 100°4' |
| 80 7-22 | 7s,07 M | 34",1 M |

### 27935 P. — 39070 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 20h 13m | 80°13' |
| 58 9-5 | 25s,14 G | 55",6 G |
| 62 9-20 | 24,97 G | |

### 27936 P. — 493 $W_2$.

| A. M. J. | Æ. | P. |
|---|---|---|
| III. | 20h 14m | 62°50' |
| 71 9-17[1] | 8s,56 G | |

[1] Indiquée à tort comme 39080 L. (dist. des fils.)

### 27937 P. — 39075 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 20h 13m | 76°53' |
| 56 7-16 | 26s,53 G | |
| 58 10-1 | 26,57 G | |
| 61 8-22 | 26,54 G | 0",8 G |
| 10-12 | 26,51 G | 1,1 G |

### 27938 P. — 39055 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 20h 13m | 101°25' |
| 54 9-18 | 20s,01 G | |
| 58 9-9 | 20,13 G | |
| 10-6 | | 20",6 G |
| III. | 20h 14m | 101°22' |
| 80 9-5 | 9s,60 M | 34",1 M |

### 27939 P. — 39073 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 20h 13m | 80°12' |
| 58 9-5 | 26s,56 G | |

### 27940 P. — 39088 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 20h 13m | 66°12' |
| 58 7-14[1] | 34s,83 G | |
| 9-10 | 34,76 G | |
| 62 9-22[2] | 34,70 G | 16",1 G |
| III. | 20h 14m | 66°9' |
| 71 9-18 | 13s,31 G | 31",3 G |
| 9-20 | 13,29 G | 31,1 G |

[1] Æ augmentée de 1m.
[2] P augmentée de 5° : erreur de réduct.

### 27941 P. — 24002 $Mn_1$.

| A. M. J. | Æ. | P. |
|---|---|---|
| I. | 20h 12m | 79°0' |
| 43 8-31 | | 50",8 F |

### 27942 P. — 7639 Berlin B.

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 20h 13m | 67°51' |
| 58 9-19 | | 44",7 G |

### 27943 P. — 39078 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 20h 13m | 82°49' |
| 58 9-15[1] | 35s,54 G | 25",9 G |
| III. | 20h 14m | 82°46' |
| 80 9-13 | 19s,59 M | 39",0 M |

[1] Æ augmentée de 1m : erreur de transc.

### 27944 P. — 39081 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 20h 13m | 77°45' |
| 59 8-16 | 39s,03 G | 16",3 G |
| III. | 20h 14m | 77°42' |
| 71 9-3 | 21s,19 G | 29",4 G |
| 9-15 | 21,36 M | 31,1 M |
| 9-15 | 21,52 G | |

### 27945 P. — 39071-72 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| I. | 20h 12m | 89°5' |
| 40 8-9 | 50s,48 G | |
| II. | 20h 13m | 89°3' |
| 57 8-22 | | 0",1 G |
| 62 8-6 | 36s,06 G | 1,4 G |

### 27946 P. — 39119 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 20h 13m | 51°25' |
| 63 8-12 | 51s,54 M | 56",5 M |
| III. | 20h 14m | 51°23' |
| 80 9-2 | 24s,56 J | 11",3 J |

### 27947 P. — 39137 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| III. | 20h 14m | 41°20' |
| 80 8-13 | 25s,31 G | 47",1 G |

### 27948 P. — 24022 $Mn_1$.

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 20h 13m | 73°5' |
| 57 10-3 | 45s,82 G | 17",2 G |

### 27949 P. — 39083-84 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 20h 13m | 79°37' |
| 58 8-16 | 44s,52 G | 39",4 G |
| 60 8-9 | 44,73 G | 39,9 G |
| 62 10-1 | 44,86 G | 40,5 G |
| 67 8-31 | 44,80 M | |

### 27950 P. — 39093 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 20h 13m | 74°53' |
| 58 8-11 | 46s,78 G | 50",3 G |
| 60 9-19 | 46,85 G | 51,5 G |

### 27951 P. — 39068 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 20h 13m | 96°47' |
| 58 8-20 | 40s,86 G | 30",3 G |
| 60 8-6 | 40,70 G | 31,8 G |
| III. | 20h 14m | 96°44' |
| 74 8-26 | 28s,76 G | 46",8 G |

### 27952 P. — 39112 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| III. | 20h 14m | 58°20' |
| 80 9-9 | 32s,54 J | 38",7 J |

### 27953 P. — 39129 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| III. | 20h 14m | 47°39' |
| 81 8-27[1] | 33s,62 G | 37",0 G |

[1] P diminuée de 1'.

### 27954 P. — 39067 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 20h 13m | 101°32' |
| 54 8-24 | 45s,89 G | |
| 8-25 | 45,74 G | |
| 57 9-9 | | 51",3 G |
| III. | 20h 14m | 101°30' |
| 79 8-12 | 35s,31 M | 4",5 M |

### 27955 P. — 39096-97 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 20h 13m | 79°41' |
| 58 8-16 | 57s,05 G | |
| 60 8-9 | 57,17 G | |
| III. | 20h 14m | 79°38' |
| 71 8-12 | 40s,27 G | 21",7 G |
| 8-28 | 40,27 G | 20,9 G |
| 9-11 | 40,22 G | |

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|

**27956 P. — 329 $W_1$.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $20^h 13^m$ | 100°37′ |
| 40 9-16 | $2^s,03$ G | |
| 44 8-21 | 2,13 G | |
| 8-25 | 1,90 G | |
| 8-28 | 1,82 G | |

**27957 P. — 39102 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h 13^m$ | 72°38′ |
| 57 10-13 | $59^s,66$ G | 41″,9 G |
| III. | $20^h 14^m$ | 72°35′ |
| 75 8-9 | $40^s,74$ G | 55″,6 G |
| 8-11 | 40,83 G | 56,0 G |
| 79 7-31 | | 57,8 G |
| 8-16 | 41,04 G | 55,0 G |

**27958 P. — 39117 et 20 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h 14^m$ | 60°42′ |
| 58 8-8 | $6^s,99$ G | |
| III. | $20^h 14^m$ | 60°39′ |
| 74 9-1 | $43^s,62$ M | 57″,1 M |
| 79 8-26 | 43,71 G | 56,2 G |
| 9-3 | 43,65 G | 55,5 G |

**27959 P. — 39144 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $20^h 14^m$ | 43°50′ |
| 80 8-14 | $45^s,47$ G | 47″,8 G |

**27960 P. — 39109 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h 14^m$ | 66°1′ |
| 59 7-25 | | 59″,6 G |

**27961 P. — 39104 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h 14^m$ | 77°37′ |
| 57 9-1 | | 18″,3 G |
| 59 7-25 | $3^s,98$ G | |
| 62 9-19 | 4,16 G | 19,0 G |
| III. | $20^h 14^m$ | 77°34′ |
| 71 9-15 | | 32″,1 G |

**27962 P. — 39149 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $20^h 14^m$ | 44°4′ |
| 80 8-30 | $48^s,99$ G | 8″,3 G |
| 81 9-15 | 49,22 G | 9,0 G |

**27963 P. — 39118 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h 14^m$ | 66°12′ |
| 58 7-14 | $15^s,00$ G | |
| III. | $20^h 14^m$ | 66°10′ |
| 79 9-11 | $53^s,78$ G | 3″,2 G |

**27964 P. — 336 $W_1$.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h 14^m$ | 92°27′ |
| 62 9-18 | | 13″,7 G |

**27965 P. — 2621 Br.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $20^h 14^m$ | 40°59′ |
| 50 9-4 | $3^s,27$ G | |

**27966 P. — 39142-43 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h 14^m$ | 49°2′ |
| 66 8-10 | $25^s,54$ G | |
| III. | $20^h 14^m$ | 49°0′ |
| 81 8-6 | $57^s,22$ G | 5″,9 G |

**27967 P. — 5954 Sf. — 17°.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $20^h 13^m$ | 107°15′ |
| 41 9-21 | $23^s,26$ G | |

**27968 P. — 39141 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $20^h 14^m$ | 53°21′ |
| 46 7-28 [1] | $0^s,26$ G | |
| 8-14 | 0,34 G | |
| 8-25 | | 8″,2 G |
| 8-26 | 0,28 G | |
| 10-18 | 0,43 G | |
| 47 8-17 | 0,49 G | 5,9 F |
| 8-27 | 0,48 G | |
| 48 7-11 | 0,45 G | |
| 8-28 | | 7,4 G |
| 51 9-11 | 0,43 G | |
| III. | $20^h 15^m$ | 53°15′ |
| 74 8-21 | $7^s,66$ M | 36″,9 M |
| 9-15 | 7,64 M | 38,5 M |
| 75 9-2 | 7,66 M | 36,3 M |

[1] 𝒜 diminuée de $1^m$.

**27969 P. — 39103 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h 14^m$ | 89°52′ |
| 58 9-11 | | 3″,4 F |
| 61 10-16 | $21^s,89$ G | 2,9 G |
| III. | $20^h 15^m$ | 89°49′ |
| 78 9-19 | $7^s,71$ G | 17″,0 G |

**27970 P. — 39152 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $20^h 15^m$ | 47°23′ |
| 80 9-29 | $8^s,11$ G | 36″,2 G |
| 81 8-2 | 8,22 G | 36,7 G |

**27971 P. — 20442 A.O.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $20^h 13^m$ | 106°6′ |
| 41 10-15 | $27^s,88$ G | |

**27972 P. — 39126-27 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h 14^m$ | 68°9′ |
| 58 11-4 | $34^s,58$ G | |
| 59 8-22 | 34,42 G | |
| III. | $20^h 15^m$ | 68°7′ |
| 71 8-26 | | 1″,8 M |
| 8-26 | $13^s,53$ G | 2,6 G |
| 75 8-16 | 13,83 G | 1,7 G |

**27973 P. — 39099-100 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h 14^m$ | 97°0′ |
| 56 8-24 | $25^s,47$ G | |
| 58 9-26 | 25,60 G | 28″,4 G |
| III. | $20^h 15^m$ | 96°57′ |
| 79 7-30 | $13^s,82$ J | 41″,3 J |
| 80 8-31 | 13,69 M | 41,8 M |

**27974 P. — 14058 Bonn.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $20^h 14^m$ | 40°51′ |
| 49 8-21 | $21^s,36$ G | |

**27975 P. — 39108 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h 14^m$ | 88°46′ |
| 57 8-14 | | 15″,1 G |
| 8-18 | $29^s,96$ G | |
| 60 8-12 | 29,84 G | |
| 62 9-17 | 30,02 G | 15,1 G |

**27976 P. — 39122 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h 14^m$ | 77°35′ |
| 59 7-25 | $34^s,62$ G | |
| 62 9-19 | | 52″,6 G |
| III. | $20^h 15^m$ | 77°33′ |
| 79 8-20 | $17^s,16$ G | 6″,3 G |

**27977 P. — 39095 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $20^h 13^m$ | 106°18′ |
| 40 8-28 | $36^s,38$ G | |
| 8-29 | | 57″,2 F |
| 8-30 | | 58,1 F |
| II. | $20^h 14^m$ | 106°16′ |
| 54 8-27 | $27^s,20$ G | 13″,3 G |
| 8-29 [1] | 27,26 G | 14,0 G |
| 65 8-9 | 27,26 M | 12,4 M |
| III. | $20^h 15^m$ | 106°13′ |
| 78 9-11 | $18^s,29$ M | 26″,3 M |

[1] 𝒜 diminuée de $1^m$ : err. de transc.

**27978 P. — 39104 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h 14^m$ | 96°7′ |
| 57 8-28 | | 30″,1 G |
| III. | $20^h 15^m$ | 96°4′ |
| 79 7-31 [1] | $19^s,60$ J | 44″,0 J |
| 81 9-19 | 19,76 M | 42,9 M |

[1] 𝒜 diminuée de $1^s$ : correction indiquée comme probable par l'observateur.

**27979 P. — 39161 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $20^h 15^m$ | 46°53′ |
| 81 9-17 | $19^s,96$ G | 58″,6 G |
| 9-29 | | 60,9 G |

**27980 P. — 4368 A + 13°.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h 14^m$ | 76°14′ |
| 59 7-4 | $40^s,42$ G | |

**27981 P. — 39130 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h 14^m$ | 75°20′ |
| 58 7-17 | $46^s,09$ G | 11″,5 G |
| 8-9 | | 12,2 G |
| 8-24 | 45,83 G | 11,8 G |
| 60 9-1 | 46,15 G | 13,1 G |
| 67 8-5 | 46,13 M | |

**27982 P. — 39145-46 L.**

| Dates 1800 + A. M. J. | Æ | P |
|---|---|---|
| III. | $20^{h}15^{m}$ | 62°37′ |
| 80 9-24 | $29^{s},96$ J | $56'',7$ J |
| 81 8-22 | 29,94 J | 56,3 J |

**27983 P. — 39165-66 L.**

| Dates 1800 + A. M. J. | Æ | P |
|---|---|---|
| III. | $20^{h}15^{m}$ | 48°47′ |
| 80 8-26 | $31^{s},51$ G | $28'',3$ G |

**27984 P. — 39151 L.**

| Dates 1800 + A. M. J. | Æ | P |
|---|---|---|
| II. | $20^{h}14^{m}$ | 58°25′ |
| 67 8-23 | $56^{s},12$ G | $2'',0$ G |

**27985 P. — 39138 L.**

| Dates 1800 + A. M. J. | Æ | P |
|---|---|---|
| II. | $20^{h}14^{m}$ | 72°38′ |
| 58 10-3 | $54^{s},56$ G | $14'',9$ G |

**27986 P. — 534 $W_2$.**

| Dates 1800 + A. M. J. | Æ | P |
|---|---|---|
| II. | $20^{h}14^{m}$ | 68°14′ |
| 58 11-4 [1] | $58^{s},17$ G | |

[1] Æ diminuée de $30^{s}$. Observée avec 39127 L. dont les quatre derniers fils étaient également erronés de $30^{s}$; erreur rectifiée au moment de la réduction.

**27987 P. — 39132 à 34 L.**

| Dates 1800 + A. M. J. | Æ | P |
|---|---|---|
| II. | $20^{h}14^{m}$ | 79°27′ |
| 58 7-16 | $55^{s},43$ G | |
| 9-11 | | $0'',9$ G |
| III. | $20^{h}15^{m}$ | 79°24′ |
| 71 8-22 | $38^{s},14$ G | |
| 8-23 | 38,26 M | $13'',6$ M |
| 9-2 | 38,33 G | 13,0 G |
| 9-14 | 38,21 G | |

**27988 P. — 39121 L.**

| Dates 1800 + A. M. J. | Æ | P |
|---|---|---|
| II. | $20^{h}14^{m}$ | 94°4′ |
| 55 9-27 | | $42'',0$ G |
| 57 8-9 | $52^{s},91$ G | |
| 10-16 | 52,81 G | 42,2 G |
| 58 7-30 | 53,13 G | 41,4 G |
| III. | $20^{h}15^{m}$ | 94°1′ |
| 76 8-8 | $40^{s},29$ G | $52'',7$ G |
| 8-9 | 40,21 G | 54,6 G |
| 8-11 | 40,12 G | 55,1 G |

**27989 P. — 39123 L.**

| Dates 1800 + A. M. J. | Æ | P |
|---|---|---|
| II. | $20^{h}14^{m}$ | 89°35′ |
| 56 9-6 | $54^{s},38$ G | |
| 58 10-5 | | $21'',4$ G |
| III. | $20^{h}15^{m}$ | 89°32′ |
| 71 9-20 | $40^{s},49$ M | $32'',8$ M |

**27990 P. — 96 Piazzi.**

| Dates 1800 + A. M. J. | Æ | P |
|---|---|---|
| I. | $20^{h}14^{m}$ | 102°52′ |
| 41 8-27 | $1^{s},14$ G | |
| 8-30 | 1,09 G | |
| 9-10 | 1,02 G | |
| 9-11 | 1,08 G | |
| 9-19 | 1,13 G | |
| 9-20 | 1,18 G | |
| 43 9-5 | 1,31 G | |
| II. | $20^{h}14^{m}$ | 102°49′ |
| 61 8-28 | $51^{s},03$ G | |

**27991 P. — 4122 A + 40°.**

| Dates 1800 + A. M. J. | Æ | P |
|---|---|---|
| I. | $20^{h}14^{m}$ | 49°21′ |
| 49 7-16 | $39^{s},21$ G | |

**27992 P. — 39168 L.**

| Dates 1800 + A. M. J. | Æ | P |
|---|---|---|
| II. | $20^{h}15^{m}$ | 51°2′ |
| 66 9-15 | $10^{s},81$ G | |
| 10-17 | 10,64 G | $11'',7$ G |

**27993 P. — 39171 L.**

| Dates 1800 + A. M. J. | Æ | P |
|---|---|---|
| III. | $20^{h}15^{m}$ | 81°52′ |
| 72 9-9 | $43^{s},81$ M | $35'',0$ M |
| 74 9-18 [1] | 43,72 M | 36,2 M |
| 75 8-17 | 43,84 M | 35,6 M |
| 8-23 | 43,94 M | 36,1 M |
| 9-7 | 43,85 M | 33,7 M |
| 76 8-10 | 43,93 M | 35,3 M |
| 8-16 | 43,91 M | 36,9 M |

[1] P augmentée de 1′.

**27994 P. — 39136 L.**

| Dates 1800 + A. M. J. | Æ | P |
|---|---|---|
| II. | $20^{h}15^{m}$ | 83°16′ |
| 55 11-2 | $5^{s},55$ G | |
| 62 8-3 | 5,67 G | $18'',1$ G |
| 8-12 | 5,43 G | 18,2 G |

**27995 P. — 39175 L.**

| Dates 1800 + A. M. J. | Æ | P |
|---|---|---|
| III. | $20^{h}15^{m}$ | 81°35′ |
| 74 8-20 | $52^{s},32$ G | $26'',9$ G |
| 75 8-17 | 52,15 G | 27,8 G |

**27996 P. — 39116 L.**

| Dates 1800 + A. M. J. | Æ | P |
|---|---|---|
| II. | $20^{h}15^{m}$ | 108°47′ |
| 54 8-28 | $5^{s},90$ G | |
| 58 9-13 | | $8'',9$ G |
| 10-6 | | 9,9 G |
| III. | $20^{h}15^{m}$ | 108°44′ |
| 78 9-6 | $57^{s},92$ M | $23'',0$ M |

**27997 P. — 39131 L.**

| Dates 1800 + A. M. J. | Æ | P |
|---|---|---|
| II. | $20^{h}15^{m}$ | 95°42′ |
| 55 8-11 | | $27'',8$ G |
| 56 7-6 | $10^{s},56$ G | |
| 7-28 | 10,75 G | |
| 57 7-31 | | 28,3 G |
| 59 7-28 | 10,46 G | 27,3 G |
| III. | $20^{h}15^{m}$ | 95°39′ |
| 74 8-31 | $58^{s},42$ G | $41'',3$ G |

**27998 P. — 371 $W_1$.**

| Dates 1800 + A. M. J. | Æ | P |
|---|---|---|
| II. | $20^{h}15^{m}$ | 74°53′ |
| 58 8-11 | $17^{s},37$ G | |

**27999 P. — 39106-07 L.**

| Dates 1800 + A. M. J. | Æ | P |
|---|---|---|
| II. | $20^{h}15^{m}$ | 117°10′ |
| 54 9-27 | $5^{s},08$ G | |
| 55 9-15 | 5,19 G | |
| 57 6-29 | 5,36 G | $49'',5$ G |
| 58 8-5 | | 48,8 G |

**28000 P. — 39159 L.**

| Dates 1800 + A. M. J. | Æ | P |
|---|---|---|
| III. | $20^{h}16^{m}$ | 67°17′ |
| 81 8-24 | $0^{s},01$ J | $31'',3$ J |

**28001 P. — 39150 L.**

| Dates 1800 + A. M. J. | Æ | P |
|---|---|---|
| II. | $20^{h}15^{m}$ | 76°51′ |
| 57 8-26 | $22^{s},19$ G | |
| 58 9-27 | 22,32 G | $2'',1$ G |
| III. | $20^{h}16^{m}$ | 76°48′ |
| 71 9-12 | $4^{s},43$ G | |

**28002 P. — 39162 L.**

| Dates 1800 + A. M. J. | Æ | P |
|---|---|---|
| III. | $20^{h}16^{m}$ | 67°32′ |
| 80 9-8 [1] | $4^{s},99$ J | $49'',5$ J |
| 81 8-14 | 5,22 J | 49,7 J |

[1] Æ diminuée de $5^{s}$; correction indiquée comme probable par l'observateur.

**28003 P. — 39125 L.**

| Dates 1800 + A. M. J. | Æ | P |
|---|---|---|
| I. | $20^{h}14^{m}$ | 106°16′ |
| 49 9-6 | $26^{s},85$ G | |
| 9-7 | 26,85 G | |
| III. | $20^{h}16^{m}$ | 106°11′ |
| 79 8-2 | $8^{s},57$ M | $17'',5$ M |
| 8-11 | 8,61 M | 17,1 M |

**28004 P. — 39135 L.**

| Dates 1800 + A. M. J. | Æ | P |
|---|---|---|
| I. | $20^{h}14^{m}$ | 100°8′ |
| 40 10-10 | $34^{s},26$ G | |
| 10-14 | 34,43 G | |
| II. | $20^{h}15^{m}$ | 100°5′ |
| 54 9-1 | $23^{s},44$ G | $56'',9$ G |
| 9-2 | 23,42 G | 57,2 G |
| 59 8-23 | 23,50 G | 54,0 G |
| III. | $20^{h}16^{m}$ | 100°3′ |
| 78 8-23 | $12^{s},38$ G | $9'',6$ G |

**28005 P. — 39206 L.**

| Dates 1800 + A. M. J. | Æ | P |
|---|---|---|
| III. | $20^{h}16^{m}$ | 40°57′ |
| 81 9-28 | $13^{s},43$ G | |

**28006 P. — 39198 L.**

| Dates 1800 + A. M. J. | Æ | P |
|---|---|---|
| III. | $20^{h}16^{m}$ | 46°32′ |
| 80 9-3 | $14^{s},87$ G | $25'',4$ G |
| 81 8-5 | 14,98 G | 25,4 G |

**28007 P. — 39174 L.**

| Dates 1800 + A. M. J. | Æ | P |
|---|---|---|
| II. | $20^{h}15^{m}$ | 60°14′ |
| 59 9-1 | $38^{s},44$ G | $17'',3$ G |
| III. | $20^{h}16^{m}$ | 60°11′ |
| 80 9-26 | $15^{s},08$ M | $29'',3$ M |

Dates 1800 + — Positions moyennes pour les époques du Catal.

### 28008 P. — 563 W₂.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 20h 15m | 59°50' |
| 58 | 8- 7 | 39s,36 G | |
| 60 | 9-15[1] | 39,42 G | |
| 61 | 9- 1 | | 34",2 G |

[1] 𝒜 diminuée de 5s : observée avec 39181 L. également erronée de 5s.

### 28009 P. — 367 W₁.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 20h 14m | 100°36' |
| 44 | 8-25 | 41s,77 G | |
| | 8-28 | 41,66 G | |

### 28010 P. — 39181 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 20h 15m | 59°51' |
| 58 | 8- 7 | 49s,32 G | |
| 60 | 9-15[1] | 49,30 G | |
| 61 | 9- 1 | 49,31 G | 15",6 G |
| | 10- 4 | | 15,0 G |

[1] 𝒜 diminuée de 5s (*Voir* 28008 P.).

### 28011 P. — 5645 Sf. — 15°.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 20h 16m | 105°10' |
| 68 | 8-12 | 25s,83 M | 22",6 M |

### 28012 P. — 39140 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 20h 14m | 104°44' |
| 40 | 8-16 | 45s,82 G | |
| | 9-12 | 45,77 G | |
| 41 | 8-13[1] | 45,74 G | |
| | 8-22 | 45,75 G | |
| | 8-24 | 45,72 G | |
| | II. | 20h 15m | 104°42' |
| 54 | 9- 3 | 35s,90 G | 8",4 G |
| 59 | 7-23 | 36,25 G | |
| | III. | 20h 16m | 104°39' |
| 77 | 7-30 | 26s,81 G | |
| | 8- 2 | 26,75 G | |
| | 8-13 | 26,80 M | 18",8 M |
| | 8-14 | 26,73 M | 19,2 M |
| | 8-17 | 26,65 M | 18,6 M |
| | 9-13 | 26,72 M | 20,2 M |

[1] Erreur de 1° dans la déclinaison approchée inscrite : le cahier porte ★ $h = 26°27'$.

### 28013 P. — 39169 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 20h 15m | 75°31' |
| 57 | 9- 6 | 47s,98 G | 58",1 G |
| 58 | 7-21 | | 59,0 G |

### 28013 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 20h 16m | 75°29' |
| 71 | 9- 5 | 29s,80 G | |
| 74 | 9-14 | 29,84 M | 11",7 M |
| 75 | 8-20 | 29,88 M | 11,4 M |
| 76 | 8- 8 | 29,95 M | 10,9 M |
| | 8-25 | 29,87 M | 11,3 M |

### 28014 P. — 39199 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 20h 16m | 51°21' |
| 68 | 7-30 | 33s,74 G | |
| 74 | 8-26 | 33,78 M | 52",7 M |
| | 9-14 | 33,76 G | 51,3 G |
| | 9-19 | 33,90 G | 51,4 G |

### 28015 P. — 39155 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 20h 15m | 94°15' |
| 55 | 8-16 | | 27",2 G |
| | 9-26 | 47s,14 G | 28,1 G |
| | III. | 20h 16m | 94°12' |
| 69 | 9- 1 | 34s,71 M | 37",8 M |
| 76 | 9-19 | 34,36 G | 39,4 G |
| | 9-21 | 34,25 G | 38,3 G |
| 78 | 9-20 | 34,42 G | |

### 28016 P. — 39190 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 20h 15m | 58°7' |
| 67 | 8-24 | 58s,97 G | 48",8 G |
| | III. | 20h 16m | 58°5' |
| 80 | 9- 6 | 34s,75 M | 0",1 M |

### 28017 P. — 39148 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 20h 15m | 104°27' |
| 54 | 9- 5 | 46s,21 G | |
| | 9-18 | 45,94 G | 57",1 G |
| | 9-19 | 45,98 G | |
| | III. | 20h 16m | 104°25' |
| 78 | 8-31 | 36s,41 M | 10",2 M |

### 28018 P. — 39180 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 20h 15m | 67°39' |
| 58 | 10- 2 | | 29",6 G |
| 60 | 9-12 | 59s,94 G | 29,2 G |
| | III. | 20h 16m | 67°36' |
| 79 | 9- 3 | 38s,90 J | 39",5 J |

### 28019 P. — 39193 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 20h 16m | 57°56' |
| 80 | 8-30 | 39s,17 J | 32",5 J |
| | 8-31 | 39,12 J | 32,8 J |

### 28020 P. — 39185 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 20h 15m | 66°2' |
| 39 | 8-21 | 23s,60 G | |
| | 8-23 | 23,58 G | 39",9 F |
| | 8-24 | 23,76 G | |
| | 9-18 | 23,61 G | |
| 40 | 8-17 | 23,70 G | 41,2 F |
| | 8-20 | 23,63 G | |
| | 8-29 | 23,66 G | |
| | 8-30 | 23,61 G | |
| | 9-21 | 23,63 G | |
| | 10- 6 | 23,63 G | 40,3 F |
| | 10-30[1] | 23,28 G | |
| 41 | 9-13 | 23,66 G | |
| | 9-29 | 23,74 G | |
| 46 | 7-20 | 23,58 G | |
| | 8-17 | 23,67 G | 40,0 G |
| | 8-21 | | 39,3 G |
| 47 | 10- 3 | | 39,7 G |
| | 11- 1 | | 41,6 G |
| 48 | 8- 2 | 23,60 G | |
| 53 | 9- 9 | 23,69 G | |
| | II. | 20h 16m | 65°59' |
| 58 | 9-16 | 2s,20 G | 53",7 G |
| | III. | 20h 16m | 65°57' |
| 71 | 9-20 | 41s,13 G | 4",7 G |

[1] 𝒜 non comprise dans la moyenne.

### 28021 P. — 39217 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 20h 16m | 47°1' |
| 80 | 9- 6 | 45s,20 G | 8",9 G |

### 28022 P. — 11195 Cambridge.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 20h 16m | 61°21' |
| 59 | 9-16 | 10s,88 G | |

### 28023 P. — 39179 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 20h 16m | 77°6' |
| 58 | 10- 9 | 9s,64 G | 13",8 G |
| 59 | 7-25 | 9,29 G | |
| | III. | 20h 16m | 77°3' |
| 71 | 8-13 | 51s,65 G | 25",4 G |
| 79 | 9-18 | 51,63 J | 25,9 J |
| | 9-30 | 51,49 J | 26,8 J |

### 28024 P. — 39194 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 20h 16m | 64°6' |
| 58 | 8- 8 | 14s,27 G | |
| | 11-11 | 14,20 G | |
| 59 | 7-25 | | 22",5 G |
| | III. | 20h 16m | 64°3' |
| 79 | 8-12 | 52s,05 G | 34",6 G |

### 28025 P. — 39160 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 20h 15m | 101°9' |
| 43 | 8-11 | 14s,37 G | |
| | II. | 20h 16m | 101°7' |
| 54 | 9-26 | | 7",5 G |
| | III. | 20h 16m | 101°4' |
| 78 | 8-24 | 52s,97 G | 16",6 G |
| 79 | 8- 2 | 53,14 J | 16,8 J |

### 28026 P. — 39208 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 20h 16m | 90°53' |
| 58 | 8-12[1] | 7s,10 G | 52",8 G |
| | 9- 9 | | 53,6 F |
| | 9-11 | | 57,5 F |
| | III. | 20h 16m | 90°51' |
| 76 | 7-26 | 53s,62 G | 4",6 G |
| | 8-12 | 53,30 G | 6,4 G |
| | 8-17 | 53,43 G | 5,8 G |

[1] 𝒫 dim de 20" : erreur de réduction.

### 28027 P. — 20422 A.O.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 20h 16m | 25°37' |
| 43 | 9-10 | | 5",9 F |

### 28028 P. — 39167 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 20h 16m | 113°55' |
| 55 | 8-10[1] | 2s,05 G | |
| | 9- 7 | | 20",9 G |
| | 9-27 | 2,05 G | |
| 59 | 7-17 | | 22,4 G |
| | III. | 20h 16m | 113°52' |
| 79 | 8-11 | 55s,33 J | 34",0 J |

[1] Indiquée à tort comme 39106 L. (dist. des fils). 𝒜 aug. de 1m : erreur de transcr.

Dates 1800+ — Positions moyennes pour les époques du Catal.

**28029 P. — 39183 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 16m | 77°6′ |
| 58 10-9 | 14s,66 G | |
| 59 7-25 | 14,27 G | |

**28030 P. — 39203-04 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 16m | 61°36′ |
| 59 9-24 | 20s,86 G | 15″,9 G |
| | III. | |
| | 20h 16m | 61°33′ |
| 71 9-17 | 57s,91 G | 26″,4 G |
| 74 9-12 | 58,27 M | 27,5 M |
| 75 8-16 | 58,22 M | 26,2 M |
| 9-1 | 58,23 M | 27,2 M |
| 9-17 | 58,32 M | 26,9 M |
| 76 8-7 | 58,37 M | 26,0 M |
| 8-17 | 58,21 M | 27,4 M |
| 8-24 | 58,31 M | 25,7 M |

**28031 P. — 39176 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 20h 15m | 85°8′ |
| 41 9-11 | | 52″,2 F |
| | II. | |
| | 20h 16m | 85°6′ |
| 56 7-22 | 14s,29 G | |
| 57 7-12 | 14,52 G | |
| 58 9-13 | 14,26 G | 6″,7 G |
| 62 9-11 | 14,32 G | 7,6 G |
| | III. | |
| | 20h 16m | 85°3′ |
| 73 9-23 | 59s,00 G | |
| 9-25 | 59,07 G | |

**28032 P. — 386 W$_1$.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 16m | 95°42′ |
| 59 7-28 | 11s,55 G | |

**28033 P. — 14101 Bonn.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 20h 17m | 49°12′ |
| 80 8-26 | 0s,74 J | 10″,1 J |

**28034 P. — 39154 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 16m | 112°29′ |
| 55 8-30 | 8s,24 G | |
| 58 8-4 | | 49″,0 G |
| | III. | |
| | 20h 17m | 112°27′ |
| 79 8-20 | 0s,93 J | 2″,1 J |

**28035 P. — 11201 Cambridge.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 16m | 61°36′ |
| 59 9-24 | 24s,51 G | |

**28036 P. — 589 W$_2$.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 16m | 68°5′ |
| 58 11-4 | 22s,53 G | |

**28037 P. — 39188 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 16m | 75°53′ |
| 56 9-8 | 20s,31 G | 40″,9 G |
| 58 8-31 | 20,46 G | |
| 9-18 | | 39,6 G |

**28038 P. — 20467 A.O.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 20h 17m | 105°23′ |
| 68 8-13 | 2s,42 M | 8″,3 M |
| 80 8-11 | 2,54 M | 8,6 M |
| 9-9 [1] | 2,46 M | 5,7 M |
| 81 9-17 | 2,40 M | 7,9 M |
| 9-19 | 2,25 G | |

[1] 𝒜 diminuée de 0s,64 : erreur de 1s en passant du fil III au fil IV ; l'observateur a, en outre, arbitrairement augmenté le dernier fil de 1s.

**28039 P. — 39182 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 16m | 81°59′ |
| 56 8-31 | 19s,13 G | |
| 57 8-22 | 19,54 G | 13″,9 G |
| 59 8-13 | 19,40 G | 13,9 G |

**28040 P. — 39153 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 16m | 116°16′ |
| 55 7-30 | 11s,52 G | |
| 9-25 [1] | | 53″,5 G |
| 59 10-17 | | 52,2 G |
| | III. | |
| | 20h 17m | 116°14′ |
| 79 8-26 | 5s,93 J | 4″,1 J |
| 8-30 | 5,83 J | 3,0 J |
| 9-1 | 5,91 J | 5,4 J |
| 9-2 | 5,96 J | 5,5 J |

[1] 𝒟 diminuée de 5′.

**28041 P. — 39260 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 20h 17m | 36°48′ |
| 81 8-24 | 11s,46 G | 1″,4 G |

**28042 P. — 39212-13 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 16m | 61°21′ |
| 59 9-16 | 34s,47 G | 20″,7 G |
| | III. | |
| | 20h 17m | 61°18′ |
| 71 9-18 [1] | 11s,56 M | 31″,8 M |
| 9-18 | | 31,9 G |

[1] 𝒜 augmentée de 5m.

**28043 P. — 39219 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 20h 17m | 91°28′ |
| 76 8-31 | 11s,88 G | 11″,0 G |
| 9-23 | 11,93 G | 10,4 G |

**28044 P. — 39191 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 16m | 80°28′ |
| 57 10-6 | 31s,07 G | 36″,2 G |
| 10-12 | 31,24 G | 38,0 G |
| 59 9-3 | | 38,8 G |

**28045 P. — 39170 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 20h 15m | 104°36′ |
| 41 10-12 | 34s,22 G | |
| 10-15 | 34,29 G | |
| | II. | |
| | 20h 16m | 104°33′ |
| 54 9-6 | 24s,66 G | |
| 9-29 | 24,66 G | |
| 58 9-9 | 24,73 G | 40″,6 G |
| 9-27 | | 40,2 F |

**28046 P. — 4263 A + 10°.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 20h 17m | 79°23′ |
| 71 9-11 | 15s,26 G | |

**28047 P. — 39211 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 16m | 61°8′ |
| 58 8-8 | 37s,39 G | 49″,5 G |
| 11-11 | 37,38 G | 50,4 G |
| 59 7-25 | | 48,9 G |

**28048 P. — 39209 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 16m | 66°22′ |
| 59 7-26 | 38s,15 G | |
| | III. | |
| | 20h 17m | 66°19′ |
| 74 9-1 | 16s,95 M | 13″,7 M |

**28049 P. — 39195 à 97 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 16m | 79°21′ |
| 56 9-19 | 34s,65 G | |
| 9-20 | 34,64 G | |
| 57 9-1 | | 39″,8 G |
| 10-3 | | 40,1 G |
| 58 7-16 | 34,85 G | 41,9 F |
| 62 9-13 | | 39,9 G |
| | III. | |
| | 20h 17m | 79°18′ |
| 71 9-3 | 17s,69 G | |
| 9-15 [1] | 17,74 M | 50″,5 M |

[1] 𝒜 dimin. de 0s,40 : —0s,33 provenant d'une erreur de 1s sur deux fils et —0s,07 d'une err. de réduct.

**28050 P. — 4037 A + 38°.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 16m | 51°9′ |
| 67 8-5 | | 43″,6 G |

**28051 P. — 3212 Gr.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 20h 21m | 5°47′ |
| 43 9-8 | 17s,32 G | |
| 9-10 | 18,05 G | 44″,4 F |
| 52 11-18 | | 42,8 F |
| 53 10-12 | 17,64 G | |
| 10-13 | 17,95 G | |
| 10-14 | 17,65 G | |
| 10-15 | 17,51 G | |
| 10-23 | 17,85 G | |

**28052 P. — 39172 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 20h 15m | 107°30′ |
| 40 8-28 | 42s,57 G | |
| 8-29 | | 20″,8 F |
| 8-30 | | 22,1 F |
| | II. | |
| | 20h 16m | 107°27′ |
| 54 9-8 | 33s,86 G | |
| 59 9-10 | 33,74 G | 32″,4 G |
| | III. | |
| | 20h 17m | 107°24′ |
| 78 9-21 | 25s,05 M | 43″,1 M |

**28053 P. — 400 W$_1$.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 16m | 80°1′ |
| 57 10-2 | 42s,36 G | |
| 10-15 | 42,32 G | |

**28054 P. — 3996 A + 23°.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 20h 17m | 66°20′ |
| 79 9-11 | 26s,21 J | 57″,0 J |

Dates 1800+ — Positions moyennes pour les époques du Catal.

**28055 P. — 39201-02 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h16m | 80°5' |
| 57 10- 2 | 43s,37G | 4",7G |
| 10-15 | 43,51G | 6,7G |

**28056 P. — 39192 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h16m | 89°55' |
| 58 8-20 | 43s,21G | 31",5G |
| 9- 8 | 43,43G | 32,0G |
| 59 10- 6 | 43,35G | |

**28057 P. — 24257 Mn1.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 20h17m | 79°20' |
| 71 9-15 | 30s,60G | 15",7G |

**28058 P. — 71 Dragon.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 20h17m | 28°14' |
| 46 7-22 | 0s,69G | 0",8G |
| 48 8-12 | | 0,2G |

**28059 P. — 10202 Mn2.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h16m | 80°21' |
| 57 10-12 | 48s,91G | |

**28060 P. — 39232 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 20h17m | 59°8' |
| 79 7-31 | | 1",4G |
| 9- 1 | 35s,64G | 1,0G |
| 9- 2 | 35,59G | 0,1G |
| 9- 4 | 35,42G | 2,0G |

**28061 P. — 39243 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 20h17m | 52°18' |
| 80 8-27 | 36s,05J | 4",8J |
| 9- 2 | 36,29J | 4,6J |

**28062 P. — 39251 et 53 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 20h16m | 49°21' |
| 49 7-16 | 33s,85G | |
| II. | 20h17m | 49°18' |
| 66 8-23 | 5s,66G | |
| III. | 20h17m | 49°15' |
| 80 8-20 | 37s,64G | 57",0G |
| 10- 1 | 37,48G | 59,4G |

**28063 P. — 39254 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h16m | 83°49' |
| 61 8-12 | 55s,75G | |
| III. | 20h17m | 83°46' |
| 79 9-17 | 39s,56G | 35",0G |
| 80 9- 3 | 39,88M | 35,0M |

**28064 P. — 39225 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h17m | 66°9' |
| 58 8-30 | 1s,87G | 45",6G |
| 9-10 | 1,97G | 45,6G |

**28065 P. — 39244 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 20h17m | 55°24' |
| 80 9-13 | 42s,99J | 29",0J |
| 81 9-15 | 42,79J | 29,4J |

**28066 P. — 404 W1.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h16m | 91°0' |
| 58 8-12[1] | 56s,58G | |

[1] 𝒜 diminuée de 0s,20 : l'observateur ayant augmenté à tort un fil de 1s.

**28067 P. — 39257 L.**

37 γ Cygne.

Étoile fondamentale.

**28068 P. — 24275 Mn1.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h16m | 91°28' |
| 58 7-30 | | 54",3G |

**28069 P. — 39241 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 20h17m | 58°51' |
| 81 9-15 | 45s,32M | 3",4M |

**28070 P. — 39284 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 20h17m | 37°59' |
| 81 7-27 | 46s,58G | 12",2G |

**28071 P. — 39173 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h16m | 119°6' |
| 58 8-19 | 52s,09G | 51",6G |

**28072 P. — 39231 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h17m | 66°24' |
| 59 7-26 | 9s,37G | 36",3G |
| 8-12 | 9,41G | |
| III. | 20h17m | 66°21' |
| 74 8-13 | 48s,21M | 48",7M |

**28073 P. — 15000 T — 26.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 20h17m | 116°16' |
| 70 7-20 | 50s,68M | 43",6M |

**28074 P. — 39186-87 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 20h16m | 109°55' |
| 41 8-27 | 7s,08G | |
| 8-28 | 7,15G | |
| 8-30 | 7,20G | |
| 9-10 | 7,17G | |
| 9-11 | 7,17G | |
| 9-19 | 7,21G | |
| 9-20 | 7,15G | |
| 9-21 | 7,21G | |
| II. | 20h16m | 109°53' |
| 57 7-11 | 59s,44G | |
| 58 8- 5 | | 1",2G |
| 8-15 | | 2,4G |
| III. | 20h17m | 109°50' |
| 79 9-20 | 51s,37J | 13",2J |

**28075 P. — 412 W1.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h17m | 83°47' |
| 61 8-12 | 7s,24G | |

**28076 P. — 39205 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h17m | 99°13' |
| 55 8-13 | 10s,00G | |
| 56 7-28 | | 7",6G |
| III. | 20h17m | 99°10' |
| 74 8-26 | 58s,76G | 17",7G |
| 8-31 | 58,80G | 19,0G |
| 79 7-30 | 58,74J | 18,9J |

**28077 P. — 39273-74 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 20h18m | 44°36' |
| 80 9- 2 | 0s,52G | 19",8G |

**28078 P. — 39207 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h17m | 98°3' |
| 59 8- 7 | 13s,79G | 26",4G |
| III. | 20h18m | 98°0' |
| 79 8-22 | 2s,17J | |

**28079 P. — 24296 Mn1.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h17m | 91°27' |
| 57 8- 9 | 16s,95G | |
| 10-16 | 16,60G | 18",0G |
| III. | 20h18m | 91°24' |
| 69 8-25 | 3s,35M | 27",5M |
| 80 8-31 | 3,50M | 27,2M |
| 9- 2 | 3,36M | 28,8M |

**28080 P. — 39215 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h17m | 95°2' |
| 58 9-26 | 17s,95G | 1",8G |
| III. | 20h18m | 94°59' |
| 78 9- 5 | 5s,57J | 12",4J |
| 9-19 | 5,27G | 12,7G |

**28081 P. — 39269 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h17m | 53°0' |
| 58 10- 1[1] | 35s,20G | |
| III. | 20h18m | 52°57' |
| 81 9-17 | 8s,73J | 52",9J |
| 9-18 | 8,83J | 52,6J |

[1] Erreur de 3° dans la déclinaison approchée indiquée (dist. des fils).

**28082 P. — 39258 et 75 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h17m | 61°38' |
| 58 9-14 | 32s,03G | 42",4G |
| 9-19 | | 40,9G |
| 59 7-31 | 32,14G | |
| III. | 20h18m | 61°35' |
| 80 9- 9 | 9s,33J | 51",6J |
| 81 8- 6 | 9,25J | 51,7J |

**28083 P. — 39239 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h17m | 74°24' |
| 59 9-18 | 27s,81G | |

Dates 1800+ — Positions moyennes pour les époques du Catal.

### 28084 P. — 39265 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 17m | 91° 59′ |
| 58 9-11 | | 33″,7 F |
| III. | 20h 18m | 91° 56′ |
| 76 8-25 | 13s,38 G | 39″,8 G |
| 9- 5 | | 39,3 G |
| 9-22 | 13,29 G | 40,0 G |

### 28085 P. — 39238 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 17m | 79° 13′ |
| 57 10-13 | | 37″,9 G |
| 58 7-12 | | 36,8 G |
| 7-17 | 32s,06 G | |
| 8-16 | 32,00 G | 37,6 G |
| 8-24 | 32,12 G | 37,7 G |
| 60 8- 6 | 32,02 G | 38,8 G |
| 8- 9 | 31,96 G | 39,2 G |
| 9- 6 | 31,93 G | 37,0 G |
| 9- 9 | 31,77 G | |
| 62 8-13 | 32,13 G | 37,8 G |
| 9-13 | 32,28 G | |
| 9-17 | 32,04 G | 38,3 G |
| 9-18 | 31,90 G | 38,6 G |
| 9-19 | 32,10 G | 37,7 G |
| 9-20 | 32,05 G | 38,3 G |
| 9-22 | 32,10 G | 38,1 G |

### 28086 P. — 39214 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h 16m | 102° 12′ |
| 40 10-10 [1] | 35s,71 G | |
| 10-14 [1] | 35,78 G | |
| II. | 20h 17m | 102° 9′ |
| 54 9- 7 | 25s,41 G | |
| 9-21 | 25,34 G | 17″,7 G |
| III. | 20h 18m | 102° 6′ |
| 79 8-25 | 15s,14 J | 27″,3 J |

[1] Erreur de 1° dans la déclin. approchée inscrite. Le cahier porte ★ $h = 28° 58′$.

### 28087 P. — 39222, 24 et 28 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 17m | 89° 22′ |
| 56 7-29 | | 55″,1 G |
| 10- 5 | 29s,44 G | 55,9 G |
| 57 9- 9 | 29,45 G | 55,0 G |
| III. | 20h 18m | 89° 20′ |
| 71 8- 1 | 15s,28 M | 4″,0 M |
| 79 7-31 | 15,25 J | 3,9 J |
| 8- 1 | 15,49 J | 3,8 J |

### 28088 P. — 39210 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h 16m | 105° 18′ |
| 40 8-20 | | 59″,9 F |
| II. | 20h 17m | 105° 16′ |
| 54 9-11 | 27s,28 G | |
| 58 9-12 [1] | | 12″,3 G |
| 10- 6 | | 11,7 G |
| III. | 20h 18m | 105° 13′ |
| 68 8-12 | 17s,76 M | 21″,0 M |
| 77 7-30 | 17,76 G | |
| 8- 2 | 17,80 G | |
| 8-23 | 17,75 M | 19,8 M |
| 8-28 | 17,73 M | 20,2 M |
| 9-10 | 17,73 M | 20,6 M |
| 9-12 | 17,81 M | 21,4 M |
| 9-29 | 17,72 M | 19,7 M |
| 10- 1 | 17,65 M | 20,6 M |

[1] 𝒫 diminuée de 3″,5 : erreur de transcr.

### 28089 P. — 39262 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h 18m | 58° 53′ |
| 81 8-18 | 18s,71 J | 23″,5 J |
| 9- 4 | 18,80 J | 24,2 J |

### 28090 P. — 39279 et 82 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 17m | 49° 25′ |
| 67 9-12 | 47s,23 M | 11″,0 M |
| III. | 20h 18m | 49° 22′ |
| 79 9- 7 | 19s,13 G | 22″,8 G |

### 28091 P. — 39223, 29 et 30 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 17m | 89° 4′ |
| 57 9-29 | 34s,83 G | |
| 58 7-13 | | 51″,1 G |
| 8-28 | | 52,1 F |
| 9-15 | 34,54 G | 51,7 G |
| 59 7-21 | 34,38 G | |
| III. | 20h 18m | 89° 1′ |
| 71 9-20 | 20s,21 M | 61″,0 M |
| 74 9-15 | 20,34 M | 61,1 M |
| 75 8-10 | 20,14 M | 61,3 M |
| 8-23 | 20,21 G | 61,5 G |
| 9- 7 | 20,26 M | 59,2 M |
| 76 8-10 | 20,40 M | 60,6 M |

### 28092 P. — 39236-37 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 17m | 84° 56′ |
| 58 9- 5 | 37s,04 G | 24″,7 G |
| III. | 20h 18m | 84° 53′ |
| 79 10- 4 | 21s,51 J | 35″,4 J |

### 28093 P. — 8824 Brux.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 17m | 77° 4′ |
| 59 7-25 | 41s,77 G | |

### 28094 P. — 39252 L

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 17m | 77° 26′ |
| 58 7-17 | | 23″,6 G |
| 9-11 | | 24,3 G |
| 10- 3 | 47s,42 G | 23,0 G |
| III. | 20h 18m | 77° 23′ |
| 71 7-28 | 29s,78 G | |
| 8- 9 | 29,91 G | 33″,9 G |
| 8-12 | 30,06 G | 33,9 G |
| 8-19 | 29,79 G | |
| 9-12 | 30,07 G | |

### 28095 P. — 7676 Berlin B.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h 17m | 67° 30′ |
| 40 9-21 | 13s,67 G | |

### 28096 P. — 39250 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 17m | 81° 51′ |
| 57 8-17 | 50s,17 G | 10″,3 G |
| 9- 1 | 50,52 G | |
| III. | 20h 18m | 81° 48′ |
| 80 8- 9 | 34s,14 M | 20″,0 M |

### 28097 P. — 39300-01 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h 18m | 47° 25′ |
| 80 9- 1 [1] | 37s,17 G | |
| 9-29 | 37,23 G | 7″,6 G |

[1] 𝒜 augmentée de 0s,40 : erreur de 1s sur deux fils.

### 28098 P. — 433 W₁.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h 17m | 73° 36′ |
| 40 9-12 | 15s,08 G | |

### 28099 P. — 39296 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h 18m | 49° 36′ |
| 81 9-15 | 39s,31 G | 4″,7 G |

### 28100 P. — 39283 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h 17m | 58° 49′ |
| 41 9-13 | 28s,09 G | |
| III. | 20h 18m | 58° 43′ |
| 81 8-21 | 40s,29 J | 27″,9 J |
| 8-22 | 40,43 J | 28,0 J |

### 28101 P. — 39221 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h 17m | 108° 58′ |
| 40 8-16 | 0s,21 G | |
| II. | 20h 17m | 108° 56′ |
| 54 8-24 | 51s,86 G | |
| 8-25 | 52,01 G | |
| III. | 20h 18m | 108° 53′ |
| 78 9-12 | 43s,61 M | 17″,3 M |
| 9-20 | 43,67 M | 17,1 M |

### 28102 P. — 39218 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 17m | 115° 23′ |
| 55 7-13 [1] | 53s,12 G | |
| 61 8-28 | 53,22 G | |
| 10-10 | 53,20 G | 57″,4 G |
| III. | 20h 18m | 115° 21′ |
| 81 9-29 | 47s,07 M | 7″,5 M |

[1] 𝒜 diminuée de 1m.

### 28103 P. — 39270 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 18m | 74° 18′ |
| 57 8-26 | 8s,84 G | |
| 58 7-21 | | 24″,9 G |
| 59 8-16 | 9,01 G | 23,9 G |
| 9-18 | 8,68 G | 24,9 G |

### 28104 P. — 39292 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h 17m | 58° 18′ |
| 37 7-29 | 40s,17 G | 25″,5 F |
| 39 9- 8 | 40,23 G | |
| 41 8-13 | 40,30 G | |
| 46 8-17 | 40,32 G | |
| 8-26 | 40,27 G | |
| 11-11 | 40,12 G | 23,5 G |
| II. | 20h 18m | 58° 15′ |
| 66 9-15 | 16s,20 G | |
| III. | 20h 18m | 58° 12′ |
| 80 9- 8 | 52s,20 J | 45″,0 J |
| 81 8-14 | 52,14 J | 44,6 J |

| Dates 1800 + A. | M. J. | Positions moyennes pour les époques du Catal. Æ. | 𝒫. |
|---|---|---|---|

**28105 P. — 438 W₁.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | I. | $20^h 17^m$ | 87°20' |
| 49 | 9-25 | $24^s,50$ G | |

**28106 P. — 39242 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | II. | $20^h 18^m$ | 105°9' |
| 54 | 8-27 [1] | $8^s,56$ G | 25",0 G |
| 58 | 11-1 [2] | | 33,7 G |
| | III. | $20^h 18^m$ | 105°6' |
| 81 | 9-19 | $59^s,31$ M | 43",0 M |
| | 9-30 | 59,30 M | 43,4 M |

[1] 𝒫 non comprise dans la moy. : notée douteuse.
[2] Erreur dans l'ascens. droite approchée inscrite. L'observation a été faite entre les passages de β et ρ Capricorne.

**28107 P. — 39293-94 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | II. | $20^h 18^m$ | 61°26' |
| 58 | 9-19 | $22^s,54$ G | |
| | 10-2 | 22,48 G | 60",5 G |
| 59 | 9-16 | 22,42 G | 59,6 G |
| | III. | $20^h 18^m$ | 61°24' |
| 71 | 8-26 | $59^s,39$ G | |
| 74 | 9-24 | 59,51 M | 9",1 M |
| 75 | 8-17 | 59,58 M | 7,7 M |
| | 8-20 | 59,62 M | 9,6 M |
| | 9-17 | 59,64 M | 9,4 M |
| 76 | 8-8 | 59,62 M | 7,2 M |

**28108 P. — 39287 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | II. | $20^h 18^m$ | 66°10' |
| 58 | 8-30 | $23^s,59$ G | |
| | 11-12 | | 24",6 G |
| | III. | $20^h 19^m$ | 66°7' |
| 81 | 7-27 | $2^s,44$ M | 33",7 M |
| | 8-22 | 2,40 M | 34,6 M |

**28109 P. — 39247-48 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | II. | $20^h 18^m$ | 105°25' |
| 54 | 8-29 | $12^s,36$ G | |
| | 8-30 | 12,51 G | 59",0 G |
| | III. | $20^h 19^m$ | 105°23' |
| 68 | 8-13 | $2^s,97$ M | 9",1 M |
| 77 | 8-17 | 3,17 M | 7,0 M |
| | 9-27 | 3,20 M | 9,1 M |
| | 9-28 | 3,28 M | 9,2 M |
| | 10-5 | 3,35 M | 8,9 M |

**28110 P. — 39325 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | III. | $20^h 19^m$ | 44°45' |
| 81 | 8-2 | $3^s,46$ G | 42",5 G |

**28111 P. — 39313 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | III. | $20^h 19^m$ | 52°55' |
| 80 | 8-30 | $3^s,85$ J | 33",1 J |

**28112 P. — 39314 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | II. | $20^h 18^m$ | 53°25' |
| 67 | 8-24 [1] | $31^s,90$ G | 26",9 G |
| | III. | $20^h 19^m$ | 53°22' |
| 79 | 9-24 | $5^s,51$ G | 34",1 G |

[1] Æ diminuée de $1^m$.

**28113 P. — 659 W₂.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | II. | $20^h 18^m$ | 66°55' |
| 58 | 8-28 [1] | $30^s,37$ G | |

[1] Erreur de 2°30' dans la déclinaison approchée (dist. des fils) : le cahier-minute porte ★ $h+66°50'$, l'observat. ayant confondu la distance polaire avec la hauteur.

**28114 P. — 39277-78 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | II. | $20^h 18^m$ | 77°3' |
| 58 | 8-11 | $27^s,59$ G | 56",2 G |
| | 9-27 | 27,52 G | 57,1 G |
| | III. | $20^h 19^m$ | 77°1' |
| 71 | 8-27 | $9^s,82$ G | 4",6 G |
| | 9-14 | 10,04 G | |

**28115 P. — 39245-46 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | I. | $20^h 17^m$ | 109°39' |
| 49 | 9-15 | $26^s,28$ G | |
| | II. | $20^h 18^m$ | 109°36' |
| 54 | 8-28 | $17^s,96$ G | 31",0 G |
| | III. | $20^h 19^m$ | 109°33' |
| 79 | 9-4 | $10^s,09$ J | 30",4 J |

**28116 P. — 39249 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | II. | $20^h 18^m$ | 108°49' |
| 54 | 9-1 | $22^s,02$ G | |
| | 9-30 | | 13",7 G |
| 59 | 7-17 | | 15,7 G |
| | III. | $20^h 19^m$ | 108°46' |
| 78 | 10-3 | $13^s,63$ M | 24",6 M |

**28117 P. — 39276 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | II. | $20^h 18^m$ | 83°48' |
| 57 | 7-23 | $32^s,17$ G | |
| | 8-6 | 32,21 G | 38",0 G |
| 60 | 9-19 | 32,09 G | 40,2 G |
| | 9-19 | | 38,2 F |
| 61 | 8-12 | 32,43 G | |
| | 10-16 | 32,15 G | 40,1 G |

**28118 P. — 39305 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | II. | $20^h 18^m$ | 64°32' |
| 59 | 8-22 | $39^s,50$ G | 7",0 G |
| | III. | $20^h 19^m$ | 64°29' |
| 71 | 9-20 | $17^s,69$ G | 15",6 G |

**28119 P. — 450 W₁.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | II. | $20^h 18^m$ | 98°11' |
| 61 | 9-7 | $29^s,18$ G | 18",2 G |
| | 9-11 | 29,39 G | |
| | 9-12 | | 18,7 G |

**28120 P. — 125 Piazzi.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | III. | $20^h 19^m$ | 104°16' |
| 77 | 8-27 | $18^s,58$ M | 8",9 M |
| | 9-11 | 18,53 M | 8,1 M |
| | 9-13 | 18,73 M | 8,2 M |
| | 10-4 | 18,71 M | 9,6 M |

**28121 P. — 39280 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | III. | $20^h 19^m$ | 82°31' |
| 73 | 9-8 | $18^s,76$ M | 47",1 M |
| 74 | 9-12 | 18,69 G | 46,4 G |
| 75 | 8-11 | 18,69 G | 47,8 G |

**28122 P. — 39261 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | II. | $20^h 18^m$ | 102°40' |
| 54 | 9-4 | $33^s,68$ G | 13",3 G |

**28122 P. (suite).**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | III. | $20^h 19^m$ | 102°37' |
| 79 | 9-3 [1] | $23^s,62$ J | 22",2 J |

[1] Æ diminuée de $5^s$.

**28123 P. — 20498-99 A.O.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | I. | $20^h 17^m$ | 107°52' |
| 41 | 10-12 | $41^s,72$ G | |
| | 10-15 | 41,80 G | |

**28124 P. — 39271 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | II. | $20^h 18^m$ | 94°19' |
| 56 | 8-24 | $40^s,81$ G | 4",0 G |
| | III. | $20^h 19^m$ | 94°16' |
| 68 | 10-12 | $28^s,14$ M | 13",4 M |
| 69 | 8-23 | 28,02 M | 15,3 M |
| | 9-1 | 27,84 M | 14,5 M |
| 76 | 7-26 | 28,20 G | 13,7 G |
| | 8-8 | 28,08 G | 13,6 G |
| | 8-9 | 27,98 G | 13,1 G |

**28125 P. — 4166 A + 39°.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | I. | $20^h 18^m$ | 50°57' |
| 41 | 8-27 | | 26",7 F |

**28126 P. — 39315 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | II. | $20^h 18^m$ | 64°19' |
| 58 | 8-28 | | 30",7 G |
| | 9-16 | $52^s,01$ G | 28,1 G |
| 59 | 8-22 | 52,21 G | |

**28127 P. — 2636 Br.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | I. | $20^h 19^m$ | 21°36' |
| 46 | 8-14 | $22^s,88$ G | |
| | 9-25 | | 55",7 G |
| 48 | 8-9 | | 55,7 G |
| 49 | 8-11 | | 53,3 G |
| | 8-21 | 23,13 G | |
| | 9-18 | 22,97 G | |
| | 9-28 | 23,24 G | |
| 50 | 7-24 | | 55,6 G |

**28128 P. — 39272 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | II. | $20^h 18^m$ | 96°20' |
| 55 | 9-26 | $44^s,74$ G | 0",8 G |
| | III. | $20^h 19^m$ | 96°17' |
| 79 | 9-30 | $32^s,70$ J | 7",6 J |

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. Æ. | 𝔓. |
|---|---|---|

**28129 P. — 14163 Bonn.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| II. | 20h 19m | 50° 6′ |
| 58 9-17[1] | 1s,71 G | |

[1] Æ diminuée de 10s : erreur de moy.

**28130 P. — 39320-21 L.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| III. | 20h 19m | 61° 52′ |
| 74 9- 1 | 34s,17 M | 45″,8 M |
| 79 9-18 | 34,20 G | 44,5 G |
| 9-20 | 34,13 G | 41,6 G |

**28131 P. — 39259 L.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| II. | 20h 18m | 111° 15′ |
| 54 9-27 | 41s,84 G | |
| 55 9-15 | 42,08 G | |
| 58 8-27 | | 43″,3 F |
| 61 10- 2 | | 44,9 G |
| 62 8-12 | 42,23 G | 44,6 G |

**28132 P. — 39340 L.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| III. | 20h 19m | 43° 52′ |
| 80 8-30 | 37s,68 G | 29″,7 G |
| 9- 6 | 37,76 G | 30,7 G |

**28133 P. — 24419 Mn1.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| II. | 20h 18m | 81° 34′ |
| 57 7- 5 | 55s,57 G | |

**28134 P. — 39317 L.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| II. | 20h 18m | 68° 57′ |
| 58 7-14 | 59s,76 G | |
| 9- 6 | 59,46 G | |
| 61 8-22 | 59,62 G | 52″,4 G |
| 62 8- 6 | 59,65 G | |
| III. | 20h 19m | 68° 54′ |
| 79 8-12 | 39s,42 G | 59″,5 G |

**28135 P. — 678 W2.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| II. | 20h 19m | 66° 9′ |
| 58 8-30 | 1s,75 G | |

**28136 P. — 24428 Mn1.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| II. | 20h 18m | 94° 58′ |
| 58 9-26 | 54s,64 G | 10″,9 G |

**28137 P. — 39304, 07 et 08 L.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| II. | 20h 18m | 80° 23′ |
| 55 10-21 | 59s,91 G | |
| 11- 2 | 60,01 G | |
| 57 8-28 | | 44″,7 G |
| 58 10- 5 | | 44,9 G |
| 62 9-11 | 59,87 G | 46,4 G |
| III. | 20h 19m | 80° 20′ |
| 74 8-20 | 43s,27 G | 55″,1 G |

**28138 P. — 679 W2.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| I. | 20h 18m | 67° 45′ |
| 40 10- 6 | | 5″,5 F |

**28139 P. — 39286 L.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| II. | 20h 18m | 96° 36′ |
| 55 9- 9 | 55s,45 G | |
| 9-23 | | 41″,9 G |
| III. | 20h 19m | 96° 33′ |
| 79 8-11 | 43s,48 J | 52″,0 J |

**28140 P. — 683 W2.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| II. | 20h 19m | 66° 22′ |
| 59 7-26 | 5s,07 G | |

**28141 P. — 3402 Gr.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| I. | 20h 41m | 1° 21′ |
| 43 3- 6 I[1] | 26s,57 G | |
| 3- 7 I[2] | 25,02 G | |
| 53 9-12 | 29,44 G | |
| 10-12 | 30,80 G | |
| 10-14 | 31,31 G | |
| III. | 20h 19m | 1° 14′ |
| 69 2- 5 I[3] | 43s,69 G | |
| 2- 6 I[3] | 47,94 G | |
| 2-20 I | | 57″,9 G |
| 3- 3 I[3] | 47,69 G | |

[1] Æ diminuée de 0s,52 : erreur de réduct.
[2] Æ diminuée de 1s,26 : erreur de moy. (—0,74) et erreur de réduct. (—0s,52).
[3] Æ augm. de 2s : erreur de réduct.

**28142 P. — 127 Piazzi.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| I. | 20h 18m | 110° 2′ |
| 41 9-21 | 5s,83 G | |

**28143 P. — 4230 A + 25°.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| III. | 20h 19m | 64° 48′ |
| 80 8-31 | | 54″,9 G |

**28144 P. — 5684 Sf. — 18°.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| I. | 20h 18m | 108° 17′ |
| 40 8-20 | 9s,82 G | |

**28145 P. — 39354 L.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| II. | 20h 19m | 45° 45′ |
| 67 9-10 | 25s,11 M | 9″,8 M |

**28146 P. — 39312 L.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| II. | 20h 19m | 87° 29′ |
| 55 10-16 | 11s,92 G | |
| 56 9- 4 | 11,79 G | |
| 59 8-23 | 12,00 G | 50″,9 G |
| III. | 20h 19m | 87° 26′ |
| 79 8-20 | 57s,30 J | 58″,3 J |

**28147 P. — 39298 L.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| I. | 20h 18m | 98° 23′ |
| 40 8-28 | 25s,48 G | |
| 8-29 | | 58″,5 F |
| 8-31 | 25,54 G | 60,7 F |
| II. | 20h 19m | 98° 21′ |
| 58 9- 8 | 14s,07 G | 8″,5 G |
| III. | 20h 20m | 98° 18′ |
| 74 8-26 | 2s,43 G | |
| 76 8-24 | 2,61 M | 15″,9 M |

**28148 P. — 24462 Mn1.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| I. | 20h 18m | 105° 17′ |
| 40 8-20 | | 12″,5 F |

**28149 P. — 5817 Sf. — 19°.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| I. | 20h 18m | 109° 2′ |
| 40 8-16 | 20s,39 G | |

**28150 P. — 39297 L.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| II. | 20h 19m | 100° 18′ |
| 54 9- 5 | 16s,02 G | |
| 9-12[1] | | 34″,2 G |
| III. | 20h 20m | 100° 15′ |
| 78 9- 6 | 5s,00 M | 41″,3 M |

[1] 𝔓 diminuée de 1′ : erreur de transcr.

**28151 P. — 39336 L.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| III. | 20h 20m | 57° 56′ |
| 80 8-31 | 5s,16 J | 12″,5 J |
| 9- 2 | 5,19 J | 12,1 J |

**28152 P. — 39329-30 L.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| II. | 20h 19m | 69° 2′ |
| 58 7-14 | 29s,19 G | 40″,5 G |
| 9- 6 | 29,44 G | |
| 59 7-25 | | 39,1 G |
| 60 7-21 | 29,25 G | 39,8 G |

**28153 P. — 39288 à 91 L.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| I. | 20h 18m | 108° 42′ |
| 37 9-10 | 26s,28 G | |
| 9-20 | 26,58 G | 54″,6 F |
| 9-27 | | 55,2 F |
| 10-12 | 26,63 G | |
| 38 10- 4 | 26,59 G | |
| 10-10 | 26,58 G | 55,3 F |
| 39 8-21 | 26,68 G | |
| 8-23 | 26,62 G | 53,0 F |
| 8-24 | 26,58 G | |
| 9-18 | 26,57 G | |
| 40 8-29 | 26,53 G | |
| 8-30 | 26.66 G | 55,4 F |
| 41 8-28 | | 55,0 F |
| 9-29 | 26,56 G | |
| 46 7-20 | 26,35 G | |
| 11- 3 | 26,56 G | |
| 11- 4 | 26,66 G | |
| 47 9-19 | 26,62 G | 54,5 G |
| 48 10- 7[1] | 26,64 G | |
| II. | 20h 19m | 108° 40′ |
| 54 9- 2 | 18s,05 G | 3″,4 G |
| 55 8-25 | | 5,1 G |
| III. | 20h 20m | 108° 37′ |
| 68 8- 1 | 9s,88 G | |
| 79 8-26 | 9,76 J | 11″,1 J |
| 8-30 | 9,93 J | 10,7 J |
| 9- 1 | 9,83 J | 11,7 J |
| 9- 2 | 9,96 J | 12,4 J |

[1] Æ diminuée de 1m.

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜. 𝒫.)

### 28154 P. — 39326 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 19m | 76° 32′ |
| 56 8-15 | 28s,01 G | |
| 60 9-12 | 28,24 G | |
| 9-16 | | 32″,1 G |
| 10-6 | 27,95 G | 31,0 G |
| III. | 20h 20m | 76° 29′ |
| 71 8-13 | 10s,46 G | 40″,1 G |
| 9-5 | 10,23 G | |
| 9-9 | 10,18 G | |

### 28155 P. — 39327 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 19m | 75° 30′ |
| 57 8-13 | 28s,94 G | 43″,1 G |
| 58 10-12 | 28,87 G | |
| 60 9-1 | 28,70 G | 42,7 G |
| 61 10-4 | | 44,0 G |

### 28156 P. — 20516 A.O.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h 20m | 105° 27′ |
| 68 8-13 | 12s,45 M | 23″,5 M |
| 80 8-11 | 12,70 M | 22,9 M |

### 28157 P. — 39309 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 19m | 102° 0′ |
| 58 8-27 | | 13″,9 G |
| 9-9 | 26s,50 G | 13,6 G |
| III. | 20h 20m | 101° 57′ |
| 79 9-11 | 15s,97 J | 20″,4 J |

### 28158 P. — 39303 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 19m | 104° 0′ |
| 54 9-3 | 25s,98 G | |
| 9-27 | | 2″,8 G |
| 62 7-19 | 26,12 G | 1,8 G |
| III. | 20h 20m | 103° 57′ |
| 79 9-22 | 16s,19 J | 9″,9 J |
| 81 8-24 | 16,20 M | 9,1 M |
| 9-17 | 16,12 M | 10,1 M |

### 28159 P. — 39285 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 19m | 118° 43′ |
| 57 6-29 | 22s,91 G | 8″,4 G |

### 28160 P. — 39368 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h 20m | 50° 15′ |
| 74 8-26 | 18s,21 M | 8″,0 M |
| 79 8-20 | 18,28 G | 7,2 G |

### 28161 P. — 39310 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 19m | 103° 56′ |
| 54 9-18 | 28s,89 G | |
| 62 7-19 | | 23″,1 G |
| III. | 20h 20m | 103° 53′ |
| 79 8-2 | 19s,15 M | 30″,3 M |

### 28162 P. — 39322 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 19m | 88° 32′ |
| 56 7-22 | 34s,78 G | |
| 8-26 | 34,78 G | |
| 57 7-12 | 34,98 G | |
| 10-2 | 34,79 G | 21″,1 G |
| 10-6 | | 21,6 G |
| 58 7-13 [1] | | 20,5 G |
| 8-28 | | 20,1 F |
| 59 9-3 | | 20,8 G |

[1] 𝒫 diminuée de 1″ : erreur de réduct.

### 28163 P. — 39385 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h 20m | 37° 52′ |
| 81 8-6 | 23s,35 G | 23″,1 G |

### 28164 P. — 39348 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h 20m | 44° 7′ |
| 80 8-26 | 25s,95 G | 8″,5 G |
| 9-24 | 25,90 G | 4,5 G |

### 28165 P. — 39299 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 19m | 116° 3′ |
| 55 7-30 | 37s,35 G | |
| 58 8-4 | | 53″,4 G |
| III. | 20h 20m | 116° 1′ |
| 79 9-20 | 31s,55 J | 2″,5 J |

### 28166 P. — 39328 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 19m | 92° 38′ |
| 57 7-24 | 49s,81 G | |

### 28166 P. (suite).

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h 20m | 92° 35′ |
| 76 8-11 | 36s,71 G | 42″,8 G |
| 8-12 | 36,61 G | 43,7 G |
| 8-17 | 36,54 G | 43,2 G |

### 28167 P. — 39323 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h 20m | 98° 2′ |
| 80 8-23 | 36s,66 M | 46″,6 M |
| 9-13 | 36,67 M | 45,1 M |

### 28168 P. — 39376 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h 20m | 47° 38′ |
| 80 8-14 | | 2″,1 G |
| 8-26 | 38s,25 J | 2,3 J |
| 9-3 [1] | 38,53 G | 2,4 G |
| 81 9-17 [2] | 38,29 G | 0,6 G |

[1] 𝒜 diminuée de 0s,67 : err. de réduct.
[2] 𝒜 augmentée de 0s,26 : l'observateur ayant augm. arbitrairement et à tort les deux derniers fils.

### 28169 P. — 39359 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 20m | 64° 25′ |
| 58 9-23 | 0s,25 G | |
| 60 8-9 [1] | 0,32 G | 9″,3 G |
| 61 8-29 [2] | 0,44 G | 11,6 G |
| 62 9-20 | 0,16 G | 9,9 G |
| III. | 20h 20m | 64° 22′ |
| 71 9-17 | 38s,43 G | 17″,4 G |

[1] Indiquée à tort à l'observation d'𝒜 comme 39327 L. (distance des fils).
[2] 𝒜 augmentée de 0s,92 : err. de réduct.

### 28170 P. — 39342-43 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 19m | 73° 8′ |
| 56 8-30 | 59s,49 G | |
| 57 8-14 | 59,36 G | 24″,0 G |
| III. | 20h 20m | 73° 5′ |
| 71 9-3 | 40s,46 G | 31″,6 G |

### 28171 P. — 24502 Mn1.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 19m | 79° 12′ |
| 67 8-31 | 57s,91 M | 13″,9 M |
| III. | 20h 20m | 79° 9′ |
| 71 9-15 | 40s,98 G | |

### 28172 P. — 39316 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h 19m | 113° 31′ |
| 41 8-24 [1] | 0s,11 G | |
| II. | 20h 19m | 113° 28′ |
| 57 7-22 | 52s,86 G | |

[1] 𝒜 diminuée de 1s.

### 28173 P. — 39339 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 20m | 78° 59′ |
| 67 8-5 | 4s,06 M | 53″,3 M |
| III. | 20h 20m | 78° 57′ |
| 71 8-7 | 46s,97 G | |
| 9-2 | 46,74 G | 2″,1 G |
| 9-15 | | 1,9 G |

### 28174 P. — 39400 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h 20m | 44° 12′ |
| 81 8-24 | 55s,56 G | 33″,2 G |

### 28175 P. — 39353 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 20m | 77° 58′ |
| 56 10-8 | 13s,63 G | |
| 58 10-9 | 13,88 G | 51″,0 G |
| III. | 20h 20m | 77° 55′ |
| 79 8-26 | 56s,29 G | 57″,1 G |

### 28176 P. — 39332 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 20m | 93° 51′ |
| 55 8-13 | 10s,17 G | |
| 8-18 | | 10″,7 G |
| III. | 20h 20m | 93° 48′ |
| 76 9-19 | 57s,19 G | |
| 9-21 | 57,22 G | 18″,1 G |
| 9-22 | 57,27 G | 17,6 G |

### 28177 P. — 39333 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 20m | 92° 0′ |
| 55 8-27 | | 50″,2 G |
| 56 7-28 | 10s,67 G | |
| 57 8-11 | 10,60 G | |
| III. | 20h 20m | 91° 57′ |
| 79 7-31 | 57s,27 J | 58″,5 J |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜, 𝒫)

### 28178 P. — 39334 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 20h20m | 92°31' |
| 80 9- 9 | 57s,75 M | 36",5 M |

### 28179 P. — 39335 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h20m | 92°33' |
| 55 9- 8 | | 28",2 G |
| 56 8- 2 | 11s,72 G | |
| 57 8-10 | 11,84 G | |
| 10-16 | 11,77 G | 30,2 G |
| III. | 20h20m | 92°30' |
| 79 8-22 | 58s,36 J | 37",6 J |
| 8-25 | 58,28 J | 38,2 J |
| 9-18 | 58,32 J | 37,6 J |

### 28180 P. — 39349 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h20m | 81°21' |
| 56 8-31 | 15s,21 G | |
| 59 8-24 | 15,52 G | |
| III. | 20h20m | 81°18' |
| 71 9-20 | 59s,06 M | 59",6 M |
| 74 9-12 | 59,09 M | 61,8 M |
| 75 8-23 | 59,09 M | 61,2 M |
| 9-14 | 59,06 M | 61,6 M |
| 76 8- 7 | 59,02 M | 59,8 M |
| 8-17 | 59,16 M | 62,0 M |

### 28181 P. — 24526 Mn1.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h20m | 79°11' |
| 57 10-13 | 16s,15 G | |
| 67 9- 2 | 16,80 M | 38",9 M |

### 28182 P. — 8175 Berlin A.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h20m | 74°24' |
| 59 8-16 | 19s,18 G | 14",2 G |

### 28183 P. — 39393 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h20m | 48°32' |
| 66 8-10[1] | 31s,43 G | |
| 8-22 | 31,26 G | |
| 8-23 | 31,11 G | |
| III. | 20h21m | 48°29' |
| 75 8-10 | 2s,82 M | 48",6 M |
| 8-16 | 2,78 M | 46,9 M |
| 9- 7 | 2,65 M | 45,9 M |
| 76 8-10 | 2,74 M | 47,3 M |

[1] 𝒜 diminuée de 1s : erreur de moyenne.

### 28184 P. — 39324 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h20m | 114°37' |
| 55 8-10 | 9s,98 G | |
| 58 8-15 | | 6",0 G |

### 28185 P. — 24539 Mn1.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 20h19m | 104°30' |
| 40 9-12 | 24s,07 G | |
| 10-10 | 23,81 G | |
| 10-14 | 24,01 G | |
| 41 8-27 | 23,98 G | |
| 8-28 | 23,94 G | |
| 8-30[1] | 23,95 G | 16",2 F |
| 9-10 | 23,90 G | |
| 9-11 | 23,98 G | 15,7 F |
| 9-19 | 24,02 G | |
| 9-20 | 24,00 G | |

[1] 𝒫 augmentée de 30" (1 tour de vis des microscopes).

### 28186 P. — 39398-99 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h20m | 47°51' |
| 64 7-19 | | 5",3 G |
| 7-26 | | 4,9 G |
| 8- 1 | | 5,6 G |
| 8-26 | | 5,6 G |
| 65 8-26 | | 5,5 G |
| 8-30 | | 4,9 G |
| III. | 20h21m | 47°48' |
| 80 9-26 | 4s,68 G | 11",1 G |
| 81 8- 5 | 4,84 G | 8,3 G |
| 9-29 | 4,80 G | 10,9 G |

### 28187 P. — 39362 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h20m | 79°6' |
| 57 10-13 | 24s,19 G | 8",4 G |
| III. | 20h21m | 79°3' |
| 79 9- 2 | 7s,49 G | 14",4 G |
| 9- 3 | 7,33 G | 16,2 G |
| 9- 4 | 7,59 G | 16,6 G |

### 28188 P. — 39337 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h20m | 96°6' |
| 55 10-15 | | 43",7 G |
| III. | 20h21m | 96°3' |
| 74 8-31 | 8s,10 G | 51",6 G |
| 80 8-10 | 8,00 M | |
| 81 9-15 | 8,13 M | 51,4 M |
| 10- 1 | 7,99 M | 50,8 M |

### 28189 P. — 39338 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h20m | 97°7' |
| 58 8-20 | 21s,95 G | 54",9 G |
| 61 8-30 | 22,01 G | 54,8 G |
| 8-31[1] | 22,04 G | 54,6 G |
| III. | 20h21m | 97°5' |
| 80 8-31 | 10s,21 M | 1",3 M |

[1] 𝒫 augmentée de 5'.

### 28190 P. — 39387 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h20m | 54°38' |
| 67 8-19 | 39s,28 G | 41",1 G |
| III. | 20h21m | 54°35' |
| 79 9- 1 | 13s,53 G | 47",0 G |

### 28191 P. — 4535 A + 9°.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h20m | 80°23' |
| 58 9- 5 | 33s,34 G | |

### 28192 P. — 24554 Mn1.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h20m | 80°27' |
| 58 9- 5 | 35s,88 G | 57",8 G |

### 28193 P. — 39352 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h20m | 114°26' |
| 55 9- 8 | 25s,93 G | |
| 9-27 | | 27",3 G |
| 9-28 | 25,96 G | |

### 28194 P. — 39406 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h20m | 64°58' |
| 58 8- 8 | 44s,60 G | 7",8 G |
| 9-14[1] | 44,67 G | 8,4 G |
| III. | 20h21m | 64°55' |
| 80 8-27 | 22s,94 J | 14",5 J |
| 9-13 | 23,03 J | 15,6 J |

[1] Erreur de 4° dans la déclinaison approchée inscrite à l'obs. de passage (distance des fils).

### 28195 P. — 39345 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 20h21m | 103°34' |
| 78 8-31 | 27s,41 M | 1",2 M |

### 28196 P. — 39378 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h20m | 71°19' |
| 58 8-16 | 46s,93 G | 10",2 G |
| III. | 20h21m | 71°16' |
| 71 8- 9 | 27s,64 G | |
| 9-12 | 27,50 G | |
| 74 9-14 | 27,56 G | 15",7 G |
| 75 8-11 | 27,64 G | 17,7 G |

### 28197 P. — 39358 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h20m | 97°56' |
| 58 7-30 | 39s,30 G | 8",9 G |
| 10- 8 | | 9,5 G |
| III. | 20h21m | 97°53' |
| 81 9-29 | 27s,68 M | 17",1 M |

### 28198 P. — 39347 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h20m | 103°36' |
| 54 9-11 | 38s,69 G | 46",2 G |

### 28199 P. — 39380 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h20m | 73°44' |
| 57 9- 1 | 50s,37 G | 46",1 G |
| 10- 3 | 50,28 G | 47,1 G |

### 28200 P. — 39412 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 20h20m | 50°6' |
| 40 9-12[1] | | 11",6 F |
| II. | 20h21m | 50°3' |
| 58 9-17 | 1s,32 G | |
| 62 7-21 | 1,40 G | |
| 7-25 | 1,59 G | |
| 8- 1 | 1,61 G | |
| 63 8- 4 | 1,56 G | |
| 8- 6 | 1,45 G | |
| 8- 8 | 1,39 G | |
| 8- 9 | 1,44 G | |
| 8-10 | 1,37 G | |
| 8-12 | 1,50 G | |
| 8-14 | 1,25 M | |
| 8-14 | 1,46 G | |
| 8-17 | 1,36 G | |
| 8-24 | 1,44 G | |
| 8-25 | 1,47 G | |
| 8-31 | 1,52 G | |
| 9-15 | 1,48 G | |
| 64 7-29 | 1,53 G | |
| 7-30 | 1,45 G | |
| 8- 6 | 1,51 G | |
| 8- 7 | 1,48 G | |
| 8- 8 | 1,56 G | |
| 8-10 | 1,39 G | |
| 8-11 | 1,40 G | |
| 8-16 | 1,30 G | |

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. Æ | D |
|---|---|---|

### 28200 P. (suite).

| A. M. J. | Æ | D |
|---|---|---|
| | II. 20h21m | 50°3′ |
| 64 8-17 | 1s,52 G | |
| 8-24 | 1,45 G | |
| 9- 4 | 1,44 G | |
| 9- 5 | 1,48 G | |
| 9- 6 | 1,56 G | |
| 9- 9 | 1,48 G | |
| 9-11 | 1,45 G | |
| 9-12 | 1,46 G | |
| 9-23 | 1,59 G | |
| 65 9- 2 | 1,56 G | |
| 9- 5 | 1,41 G | |
| 9-12 | 1,36 G | |
| 9-13 | 1,52 G | |
| 67 8-23[2] | 1,42 G | 20″,4 G |
| 9-11 | | 18,0 G |
| | III. 20h21m | 50°0′ |
| 72 8-19 | 33s,90 G | |
| 8-31 | 33,75 G | |
| 9- 1 | 33,88 G | |

[1] D diminuée de 5′.
[2] Æ augmentée de 0s,65 ; erreur de réduct.

### 28201 P. — 11320 Cambridge.

| A. M. J. | Æ | D |
|---|---|---|
| | II. 20h20m | 64°55′ |
| 58 8- 8 | 59s,37 G | |
| 9-14[1] | 59,47 G | |
| | III. 19h21m | 64°52′ |
| 71 9-18 | 37s,45 G | |

[1] Erreur de 4° dans la déclin. approchée inscrite (dist. des fils). (*Voir* 28194 P.)

### 28202 P. — 39366 L.

| A. M. J. | Æ | D |
|---|---|---|
| | I. 20h20m | 99°52′ |
| 40 9-21 | 1s,57 G | |
| | II. 20h20m | 99°49′ |
| 54 9-22[1] | 50s,59 G | |
| 62 8- 3 | 50,50 G | 50″,6 G |
| 9-17 | 50,61 G | 49,9 G |
| | III. 20h21m | 99°46′ |
| 76 8- 5 | 39s,60 M | 53″,0 G |

[1] Æ augmentée de 0s,20 : erreur de moy.

### 28203 P. — 39361 L.

| A. M. J. | Æ | D |
|---|---|---|
| | II. 20h20m | 102°15′ |
| 54 9- 8 | 50s,71 G | |
| 60 9- 6 | 50,54 G | 20″,5 G |
| 9-15[1] | 50,56 G | 20,9 G |
| 9-18 | | 20,1 G |
| 9-19 | 50,76 G | 22,5 G |
| 66 10-16 | 50,74 M | 19,8 M |
| 10-23 | 50,70 M | 20,3 M |

[1] D diminuée de 1′.

### 28204 P. — 39357 L.

| A. M. J. | Æ | D |
|---|---|---|
| | I. 20h19m | 106°15′ |
| 40 11- 1 | 59s,15 G | |
| | II. 20h20m | 106°12′ |
| 54 9- 7 | 50s,03 G | |
| 58 9-27 | | 6″,6 F |
| 10- 6 | | 7,1 G |
| | III. 20h21m | 106°9′ |
| 80 6-26 | 40s,93 G | |

### 28205 P. — 39355-56 L.

11 ρ Capricorne.

Étoile fondamentale.

### 28206 P. — 39350-51 L.

| A. M. J. | Æ | D |
|---|---|---|
| | I. 20h19m | 111°24′ |
| 44 8-21 | 59s,20 G | |
| | II. 20h20m | 111°21′ |
| 55 9- 7 | 51s,68 G | 46″,1 G |

### 28207 P. — 39413 L.

| A. M. J. | Æ | D |
|---|---|---|
| | III. 20h21m | 54°43′ |
| 69 9- 8[1] | 44s,70 M | 32″,4 M |
| 80 9- 9 | 45,02 J | 33,5 J |
| 9-24 | 45,09 J | 32,6 J |
| 9-27 | 44,96 J | 33,2 J |

[1] Æ augmentée de 5m.

### 28208 P. — 39379 L.

| A. M. J. | Æ | D |
|---|---|---|
| | II. 20h21m | 83°34′ |
| 57 10-15 | 1s,66 G | 34″,8 G |
| | III. 20h21m | 83°31′ |
| 79 9-11 | 45s,77 G | 39″,0 G |

### 28209 P. — 5144 Sf — 4°.

| A. M. J. | Æ | D |
|---|---|---|
| | II. 20h21m | 93°59′ |
| 62 9-19 | | 23″,9 G |

### 28210 P. — 39402 L.

| A. M. J. | Æ | D |
|---|---|---|
| | III. 20h21m | 64°46′ |
| 74 9-14 | 49s,43 M | 15″,4 M |
| 9-15 | 49,41 M | 15,3 M |
| 75 9- 1 | 49,28 M | 16,0 M |
| 80 9-13[1] | 49,32 G | 13,9 G |
| 81 9-30[2] | 49,82 G | 13,6 G |

[1] D diminuée de 5′.
[2] D diminuée de 1′ : erreur de réduction.

### 28211 P. — 39374 L.

| A. M. J. | Æ | D |
|---|---|---|
| | II. 20h21m | 94°0′ |
| 56 9-26 | | 48″,6 G |
| 62 9-19 | 2s,24 G | 49,3 G |
| | III. 20h21m | 93°57′ |
| 79 8-11 | 49s,60 M | 55″,0 M |

### 28212 P. — 39367 L.

| A. M. J. | Æ | D |
|---|---|---|
| | I. 20h20m | 107°56′ |
| 39 9- 9 | 9s,27 G | |
| 9-18 | 8,95 G | |
| 40 8-16 | 9,12 G | |
| 8-30 | | 34″,1 F |
| 9-16 | 9,33 G | |
| 47 9-10 | | 34,6 G |
| | II. 20h21m | 107°53′ |
| 54 9-27 | 0s,41 G | |
| 59 7-17 | | 41″,0 G |

### 28213 P. — 39377 L.

| A. M. J. | Æ | D |
|---|---|---|
| | II. 20h21m | 88°21′ |
| 57 8-18 | 6s,15 G | |
| 9- 9 | 6,19 G | 26″,0 G |
| 61 8-12 | 6,28 G | |

### 28214 P. — 39375 L.

| A. M. J. | Æ | D |
|---|---|---|
| | I. 20h20m | 93°51′ |
| 46 8-17 | 18s,03 G | 55″,5 G |
| 8-24 | 17,74 G | |
| 8-26 | | 55,2 G |
| 9-13 | 17,72 G | |
| 10-18 | 17,70 G | |
| 10-22 | 17,60 G | |
| 47 8-31 | 17,76 G | |
| 9- 9 | | 55,2 G |
| 10- 3 | | 53,3 G |
| 48 7-14 | 17,59 G | |
| 7-15 | 17,80 G | |
| 7-28 | 17,54 G | |
| 9-15 | 17,66 G | |
| 9-29 | 17,77 G | |
| 50 9- 4 | 17,61 G | |

### 28214 P. (suite).

| A. M. J. | Æ | D |
|---|---|---|
| | II. 20h21m | 93°49′ |
| 55 9- 9 | 4s,70 G | |
| 9-15 | | 2″,3 G |
| 9-16 | | 2,6 G |
| | III. 20h21m | 93°46′ |
| 68 8-28 | 52s,10 M | 8″,1 M |
| 8-29 | 52,27 M | 8,9 M |

### 28215 P. — 39408 L.

| A. M. J. | Æ | D |
|---|---|---|
| | II. 20h21m | 60°5′ |
| 59 9- 1 | 15s,49 G | 19″,6 G |
| | III. 20h21m | 60°2′ |
| 79 9-19 | 52s,21 G | 25″,9 G |
| 9-20 | 52,28 G | 25,1 G |

### 28216 P. — 39364-65 L.

| A. M. J. | Æ | D |
|---|---|---|
| | I. 20h20m | 108°22′ |
| 38 10- 4 | 9s,13 G | |
| 40 8-17 | 9,39 G | |
| 8-20 | 9,07 G | |
| 9-29 | 8,94 G | |
| 9-30 | 9,12 G | |
| 45 6-22 | 9,10 G | |
| 46 7-28[1] | 8,99 G | |
| 47 9-10 | 8,89 G | |
| 48 8-28 | | 45″,9 G |
| 49 9-15 | 9,38 G | |
| 9-25 | 9,19 G | |
| 50 8-24 | 9,15 G | |
| 53 7-19 | 9,08 G | |
| | II. 20h21m | 108°19′ |
| 54 9-19 | 0s,61 G | 55″,7 G |
| 9-25 | 0,72 G | |
| 9-29 | 0,75 G | 52,3 G |
| 57 7-11 | 0,78 G | |
| 8- 9 | 0,83 G | |
| 10-12 | 0,68 G | |
| 58 7-16 | 0,87 G | |
| 8-10 | 0,81 G | |
| 8-24 | 0,75 G | |
| 10- 3 | 0,64 G | |
| 10-15 | 0,59 G | |
| 11- 4 | 0,81 G | |
| 11-11 | 0,62 G | |
| 59 7-31 | 0,67 G | |
| 9- 8 | 0,80 G | |
| 9-10 | 0,73 G | |
| 11-12[2] | 0,23 G | |
| 11-13 | 0,86 G | |
| 60 7-31 | 0,82 G | 53,0 G |
| 8- 6 | 0,85 G | |
| 9-21[3] | | 54,6 G |
| 9-22 | | 54,6 G |
| 11- 6 | | 54,3 G |
| 61 8-28 | 0,70 G | |
| 9- 1 | | 56,9 G |
| 9- 2 | 0,85 G | |
| 62 8-21[4] | | 56,4 G |
| 9- 9 | | 55,9 G |
| 9-18 | | 55,5 G |
| 9-22 | | 55,6 G |

Dates 1800+ — Positions moyennes pour les époques du Catal.

**28216 P. (suite).**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h21m | 108°17′ |
| 68 8-18 | 52s,33 M | 2″,6 M |
| 9-1[5] | 52,45 M | 1,3 M |
| 70 8-20 | 52,18 M | 0,9 M |

[1] Erreur de 1° dans la déclin. indiquée.
[2] 𝒜 non comprise dans la moyenne : fils très discordants.
[3] 𝒫 augmentée de 1′ : err. de réduction.
[4] 𝒫 diminuée de 1′ : erreur de réduct.
[5] 𝒫 diminuée de 5″,9 : l'observation a été faite 1m,71 après le passage au méridien et l'on avait omis de mentionner ce fait et d'en tenir compte dans la réduction.

**28217 P. — 39382 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h20m | 101°43′ |
| 40 8-20 | | 51″,1 F |
| 8-28 | 14s,37 G | |
| 8-29 | | 52,1 F |
| 8-31 | 14,22 G | |

**28218 P. — 39384 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h21m | 80°29′ |
| 57 8-22 | 11s,39 G | 58″,8 G |
| III. | 20h21m | 80°27′ |
| 75 8-23 | 54s,50 G | 4″,8 G |

**28219 P. — 4297 A + 1°.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h21m | 88°30′ |
| 73 8-23 | 55s,15 M | 39″,4 M |

**28220 P. — 39404 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h21m | 66°40′ |
| 58 8-7 | 16s,47 G | |
| 8-17 | | 11″,3 G |
| III. | 20h21m | 66°37′ |
| 71 9-20 | 55s,56 G | 14″,2 G |

**28221 P. — 39372 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h21m | 102°11′ |
| 54 9-16 | 6s,04 G | |
| 60 9-6 | 6,32 G | 7″,8 G |
| 9-15[1] | 6,09 G | 9,2 G |
| 9-18 | | 6,4 G |

[1] 𝒫 diminuée de 1′.

**28222 P. — 39405 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h21m | 66°44′ |
| 71 8-29 | 56s,35 M | 41″,1 M |
| 74 9-19 | 56,19 G | 39,7 G |
| 75 8-16 | 56,27 G | 39,5 G |

**28223 P. — 149 Piazzi.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h21m | 87°31′ |
| 59 7-21 | | 24″,4 G |
| 61 8-14[1] | 13s,27 G | 24,1 G |
| 8-22 | | 23,3 G |

[1] Indiquée à tort à l'obs. de passage comme 39408 L. (dist. des fils).

**28224 P. — 39401 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h21m | 75°30′ |
| 57 8-26 | 19s,29 G | |
| III. | 20h22m | 75°28′ |
| 71 8-12 | 1s,14 G | 1″,0 G |
| 8-19 | 1,10 G | |
| 9-11 | 1,10 G | |
| 9-14 | 1,23 G | |

**28225 P. — 20541 A. O.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h20m | 105°34′ |
| 41 8-28 | | 23″,3 F |
| III. | 20h22m | 105°28′ |
| 68 8-13 | 1s,54 M | 23″,5 M |
| 77 8-2 | 1,59 G | |
| 8-13 | 1,67 M | 21,3 M |
| 8-17 | 1,53 M | 21,0 M |
| 8-27 | 1,70 M | 22,9 M |
| 9-12 | 1,74 M | 24,0 M |
| 9-13 | 1,61 M | 23,3 M |
| 9-29 | 1,74 M | 23,9 M |
| 10-4 | 1,67 M | 24,0 M |

**28226 P. — 39439 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 19h21m | 42°29′ |
| 66 8-18 | 33s,99 G | |

**28227 P. — 39389 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h21m | 82°1′ |
| 57 8-6 | 18s,43 G | 23″,0 G |
| 8-28 | | 22,8 G |
| 58 9-15 | 18,60 G | 24,2 G |

**28228 P. — 39383 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h21m | 88°3′ |
| 56 7-15 | 18s,00 G | |
| III. | 20h22m | 88°1′ |
| 80 9-6 | 3s,49 M | 3″,5 M |

**28229 P. — 39409-10 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h22m | 68°10′ |
| 74 9-1 | 7s,32 M | 24″,6 M |
| 79 9-18 | 7,20 G | 24,7 G |

**28230 P. — 39371 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h20m | 112°54′ |
| 38 8-31 | 25s,17 G | 0″,5 F |
| 9-1 | 25,16 G | |
| II. | 20h21m | 112°51′ |
| 55 8-11 | 18s,25 G | |
| 58 8-27 | | 12″,8 F |
| 9-18 | | 10,5 G |
| 62 8-13 | 18,26 G | 10,9 G |
| III. | 20h22m | 112°48′ |
| 76 8-31 | 11s,17 M | 16″,5 M |
| 8-31 | 10,95 G | 14,7 G |

**28231 P. — 39434 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h21m | 50°6′ |
| 61 9-30 | | 42″,5 G |
| 67 8-9 | 40s,86 G | 41,5 G |
| III. | 20h22m | 50°3′ |
| 69 10-9 | 13s,11 M | 48″,5 M |
| 74 9-12 | 13,09 G | 47,9 G |
| 75 8-27 | 13,36 G | 44,8 G |

**28232 P. — 39391-92 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h21m | 89°34′ |
| 57 9-29 | 27s,71 G | |
| 58 8-28[1] | | 38″,3 F |
| 10-5 | | 35,9 G |
| III. | 20h22m | 89°31′ |
| 72 9-9 | | 41″,8 M |

[1] 𝒫 augmentée de 1′.

**28233 P. — 39426 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h21m | 56°7′ |
| 66 9-17 | 39s,98 G | |
| 67 8-27 | 39,87 G | 47″,7 G |
| III. | 20h22m | 56°4′ |
| 79 7-31 | | 53″,1 G |
| 9-7 | 14s,99 G | 54,5 G |

**28234 P. — 24642 Mn1.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h21m | 93°52′ |
| 57 7-24 | 33s,38 G | |

**28235 P. — 39397 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h21m | 92°11′ |
| 55 8-17 | | 40″,4 G |
| 9-16 | 33s,95 G | |
| III. | 20h22m | 92°8′ |
| 76 7-26 | 20s,92 G | 45″,6 G |
| 8-8 | 20,87 G | 45,4 G |
| 8-9 | 20,77 G | 46,3 G |

**28236 P. — 39386 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h20m | 98°1′ |
| 49 9-6 | 44s,34 G | |
| 9-7 | 44,42 G | |
| II. | 20h21m | 97°58′ |
| 58 9-11 | | 19″,5 F |
| III. | 20h22m | 97°55′ |
| 69 8-25 | 20s,91 M | 22″,8 M |
| 74 9-24 | 21,22 M | 24,2 M |
| 75 9-2 | 20,99 M | 25,1 M |
| 76 8-8 | 21,02 M | 23,9 M |

**28237 P. — 5307 Sf. — 7°.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h21m | 97°28′ |
| 61 9-3 | 35s,81 G | 44″,0 G |
| 9-5 | 35,77 G | 43,6 G |
| 9-7 | 35,67 G | 45,8 G |
| 9-11 | 35,92 G | |
| 9-12 | | 42,6 G |

**28238 P. — 39442 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h22m | 64°15′ |
| 75 8-17 | 28s,90 G | 51″,5 G |

Dates 1800+ — Positions moyennes pour les époques du Catal.

**28239 P. — 3184 Gr.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | | |
| | 20h21m | 30°54′ |
| 40 11-20 | 51s,67 G | 18″,0 F |

**28240 P. — 39411 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 20h21m | 82°12′ |
| 58 7-13 | | 9″,0 G |
| III. | | |
| | 20h22m | 82°9′ |
| 79 9-17 | 29s,45 G | 15″,7 G |

**28241 P. — 39415 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 20h21m | 78°44′ |
| 58 8-11 | 46s,83 G | 27″,8 G |
| 9-11 | 46,78 G | 29,1 G |
| 9-27 | 46,73 G | 28,5 G |

**28242 P. — 39395 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 20h21m | 103°3′ |
| 54 8-24 | 45s,35 G | |
| 8-25 | 45,39 G | |
| 8-27 | | 16″,2 G |
| 57 9-12[1] | 45,50 G | |
| III. | | |
| | 20h22m | 103°0′ |
| 79 8-26 | 35s,29 J | 19″,0 J |

[1] Erreur de 1° dans la déclinaison approchée inscrite.

**28243 P. — 39418 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 20h21m | 79°28′ |
| 57 9- 6 | 55s,38 G | 29″,6 G |
| 58 7-21 | | 29,1 G |

**28244 P. — 39431-32 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 20h22m | 68°19′ |
| 58 9-10 | 2s,42 G | 21″,9 G |
| 9-16 | 2,31 G | 20,7 G |
| 10- 2 | 2,40 G | 23,0 G |

**28245 P. — 39390 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | | |
| | 20h20m | 109°5′ |
| 46 9-18 | 58s,97 G | |
| 53 7-31 | 58,99 G | |
| III. | | |
| | 20h22m | 108°59′ |
| 79 8-20 | 42s,27 J | 55″,2 J |
| 80 8-11 | 42,39 M | 56,1 M |

**28246 P. — 39394 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | | |
| | 20h21m | 109°5′ |
| 39 8-23 | 0s,37 G | |
| 46 7-22 | 0,37 G | 31″,8 G |
| 11- 4 | 0,36 G | |
| 48 7-11 | 0,36 G | |
| 7-17 | 0,30 G | |
| 8-18 | | 30,9 G |
| 10-28 | 0,36 G | |
| 53 7-31 | 0,31 G | |
| II. | | |
| | 20h21m | 109°2′ |
| 54 9- 5 | 51s,99 G | 36″,5 G |
| III. | | |
| | 20h22m | 108°59′ |
| 79 8-30 | 43s,80 J | 42″,8 J |
| 9- 3 | 43,76 J | 43,2 J |

**28247 P. — 39407 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 20h21m | 100°27′ |
| 54 8-26 | 57s,95 G | 52″,8 G |

**28248 P. — 39388 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 20h21m | 112°58′ |
| 58 8- 4 | | 13″,6 G |
| III. | | |
| | 20h22m | 112°55′ |
| 79 8-12 | 47s,43 M | 21″,5 M |
| 9- 2 | 47,44 M | 20,3 M |

**28249 P. — 39445 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | | |
| | 20h22m | 60°16′ |
| 80 8-31 | 53s,66 J | 41″,6 J |
| 9- 2 | 54,09 J | 42,5 J |

**28250 P. — 39456 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | | |
| | 20h21m | 52°3′ |
| 46 7-20 | 49s,78 G | |
| 8-21 | | 57″,5 G |
| 10- 7 | | 58,1 G |
| 47 10-12 | | 57,4 G |
| 50 9-17 | 49,81 G | |
| 52 11- 3 | | 57,0 G |
| 11- 9 | | 58,7 G |
| 11-10 | | 58,0 G |
| II. | | |
| | 20h22m | 52°1′ |
| 66 9-15 | 22s,92 G | |
| 67 8- 5 | 23,00 G | 5″,4 G |
| III. | | |
| | 20h22m | 51°58′ |
| 74 8-21 | 56s,29 M | 9″,1 M |

**28251 P. — 39423 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 20h22m | 86°0′ |
| 57 7-12 | 12s,48 G | |
| 10- 2 | 12,20 G | 27″,3 G |
| III. | | |
| | 20h22m | 85°57′ |
| 74 8-20 | 57s,35 G | 31″,2 G |

**28252 P. — 39428 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 20h22m | 80°7′ |
| 55 11- 2[1] | 14s,19 G | |
| 56 7-22[2] | 14,25 G | |
| III. | | |
| | 20h22m | 80°4′ |
| 79 8-12 | 57s,71 G | 55″,0 G |
| 8-20 | 57,54 G | 56,5 G |

[1] Indiquée à tort comme 39411 L. (dist. des fils).

[2] 𝒜 diminuée de 0s,60 : erreur de 1s sur trois fils.

**28253 P. — 39441 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | | |
| | 20h22m | 65°20′ |
| 71 10-23 | 59s,72 G | |
| 75 8-17 | 59,90 M | 26″,8 M |
| 8-20 | 59,91 M | 28,2 M |
| 76 8-17 | 59,84 M | 29,3 M |
| 8-24 | 59,78 M | 28,1 M |

**28254 P. — 3417 Cincinnati.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 20h22m | 110°12′ |
| 54 9-21[1] | 11s,74 G | |

[1] Indiquée à tort comme 39390 L. (dist. des fils).

**28255 P. — 39422 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | | |
| | 20h21m | 93°23′ |
| 37 8- 6 | | 47″,4 F |
| 9-20 | 32s,73 G | |
| 10-12 | 32,72 G | |
| 39 7-30 | 32,81 G | 48,0 F |
| 40 8-30 | | 48,3 F |
| 45 8- 2 | 32,74 G | |
| 8- 4 | 32,81 G | |
| 48 10- 7 | 32,61 G | |
| 52 11-20 | 33,09 G | |
| 53 9- 4 | 32,78 G | |
| II. | | |
| | 20h22m | 93°20′ |
| 55 8-23 | 19s,86 G | |
| 56 7-28 | | 53″,6 G |
| 57 7-31 | 19,67 G | 54,1 G |
| 58 9- 9 | | 54,3 F |
| 9-26 | 19,75 G | 53,6 G |
| 59 8- 7 | 19,83 G | 54,5 G |

**28255 P. (suite).**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | | |
| | 20h23m | 93°17′ |
| 73 9-25 | 6s,97 G | |
| 76 8-12 | 6,94 G | 59″,7 G |
| 8-17 | 6,78 G | 59,7 G |
| 9-19 | 6,92 G | 59,7 G |
| 9-22 | 6,79 G | 59,2 G |

**28256 P. — 39444 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | | |
| | 20h23m | 68°22′ |
| 81 8- 6 | 7s,05 J | 54″,1 J |
| 8-14 | 7,22 J | 53,4 J |

**28257 P. — 39458-59 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 20h22m | 56°34′ |
| 67 7-30 | 33s,99 G | 25″,5 G |
| 8-24 | 33,99 G | 25,8 G |
| III. | | |
| | 20h23m | 56°31′ |
| 69 9-23 | 9s,37 M | 30″,7 M |

**28258 P. — 39492 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | | |
| | 20h22m | 41°7′ |
| 46 9-16 | | 42″,2 G |
| 9-19 | 18s,19 G | |
| 9-22 | 18,17 G | |
| 9-25[1] | 18,03 G | |
| 9-26 | 18,03 G | |
| 9-30 | | 43,0 G |
| 11-11 | 17,99 G | 42,1 G |
| 49 8-15 | 18,07 G | |
| III. | | |
| | 20h23m | 41°1′ |
| 68 10-22 | 12s,67 M | 50″,0 M |

[1] 𝒜 diminuée de 1m.

**28259 P. — 39440 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 20h22m | 77°46′ |
| 58 7-17 | 31s,68 G | 56″,2 G |
| 59 7-14 | 31,55 G | 57,2 G |

**28260 P. — 5693 Sf. — 15°.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | | |
| | 20h23m | 105°31′ |
| 68 8-13 | 16s,40 M | 44″,1 M |

**28261 P. — 39451 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | | |
| | 20h23m | 68°17′ |
| 81 8-22 | 16s,65 J | 55″,6 J |
| 8-24 | 16,64 J | 55,3 J |

Dates 1800+ — Positions moyennes pour les époques du Catal.

### 28262 P. — 39460 L.

| A. M. J. | Æ | P |
|---|---|---|
| III. | 20h 23m | 61°27′ |
| 81 8-27 | 17s,19 J | 29″,9 J |
| 9-13 | | 30,9 J |

### 28263 P. — 39446 L.

| A. M. J. | Æ | P |
|---|---|---|
| II. | 20h 22m | 74°12′ |
| 57 8-14 | | 32″,1 G |
| 58 10-12 | 36s,14 G | |
| III. | 20h 23m | 74°9′ |
| 71 8-13 | 17s,69 G | 36″,7 G |
| 8-28 | 17,65 G | |
| 9-9 | 17,44 G | |

### 28264 P. — 39420 L.

| A. M. J. | Æ | P |
|---|---|---|
| I. | 20h 21m | 103°32′ |
| 47 11-5[1] | 39s,77 G | 24,8 F |
| 11-13 | 39,62 G | 25,8 G |
| II. | 20h 22m | 103°29′ |
| 54 8-29 | 29s,50 G | 32″,3 G |
| 8-30 | 29,56 G | 30,5 G |

[1] Erreur de 20m dans l'asc. dr. approchée inscrite à l'obs. de dist. polaire.

### 28265 P. — 39449 L.

| A. M. J. | Æ | P |
|---|---|---|
| III. | 20h 23m | 74°8′ |
| 71 8-7 | 23s,84 G | 27″,2 G |
| 9-3 | 23,77 G | 27,6 G |
| 9-5 | 23,59 G | |

### 28266 P. — 39443 L.

| A. M. J. | Æ | P |
|---|---|---|
| I. | 20h 21m | 80°36′ |
| 40 10-10 | 58s,47 G | |
| 10-14 | 58,40 G | |
| II. | 20h 22m | 80°33′ |
| 57 8-13 | 41s,83 G | |
| 59 8-23 | 41,83 G | 55″,6 G |
| 9-3 | | 56,3 G |

### 28267 P. — 39419 L.

| A. M. J. | Æ | P |
|---|---|---|
| II. | 20h 22m | 111°10′ |
| 57 6-29 | 33s,44 G | 28″,3 G |
| 58 8-15 | | 28,1 G |
| III. | 20h 23m | 111°7′ |
| 79 9-1 | 25s,66 J | 33″,0 J |
| 9-2 | 25,80 J | 33,1 J |

### 28268 P. — 14830 T — 25°.

| A. M. J. | Æ | P |
|---|---|---|
| II. | 20h 22m | 115°52′ |
| 58 8-19 | | 58″,6 G |

### 28269 P. — 39403 L.

| A. M. J. | Æ | P |
|---|---|---|
| II. | 20h 22m | 87°28′ |
| 61 8-14 | 41s,87 G | 4″,5 G |
| III. | 20h 23m | 87°25′ |
| 79 8-11 | 27s,04 J | 8″,9 J |
| 9-10 | 27,08 J | 9,0 J |

### 28270 P. — 14249 Bonn.

| A. M. J. | Æ | P |
|---|---|---|
| III. | 20h 23m | 49°41′ |
| 79 9-3 | 28s,29 G | |

### 28271 P. — 39429 L.

| A. M. J. | Æ | P |
|---|---|---|
| I. | 20h 21m | 102°18′ |
| 41 9-21 | 50s,07 G | |
| 9-23[1] | 50,23 G | |
| II. | 20h 22m | 102°15′ |
| 54 9-2 | 39s,74 G | 50″,0 G |
| 60 9-6 | 39,86 G | 50,5 G |
| 9-15 | 39,54 G | |
| III. | 20h 23m | 102°12′ |
| 79 9-11 | 29s,46 J | 54″,9 J |

[1] Erreur de 5° dans la déclin. indiquée (distance des fils).

### 28272 P. — 24730 Mn1.

| A. M. J. | Æ | P |
|---|---|---|
| II. | 20h 22m | 102°41′ |
| 58 9-9 | 43s,61 G | 43″,8 G |

### 28273 P. — 39425 L.

| A. M. J. | Æ | P |
|---|---|---|
| II. | 20h 22m | 107°0′ |
| 54 9-1 | 43s,66 G | 51″,8 G |
| III. | 20h 23m | 106°57′ |
| 79 9-18 | 34s,75 J | 58″,6 J |
| 9-20 | 34,76 J | 59,2 J |

### 28274 P. — 5835 Sf. — 19°.

| A. M. J. | Æ | P |
|---|---|---|
| I. | 20h 21m | 109°57′ |
| 44 8-3 | 51s,27 G | |

### 28275 P. — 39491 L.

| A. M. J. | Æ | P |
|---|---|---|
| II. | 20h 23m | 49°51′ |
| 67 9-6 | 3s,54 G | 9″,4 G |
| III. | 20h 23m | 49°48′ |
| 79 9-3 | | 13″,1 G |

### 28276 P. — 39463 L.

| A. M. J. | Æ | P |
|---|---|---|
| II. | 20h 22m | 68°31′ |
| 58 9-23 | 57s,47 G | 1″,6 G |
| III. | 20h 23m | 68°28′ |
| 81 9-17 | 37s,28 M | 7″,9 M |
| 9-29 | 37,26 M | 7,8 M |

### 28277 P. — 5688 Sf. — 13°.

| A. M. J. | Æ | P |
|---|---|---|
| I. | 20h 21m | 103°32′ |
| 47 11-1 | 57s,46 G | 3″,8 G |
| 11-1 | | 3,4 F |

### 28278 P. — 563 W1.

| A. M. J. | Æ | P |
|---|---|---|
| II. | 20h 22m | 87°31′ |
| 61 8-14 | 54s,59 G | |

### 28279 P. — 20562 A. O.

| A. M. J. | Æ | P |
|---|---|---|
| I. | 20h 22m | 106°17′ |
| 41 10-12 | 1s,81 G | |
| 10-15 | 1,78 G | |

### 28280 P. — 24740 Mn1.

| A. M. J. | Æ | P |
|---|---|---|
| II. | 20h 23m | 80°9′ |
| 59 7-28 | 0s,78 G | 53″,0 G |

### 28281 P. — 39488 L.

| A. M. J. | Æ | P |
|---|---|---|
| III. | 20h 23m | 62°3′ |
| 80 8-27 | 53s,67 J | 21″,9 J |
| 9-13 | 53,81 J | 22,4 J |

### 28282 P. — 39470 L.

| A. M. J. | Æ | P |
|---|---|---|
| II. | 20h 23m | 77°27′ |
| 57 10-13 | 11s,53 G | 28″,7 G |

### 28282 P. (suite).

| A. M. J. | Æ | P |
|---|---|---|
| III. | 20h 23m | 77°24′ |
| 71 9-15 | 54s,16 M | 34″,3 M |
| 9-15 | 54,42 G | 33,7 G |

### 28283 P. — 39462 et 508 L.

| A. M. J. | Æ | P |
|---|---|---|
| I. | 20h 22m | 80°12′ |
| 50 8-2 | 28s,11 G | |
| II. | 20h 23m | 80°9′ |
| 56 8-26 | 11s,41 G | |
| 58 8-12 | 11,47 G | 44″,6 G |
| 10-5 | | 44,3 G |
| 59 7-28 | 11,56 G | |
| 62 9-11 | 11,50 G | |
| III. | 20h 23m | 80°6′ |
| 73 8-5 | 55s,15 M | 47″,7 M |
| 74 9-19 | 54,67 G | 47,8 G |
| 75 8-11 | 54,76 G | 48,6 G |
| 79 8-26 | 54,73 G | 49,0 G |

### 28284 P. — 159 Piazzi.

| A. M. J. | Æ | P |
|---|---|---|
| III. | 20h 23m | 95°48′ |
| 76 10-9 | 57s,18 M | 23″,4 M |
| 80 8-31[1] | 56,95 M | 22,9 M |
| 9-9 | 56,92 M | 22,6 M |

[1] P augmentée de 5″ : erreur de moy.

### 28285 P. — 39489 L.

| A. M. J. | Æ | P |
|---|---|---|
| II. | 20h 23m | 65°23′ |
| 58 8-28 | 21s,40 G | 24″,7 G |
| III. | 20h 23m | 65°20′ |
| 71 9-17 | 59s,73 G | 28″,3 G |

### 28286 P. — 14260 Bonn.

| A. M. J. | Æ | P |
|---|---|---|
| II. | 20h 23m | 49°38′ |
| 67 9-12 | 30s,62 M | 44″,9 M |

### 28287 P. — 39447 L.

| A. M. J. | Æ | P |
|---|---|---|
| II. | 20h 23m | 104°2′ |
| 54 9-3 | 13s,12 G | |
| 9-4 | 13,09 G | 59″,8 G |
| III. | 20h 24m | 104°0′ |
| 70 8-17 | 3s,26 M | 4″,2 M |
| 8-20 | 3,22 M | 5,1 M |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜., 𝒫.)

### 28288 P. — 9121 YF.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $20^h22^m$ | 105°34′ |
| 40 9-12 | $22^s,88$ G | |
| 41 8-27 | 22,74 G | |
| 8-28 | 22,83 G | |
| 8-30 | 22,93 G | |
| 9-11 | 22,91 G | |
| 9-19 | 22,91 G | |
| 9-20 | 22,99 G | |
| 48 10-26 | 22,90 G | |
| 11- 8 | | 12″,1 G |
| 11- 9 | 22,77 G | |
| 11-10 | 22,87 G | |

### 28289 P. — 808 $W_2$.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h23^m$ | 60°2′ |
| 58 7-14 | $28^s,05$ G | |
| 8-30 | 27,96 G | |
| 59 7-26 | 27,96 G | |

### 28290 P. — 39453 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h23^m$ | 98°31′ |
| 55 8-27 | | 1″,3 G |
| 9-26 | $17^s,08$ G | 4,1 G |
| 58 7-30 | 16,95 G | 2,5 G |
| 61 9-11 | 16,86 G | |
| 9-12 | | 0,9 G |
| III. | $20^h24^m$ | 98°28′ |
| 69 8-23 | $5^s,67$ M | 6″,9 M |
| 74 8-31 | 5,59 G | 6,0 G |

### 28291 P. — 39515 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h23^m$ | 48°27′ |
| 66 8-22 | $34^s,35$ G | |
| 8-23 | 34,28 G | |

### 28292 P. — 4138 A + 35°.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $20^h24^m$ | 54°52′ |
| 79 9- 2 | | 26″,6 G |

### 28293 P. — 39452 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h23^m$ | 100°30′ |
| 54 9- 6 | $18^s,09$ G | |
| 58 10- 8 | | 0″,6 G |
| 59 7-17 | | 0,6 G |
| III. | $20^h24^m$ | 100°27′ |
| 79 9-22 | $7^s,15$ J | 5″,6 J |
| 9-26 | 7,17 J | 5,5 J |
| 9-30 | 7,18 J | 6,0 J |

### 28294 P. — 39475 et 562 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h23^m$ | 80°25′ |
| 57 10-16 | $25^s,40$ G | 54″,0 G |
| 59 8-24 | 25,59 G | |
| III. | $20^h24^m$ | 80°22′ |
| 71 9-20 | $8^s,76$ M | 56″,0 M |
| 74 8- 3 | 8,86 M | 57,0 M |

### 28295 P. — 39479 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h23^m$ | 77°31′ |
| 58 9- 6 | $28^s,36$ G | 29″,7 G |
| III. | $20^h24^m$ | 77°28′ |
| 80 9- 1[1] | $10^s,93$ M | 34″,0 M |

[1] 𝒫 augmentée de 5′ : erreur d'observation et diminuée de 5″ : err. de réduct.

### 28296 P. — 39495 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h23^m$ | 63°31′ |
| 59 8-22 | $33^s,69$ G | 34″,9 G |
| III. | $20^h24^m$ | 63°28′ |
| 79 9- 1 | $11^s,62$ G | 37″,1 G |

### 28297 P. — 4316 A + 14°.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h23^m$ | 75°55′ |
| 61 8-31 | | 46″,4 G |

### 28298 P. — 39450 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $20^h22^m$ | 108°36′ |
| 48 7-17[1] | $33^s,23$ G | |
| III. | $20^h24^m$ | 108°30′ |
| 68 8-12 | $16^s,20$ M | 11″,9 M |
| 74 9-12 | 16,37 M | 10,8 M |
| 75 8-10 | 16,20 M | 10,6 M |
| 8-23 | 16,32 M | 11,3 M |
| 9- 7 | 16,38 M | 10,9 M |
| 9-14 | 16,21 M | 10,8 M |
| 9-17 | 16,26 M | 11,2 M |
| 76 7-26 | 16,25 M | 11,3 M |
| 8- 7 | 16,24 M | 9,6 M |
| 81 9-15 | 16,24 M | 9,9 M |

[1] Erreur de 1° dans la décl. approchée inscrite.

### 28299 P. — 39502 et 505 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $20^h23^m$ | 60°8′ |
| 37 4-11 | $3^s,77$ G | |
| 40 11- 1 | 3,94 G | |
| 41 7- 3 | 3,82 G | |
| 8-18 | 3,96 G | |
| 8-19 | 3,75 G | |
| 47 5- 6 | 3,61 G | |
| 51 11- 5 | 3,90 G | |
| 52 12-16 | 3,80 G | |
| II. | $20^h23^m$ | 60°5′ |
| 58 7-14 | $40^s,69$ G | 48″,6 G |
| 8-30 | 40,57 G | 48,4 G |
| 59 7-26 | 40,42 G | |
| 61 9- 1 | 40,46 G | 47,0 G |
| 62 8- 6 | 40,44 G | 46,5 G |
| 8-12 | 40,50 G | 45,9 G |
| 64 7-19 | | 47,5 G |
| 7-26 | | 47,0 G |
| 8- 1 | | 47,8 G |
| 8-26 | | 47,2 G |
| 65 8-26 | | 48,0 G |
| 8-30 | | 47,2 G |
| III. | $20^h24^m$ | 60°2′ |
| 74 8-13 | $17^s,31$ M | 51″,2 M |

### 28300 P. — 39512 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h23^m$ | 54°37′ |
| 67 8-19 | $43^s,15$ G | 58″,1 G |
| III. | $20^h24^m$ | 54°35′ |
| 74 8-26 | $17^s,67$ M | 2″,0 M |

### 28301 P. — 39480 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h23^m$ | 81°5′ |
| 57 8- 6 | $34^s,22$ G | 14″,9 G |
| 10-15 | 34,30 G | 16,1 G |
| III. | $20^h24^m$ | 81°2′ |
| 79 8-11 | $17^s,95$ G | 21″,0 G |

### 28302 P. — 39485 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $20^h22^m$ | 79°37′ |
| 39 9- 9 | $52^s,68$ G | |
| 9-18 | 52,55 G | |
| 40 9-16 | 52,70 G | |
| 10-30 | 52,44 G | |
| 46 7-28 | 52,57 G | |
| 7-29 | 52,45 G | |
| 9-21 | | 7″,5 G |
| 10-18 | 52,63 G | |
| 11- 3 | 52,63 G | 9,7 G |
| 11- 4 | 52,66 G | — |
| 11-14 | 52,58 G | |
| 47 8-17 | 52,72 G | |
| 48 7-14 | 52,80 G | |
| 8-12 | | 7,7 G |
| 49 9-28 | 52,63 G | |

### 28302 P. (suite).

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h23^m$ | 79°34′ |
| 54 8- 2 | $35^s,76$ G | |
| 56 7-24 | 35,76 G | |
| 8-15 | 35,66 G | |
| 58 8- 9 | | 12″,7 G |
| 10- 1 | 35,65 G | 14,1 G |

### 28303 P. — 581 $W_1$.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $20^h24^m$ | 88°0′ |
| 80 9-26 | $18^s,84$ M | 58″,8 M |

### 28304 P. — 4041 A + 34°.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $20^h24^m$ | 54°58′ |
| 79 9- 2 | $20^s,76$ G | |
| 9- 4 | 20,87 G | |

### 28305 P. — 4318 A + 14°.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h23^m$ | 75°54′ |
| 61 8-31 | | 11″,6 G |

### 28306 P. — 20571 A. O.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h23^m$ | 115°28′ |
| 55 9- 7 | $30^s,33$ G | |

### 28307 P. — 4319 A + 14°.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h23^m$ | 75°54′ |
| 61 8-31[1] | $45^s,36$ G | 23″,6 G |

[1] Indiquée à tort à l'obs. de passage comme 39497 L. (distance des fils). Le cahier-minute porte 39507 L.

### 28308 P. — 39497 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h23^m$ | 70°47′ |
| 57 9- 1 | $47^s,43$ G | 54″,2 G |
| 58 8-16 | 47,16 G | 55,6 G |
| 60 7-21 | 47,32 G | 54,5 G |
| 61 10-16 | 47,32 G | 54,8 G |
| 62 9-20 | 47,21 G | 55,1 G |

### 28309 P. — 815 $W_2$.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h23^m$ | 71°2′ |
| 57 10- 3 | $48^s,93$ G | |
| III. | $20^h24^m$ | 70°59′ |
| 71 8- 9 | $29^s,67$ G | |

Dates 1800+ — Positions moyennes pour les époques du Catal.

**28310 P. — 39504 L.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| | III. | |
| | $20^h 24^m$ | 68°35′ |
| 74 9- 1 | 32$^s$,91 M | 50″,9 M |
| 80 8- 9 | 32,87 M | 49,0 M |

**28311 P. — 39524 L.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| | I. | |
| | $20^h 23^m$ | 54°3′ |
| 46 7-22 | 25$^s$,76 G | |
| 8-21 | 25,71 G | |
| 10- 7 | 25,73 G | |
| 10-10 | 25,71 G | |
| 47 8-31 | 25,76 G | |
| 48 8-28 | | 34″,2 G |
| 50 9- 4 | 25,69 G | |
| 52 11- 6 | 25,75 G | |
| | II. | |
| | $20^h 23^m$ | 54°0′ |
| 67 8-23 | 59$^s$,88 G | 39″,6 G |
| 8-27 | 60,17 G | 37,9 G |
| | III. | |
| | $20^h 24^m$ | 53°57′ |
| 69 9-22 | 34$^s$,39 M | 42″,0 M |

**28312 P. — 39537 L.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| | III. | |
| | $20^h 24^m$ | 45°20′ |
| 80 8- 7 | 35$^s$,43 G | 4″,4 G |
| 9- 1 | 35,68 G | |
| 9-29 | 35,43 G | 7,3 G |
| 81 10- 5 | 35,72 G | 8,4 G |
| 10-14 | 35,54 G | 8,8 G |

**28313 P. — 39484 L.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| | II. | |
| | $20^h 23^m$ | 93°3′ |
| 56 7-31 | 49$^s$,72 G | |
| 8-24 | 49,76 G | 31″,4 G |
| | III. | |
| | $20^h 24^m$ | 93°0′ |
| 78 9-21 | 36$^s$,44 G | |

**28314 P. — 39506 L.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| | II. | |
| | $20^h 23^m$ | 71°2′ |
| 57 10- 3[1] | 56$^s$,17 G | 43″,3 G |

[1] Æ augm. de 0$^s$,20 : err. de moy.

**28315 P. — 39551 L.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| | I. | |
| | $20^h 23^m$ | 41°35′ |
| 46 9- 2 | 43$^s$,82 G | |
| 9-26 | | 39″,1 G |
| 49 7-16 | 43,62 G | |
| 7-20 | 43,43 G | |
| 8-11 | | 38,4 G |
| 9-25 | 43,61 G | |

**28315 P. (suite).**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| | III. | |
| | $20^h 24^m$ | 41°29′ |
| 80 9- 2 | 38$^s$,93 G | 44″,6 G |

**28316 P. — 39543 L.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| | III. | |
| | $20^h 24^m$ | 44°41′ |
| 80 8-20 | 40$^s$,83 G | 48″,3 G |
| 8-26 | 40,71 G | 49,5 G |
| 9- 9 | 40,87 G | 48,0 G |
| 81 9-15 | 40,68 G | 49,1 G |
| 9-17 | 40,65 G | |

**28317 P. — 24815 Mn$_I$.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| | III. | |
| | $20^h 24^m$ | 105°25′ |
| 68 8-13 | 41$^s$,49 M | 9″,9 M |
| 80 9- 2 | 41,53 M | 8,9 M |
| 9- 3 | 41,55 M | 9,2 M |
| 81 9-19 | 41,60 M | 9,8 M |

**28318 P. — 39507 L.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| | II. | |
| | $20^h 24^m$ | 75°52′ |
| 58 7-21 | | 55″,4 G |
| 60 8-12 | 4$^s$,68 G | |
| 61 8-17 | 4,75 G | |
| 8-30 | 4,75 G | 54,8 G |
| 8-31 | | 55,9 G |
| 10- 2 | 4,87 G | 55,8 G |
| 10-12 | 4,76 G | 55,7 G |
| 62 10- 1 | 4,89 G | 55,3 G |

**28319 P. — 39544 L.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| | III. | |
| | $20^h 24^m$ | 48°8′ |
| 80 8-30 | 51$^s$,95 G | 12″,4 G |
| 9- 6 | 51,64 G | 11,6 G |

**28320 P. — 39448 et 71 L.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| | II. | |
| | $20^h 23^m$ | 115°20′ |
| 55 9-27 | 58$^s$,56 G | 24″,6 G |
| 59 10-17 | | 24,7 G |
| 60 8- 9 | 58,41 G | 26,5 G |
| 9-12 | 58,41 G | 24,5 G |
| 9-19 | 58,63 G | 26,5 G |
| 9-19 | | 25,9 F |
| 61 10- 4 | | 25,1 G |
| | III. | |
| | $20^h 24^m$ | 115°17′ |
| 79 8- 2 | 52$^s$,40 J | 28″,2 J |
| 8-25 | 52,31 J | 28,5 J |
| 9- 4 | 52,21 J | 26,8 J |

**28321 P. — 39530 L.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| | II. | |
| | $20^h 24^m$ | 59°54′ |
| 58 11-11 | 16$^s$,32 G | 32″,7 G |
| | III. | |
| | $20^h 24^m$ | 59°51′ |
| 79 9-11 | 52$^s$,84 G | 36″,3 G |

**28322 P. — 39486 L.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| | II. | |
| | $20^h 24^m$ | 104°14 |
| 54 9- 8 | 4$^s$,97 G | |
| 58 10- 6 | | 40″,7 G |
| 67 9-24 | 5,01 M | 41,5 M |
| | III. | |
| | $20^h 24^m$ | 104°11′ |
| 77 8- 2 | 55$^s$,08 G | |
| 8-23 | 55,20 M | 44″,2 M |
| 8-27 | 55,11 M | 43,5 M |
| 9-11 | 55,08 M | 44,1 M |
| 9-13 | 55,08 M | 44,1 M |
| 9-28 | 55,07 M | 44,4 M |
| 10- 4 | 55,22 M | 44,2 M |

**28323 P. — 184 Piazzi.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| | II. | |
| | $20^h 24^m$ | 41°35′ |
| 66 8- 7 | 30$^s$,27 G | |

**28324 P. — 39561 L.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| | III. | |
| | $20^h 25^m$ | 44°40′ |
| 80 8-23 | 0$^s$,41 G | 51″,1 G |
| 9- 8 | 0,60 G | 54,3 G |

**28325 P. — 39572 L.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| | I. | |
| | $20^h 24^m$ | 41°14′ |
| 49 8-15 | 7$^s$,19 G | |
| 8-19 | 7,20 G | |
| | II. | |
| | $20^h 24^m$ | 41°11′ |
| 67 10- 1 | 34$^s$,65 M | 59″,9 M |
| | III. | |
| | $20^h 25^m$ | 41°9′ |
| 79 9-18 | 2$^s$,39 G | 2″,8 G |
| 9-19 | 2,31 G | |

**28326 P. — 39555-56 L.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| | III. | |
| | $20^h 25^m$ | 48°5′ |
| 80 9-20 | 4$^s$,90 G | 53″,9 G |
| 9-24 | 5,01 G | 53,6 G |

**28327 P. — 39511 L.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| | II. | |
| | $20^h 24^m$ | 84°6′ |
| 57 8-22 | 20$^s$,94 G | |
| 58 9- 5 | 20,70 G | 47″,3 G |
| 9-15 | 20,62 G | 47,7 G |
| 59 9-18 | 20,65 G | |

**28328 P. — 39549 L.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| | II. | |
| | $20^h 24^m$ | 53°53′ |
| 67 9-11 | | 46″,7 G |
| | III. | |
| | $20^h 25^m$ | 53°50′ |
| 79 9-25 | 8$^s$,60 J | 47″,7 J |
| 80 9-13 | 8,83 M | 45,4 M |

**28329 P. — 3423 Cincinnati.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| | I. | |
| | $20^h 23^m$ | 109°46′ |
| 48 8- 2 | 27$^s$,58 G | |

**28330 P. — 39521 L.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| | I. | |
| | $20^h 23^m$ | 79°15′ |
| 46 8-14 | 47$^s$,87 G | |
| 9-18 | 47,98 G | |
| 48 9-15 | 47,90 G | |
| 52 11-14 | 47,89 G | |
| | II. | |
| | $20^h 24^m$ | 79°12′ |
| 56 9-20 | 31$^s$,22 G | |
| 59 8-29 | 30,94 G | 31″,9 G |
| 67 8-31 | 30,90 M | 32,5 M |
| 9- 2 | 30,99 M | 31,7 M |
| | III. | |
| | $20^h 25^m$ | 79°9′ |
| 71 8-10 | 13$^s$,92 G | 34″,6 G |
| 9-14 | 14,02 G | |

**28331 P. — 39522 L.**

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| | I. | |
| | $20^h 23^m$ | 79°15′ |
| 46 8-17 | 48$^s$,88 G | |
| 10-22 | 48,90 G | |
| 10-23 | 48,79 G | |
| 48 9-29 | 49,04 G | |
| 49 8-21 | 48,84 G | |
| 50 8-24 | 48,87 G | |
| | II. | |
| | $20^h 24^m$ | 79°12′ |
| 56 9-20 | 32$^s$,14 G | |
| | III. | |
| | $20^h 25^m$ | 79°9′ |
| 71 9-12 | 15$^s$,13 G | |

### 28332 P. — 600 W₁.

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. ℛ | 𝒫 |
|---|---|---|
| | I. | |
| | 20h23m | 88°47' |
| 40 8-28 | 44s,75 G | |
| 8-29 | | 0",7 F |
| 8-31 | 44,73 G | |

### 28333 P. — 4308 A + 10°.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| | II. | |
| | 20h24m | 79°49' |
| 57 10- 6 | | 40",3 G |

### 28334 P. — 39531 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| | II. | |
| | 20h24m | 73°23' |
| 58 8-24 | 37s,15 G | 32",6 G |
| 9-27 | 37,05 G | 34,0 G |

### 28335 P. — 39509 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| | II. | |
| | 20h24m | 96°4' |
| 55 8-13 | 31s,21 G | |
| 8-16 | | 22",2 G |
| 59 10- 6 | 31,15 G | |
| | III. | |
| | 20h25m | 96°1' |
| 68 10-12 | 19s,10 M | 26",1 M |
| 74 8-26 | 18,96 G | 25,0 G |

### 28336 P. — 8373 Rümker.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| | I. | |
| | 20h24m | 69°54' |
| 41 9-29 | 2s,19 G | |

### 28337 P. — 39514 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| | II. | |
| | 20h24m | 93°54' |
| 55 9- 8 | | 38",5 G |
| 9-15 | 35s,70 G | |
| 9-16 | 35,70 G | |
| | III. | |
| | 20h25m | 93°51' |
| 76 8-31 | 22s,88 G | 42",8 G |
| 9-19 | 22,70 G | 42,4 G |
| 9-21 | 22,72 G | 42,6 G |

### 28338 P. — 14294 Bonn (la 2e).

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| | II. | |
| | 20h24m | 50°6' |
| 61 9-30 | | 1",4 G |

### 28339 P. — 39526 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| | II. | |
| | 20h24m | 81°32' |
| 57 7-23 | 40s,71 G | |
| 8-18 | 41,08 G | |
| 9- 9 | 40,89 G | 56",2 G |
| 58 7-13 | | 55,6 G |

### 28340 P. — 39493-94 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| | I. | |
| | 20h23m | 115°27' |
| 37 9-27 | | 45",0 F |
| 39 8-21 | 38s,17 G | |
| 40 9-21 | 38,16 G | |
| 41 9-13 | 38,05 G | |
| 48 10-21 | 38,08 G | |
| | II. | |
| | 20h24m | 115°24' |
| 55 8-10 | 31s,69 G | |
| 9-25 | | 47",0 G |
| | III. | |
| | 20h25m | 115°21' |
| 73 8- 6 | 25s,78 M | 51",2 M |
| 79 8-20 | 25,59 J | 51,9 J |
| 8-26 | 25,64 J | 54,0 J |
| 8-30 | 25,61 J | 51,3 J |
| 9- 3 | 25,57 J | 50,3 J |

### 28341 P. — 39499 à 501 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| | I. | |
| | 20h23m | 107°7' |
| 41 8-22 | 44s,46 G | |
| 9-19 | 44,60 G | |
| 9-20 | 44,46 G | |
| 49 9- 8 | 44,53 G | |

### 28342 P. — 39516 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| | II. | |
| | 20h24m | 95°42' |
| 55 8-11 | | 47",6 G |
| 9- 9 | 40s,32 G | |
| 57 7- 5 | 40,54 G | |
| 8-10 | 40,50 G | |
| 58 9- 9 | | 47,4 F |
| | III. | |
| | 20h25m | 95°39' |
| 74 9- 1 | 28s,26 G | 49",0 G |
| 76 9-21 | 28,29 M | 49,1 M |
| 9-22 | 28,21 M | 50,3 M |

### 28343 P. — 39525 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| | II. | |
| | 20h24m | 86°3' |
| 57 7-12 | 44s,11 G | |
| 10- 2 | 43,98 G | 16",7 G |
| 58 8-28[1] | | 16,2 F |

[1] 𝒫 augm. de 5" ; err. de 20" sur l'un des quatre microscopes lus.

### 28344 P. — 39519-20 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| | II. | |
| | 20h24m | 90°37' |
| 55 8-17 | | 30",7 G |
| 56 8- 2 | 43s,47 G | |
| 57 8-11 | 43,35 G | |
| 58 9-11[1] | | 31,6 F |
| 10-30 | | 30,1 G |
| 64 8-26 | 43,49 M | 29,7 M |
| | III. | |
| | 20h25m | 90°34' |
| 76 8- 8 | 29s,65 G | 31",8 G |
| 8- 9 | 29,69 G | 32,1 G |
| 8-11 | 29,60 G | 31,5 G |

[1] 𝒫 diminuée de 5'.

### 28345 P. — 39513 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| | I. | |
| | 20h23m | 100°22' |
| 40 8-29 | 54s,64 G | |
| 9-30 | 54,51 G | |
| 41 9-21 | 54,55 G | |
| 9-23 | 54,45 G | |
| 10-12 | 54,25 G | |
| 10-15 | 54,50 G | |
| 49 9- 6 | 54,85 G | |
| 9- 7 | 54,73 G | |
| | II. | |
| | 20h24m | 100°19' |
| 54 9-16 | 43s,87 G | |
| 9-19 | | 42",2 G |
| | III. | |
| | 20h25m | 100°16' |
| 79 7-30 | 33s,26 J | 40",1 J |

### 28346 P. — 39536 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| | II. | |
| | 20h24m | 77°0' |
| 58 8-11 | 53s,40 G | 58",1 G |
| 10- 9 | | 57,8 G |
| 59 7-14 | 53,32 G | 59,9 G |

### 28347 P. — 39592 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| | III. | |
| | 20h25m | 39°57' |
| 81 8- 2 | 37s,09 G | 26",8 G |
| 8- 5 | 37,22 G | 25,5 G |

### 28348 P. — 24882 Mn₁.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| | II. | |
| | 20h24m | 88°18' |
| 61 8-12[1] | 52s,85 G | |

[1] ℛ augmentée de 1m.

### 28349 P. — 39581 et 83 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| | III. | |
| | 20h25m | 45°55' |
| 80 9-26 | 38s,43 G | 51",9 G |
| 10- 1 | 38,49 G | 52,0 G |
| 81 8- 6 | 38,68 G | 51,3 G |
| 8-24 | 38,40 G | 50,5 G |

### 28350 P. — 39558 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| | II. | |
| | 20h25m | 63°46' |
| 58 8- 8 | 0s,80 G | 56",9 G |
| 9-16 | 0,69 G | 58,6 G |
| 59 7-31 | 0,36 G | |
| 11-12 | 0,80 G | |

### 28351 P. — 39580 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| | III. | |
| | 20h25m | 46°59' |
| 81 10- 3 | 38s,08 G | |

### 28352 P. — 5321 Sf — 7°.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| | II. | |
| | 20h24m | 97°55' |
| 61 9- 5 | | 26",9 G |

### 28353 P. — 39571 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| | I. | |
| | 20h24m | 60°13' |
| 41 8-19 | 32s,62 G | |
| | II. | |
| | 20h25m | 60°10' |
| 58 11- 4 | 9s,72 G | |
| 59 7-25 | | 47",9 G |
| | III. | |
| | 20h25m | 60°7' |
| 79 8-12 | 46s,42 G | 47",6 G |

### 28354 P. — 5322 Sf. — 7°.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| | II. | |
| | 20h24m | 97°51' |
| 54 9- 9[1] | 59s,25 G | |
| 61 9- 5 | | 30",4 G |

[1] Indiquée à tort comme 39518 L (dist. des fils).

### 28355 P. — 39518 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| | II. | |
| | 20h24m | 104°10' |
| 59 7-17 | | 45",8 G |
| | III. | |
| | 20h25m | 104°7' |
| 78 8-16 | 48s,34 G | 47",3 G |
| 8-23 | 48,47 G | |

**28356 P. — 4423 A + 13°.**

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h25m | 76°55' |
| 58 10- 9 | 8s,08 G | |

**28357 P. — 39545 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h25m | 80°28' |
| 59 8-23 | 7s,45 G | 11",4 G |
| 9- 3 | | 9,9 G |
| 61 8-22 | 7,52 G | 10,3 G |
| 9- 3 | | 9,7 G |

**28358 P. — 39591 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h25m | 44°32' |
| 62 7-21 | 21s,82 G | |
| 7-25 | 22,00 G | |
| 7-31 | 21,85 G | |
| 8- 1 | 21,89 G | |

**28359 P. — 39523 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h25m | 104°1' |
| 54 9-18 | 2s,24 G | |
| 59 7-23 | 2,44 G | |
| | III. | |
| | 20h25m | 103°58' |
| 78 8-31 | 52s,38 M | 3",0 M |
| 9- 6 | 52,44 M | 3,6 M |

**28360 P. — 39586 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 20h25m | 49°45' |
| 80 9-30 | 52s,84 G | 16",5 G |
| 81 7-27 | | 15,7 G |

**28361 P. — 39564 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h25m | 68°24' |
| 58 9-10 | 14s,98 G | 56",0 G |
| 10-15 | 14,84 G | 55,1 G |
| | III. | |
| | 20h25m | 68°21' |
| 80 8-10 | 54s,70 M | 58",5 M |

**28362 P. — 39597 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 20h25m | 44°58' |
| 81 8-27[1] | 56s,29 G | 18",5 G |
| 9-19 | 56,41 G | 17,6 G |

[1] 𝒜 augmentée de 0s,40 : erreur de 1s sur les deux derniers fils.

**28363 P. — 39540 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h25m | 88°15' |
| 57 7-22 | 12s,73 G | |
| 59 9- 1[1] | | 3",5 G |
| 60 9- 9 | 12,66 G | 4,1 G |
| 9-16 | | 4,5 G |
| 9-18 | | 3,5 G |
| 61 8-12 | 12,61 G | |
| 62 8-13 | 12,67 G | 2,9 G |
| | III. | |
| | 20h25m | 88°12' |
| 69 10- 5[2] | | 22",8 G |
| 81 8-27 | 58s,07 M | 6,3 M |

[1] 𝒟 diminuée de 10" : erreur de réduct.
[2] 𝒟 non comprise dans la moy.

**28364 P.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 20h25m | 86°15' |
| 81 9-29 | 59s,64 M | 9",4 M |

**28365 P. — 39589 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h25m | 49°57' |
| 66 9-17 | 27s,55 G | |
| 67 8-24 | 27,34 G | 43",4 G |
| | III. | |
| | 20h25m | 49°54' |
| 69 9-17 | 59s,92 M | 44",4 M |

**28366 P. — 20595 A.O.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 20h26m | 105°30' |
| 80 8-11 | 0s,03 M | 0",3 M |
| 81 9-30 | 0,33 M | 0,5 M |
| 10- 1 | 0,28 M | 0,4 M |

**28367 P. — 39542 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h25m | 88°20' |
| 55 11- 2 | 14s,79 G | |
| 56 7-29 | | 17",1 G |
| 58 9-28 | 14,80 G | |
| 60 9-16 | | 20,1 G |
| 9-18 | | 17,0 G |
| 61 8-12 | 15,04 G | |
| 62 8-13 | | 18,8 G |
| 9-17 | 14,89 G | 20,2 G |

**28368 P. — 39569-70 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h25m | 68°34' |
| 58 10- 2 | 20s,96 G | 30",9 G |
| 59 11-14 | 20,86 G | |
| 62 9-18 | 20,68 G | 30,9 G |

**28368 P. (suite).**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 20h26m | 68°31' |
| 71 8-29 | 0s,63 M | 32",5 M |
| 9-18 | 0,75 M | 33,6 M |
| 9-18 | -0,57 G | 31,4 G |
| 9-20 | 0,63 G | 31,4 G |

**28369 P. — 39532 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h25m | 99°21' |
| 56 8- 3 | | 58",6 G |
| 57 7-24 | 12s,08 G | |
| 8- 9 | 12,16 G | |
| 58 8-20 | 11,95 G | 57,6 G |
| 9- 8 | 12,11 G | 59,3 G |
| 64 8-30 | 12,18 M | 59,5 M |
| | III. | |
| | 20h26m | 99°19' |
| 69 8-28 | 0s,87 M | 0",4 M |

**28370 P. — 5707 Sf. — 15°.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 20h26m | 105°25' |
| 68 8-13 | 0s,96 M | 6",6 M |

**28371 P. — 39527 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h25m | 106°29' |
| 54 9-11 | 10s,99 G | 53",8 G |
| 9-26[1] | 11,06 G | |
| | III. | |
| | 20h26m | 106°26' |
| 78 9-10 | 1s,76 M | 55",1 M |
| 9-11 | 1,86 M | 55,0 M |

[1] Indiquée à tort comme 39529 L (dist. des fils). Le cahier-minute porte 39527 L.

**28372 P. — 39568 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 20h24m | 73°31' |
| 40 9-16 | 45s,50 G | |
| | II. | |
| | 20h25m | 73°28' |
| 56 9- 8 | 26s,68 G | |
| 57 8-14 | 26,59 G | 41",8 G |
| 58 9-11 | 26,81 G | |
| | III. | |
| | 20h26m | 73°25' |
| 71 8-13 | 8s,13 G | 44",6 G |
| 8-28 | 7,88 G | 43,1 G |
| 9- 2 | 7,98 G | 45,9 G |
| 9- 3 | 7,99 G | 45,3 G |
| 9- 9 | 7,96 G | |

**28373 P. — 39539 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h25m | 98°23' |
| 55 8-30[1] | | 59",8 G |
| 61 8-28 | 20s,19 G | |
| 9-27[2] | 20,45 G | 63,6 G |
| 10-10 | 20,46 G | 64,0 G |
| 10-19 | 20,54 G | 63,6 G |
| 62 9- 9 | 20,54 G | 62,7 G |
| 9-19 | 20,47 G | 63,6 G |
| 9-22 | 20,40 G | 63,6 G |

[1] 𝒟 non comprise dans la moyenne.
[2] 𝒟 augm. de 13",6 : erreur de muy.

**28374 P. — 39552 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h25m | 88°2' |
| 57 8-28 | | 38",0 G |
| 10-12[1] | 23s,95 G | 39,9 G |
| | III. | |
| | 20h26m | 87°59' |
| 79 9-18 | 9s,20 J | 42",2 J |

[1] 𝒜 diminuée de 0s,40 : erreur de 1s sur deux fils.

**28375 P. — 39618 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 20h25m | 41°34' |
| 40 10-30 | 15s,44 G | |
| 11- 1 | 15,37 G | |
| 41 8-13 | 15,59 G | |
| 8-14 | 15,49 G | |
| 8-18 | 15,45 G | |
| 43 11- 9 | 15,39 G | |
| 46 8-21 | | 0",0 F |
| 8-22[1] | 15,52 G | |
| 8-24[1] | 15,28 G | |
| | III. | |
| | 20h26m | 41°28' |
| 81 8- 1 | 10s,99 G | 4",7 G |
| 9-29 | 11,12 G | 4,0 G |

[1] 𝒜 diminuée de 1m.

**28376 P. — 39604 à 06 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 20h26m | 46°57' |
| 81 9-28 | 12s,38 G | 20",4 G |

**28377 P. — 39550 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h25m | 91°55' |
| 55 9-23 | | 55",5 G |
| 57 7-31 | 26s,02 G | 58,4 G |
| 58 9-26 | 26,01 G | 58,2 G |
| | III. | |
| | 20h26m | 91°53' |
| 76 8-17 | 12s,60 G | 0",5 G |
| 9-22 | 12,63 G | 0,2 G |
| 9-23 | 12,63 G | 0,3 G |

Dates 1800 + / Positions moyennes pour les époques du Catal.

**28378 P. — 39529 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 20h25m | 112°42' |
| 55 8-11 | 20s,10 G | |
| 58 8-5 | | 10",3 G |
| 8-15 | | 9,2 G |
| 60 10-6 | 19,98 G | |
| | III. | |
| | 20h26m | 112°39' |
| 79 9-2 | 12s,77 J | 13",0 J |

**28379 P. — 39557 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| | III. | |
| | 20h26m | 86°16' |
| 74 8-3 | 13s,74 M | 26",7 M |
| 79 8-11 | 13,77 J | 26,4 J |

**28380 P. — 39593 et 96 L.[1]**

| A. M. J. | Æ. | P. |
|---|---|---|
| | I. | |
| | 20h25m | 53°34' |
| 46 7-20 | 6s,21 G | |
| 48 8-18 | | 59",8 G |
| | II. | |
| | 20h25m | 53°32' |
| 66 9-10 | 40s,23 G | |
| 67 8-9 | 40,16 G | 2",8 G |
| | III. | |
| | 20h26m | 53°29' |
| 69 10-6 | 14s,20 M | 3",0 M |
| 74 8-21 | 14,20 M | 3,6 M |
| 9-12 | 14,28 G | 3,4 G |
| 75 8-16 | 14,38 G | 2,6 G |

[1] L'asc. dr. de 39596 L. doit être dim. de 2s : err. de réduct. de Baily.

**28381 P. — 39541 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 20h25m | 99°29' |
| 55 9-9 | | 16",0 G |
| 57 8-9 | 25s,98 G | |
| 62 7-19 | 25,88 G | 15,7 G |

**28382 P. — 39548 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 20h25m | 95°38' |
| 55 9-15 | | 38",3 G |
| 56 7-28 | 28s,10 G | |
| | III. | |
| | 20h26m | 95°35' |
| 74 8-31 | 15s,92 G | 40",2 G |

**28383 P. — 39559 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 20h25m | 88°6' |
| 57 10-12 | 33s,40 G | |
| 58 8-13 | 33,29 G | |
| 61 10-18 | 33,18 G | 41",2 G |

**28383 P. (suite).**

| A. M. J. | Æ. | P. |
|---|---|---|
| | III. | |
| | 20h26m | 88°3' |
| 71 9-20[1] | 18s,54 M | 40",8 M |
| 75 10-12 | 18,87 M | 42,1 M |
| 81 10-3 | 18,78 M | 42,5 M |

[1] Æ augm. de 0s,12 : erreur de réduct.

**28384 P. — 39613-14 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 20h25m | 46°9' |
| 66 8-13[1] | 49s,36 G | |
| 67 9-10 | 49,12 M | 16",3 M |
| 10-2 | 49,27 M | 17,1 M |
| | III. | |
| | 20h26m | 46°6' |
| 79 7-31 | | 18",6 G |
| 8-20 | | 16,5 G |
| 8-30 | 19s,97 G | 16,1 G |
| 9-3[2] | 19,88 G | 14,9 G |
| 80 8-31 | 19,87 G | 17,2 G |

[1] Æ augmentée de 1m : erreur de transcr. Indiquée à tort comme 39618 L. (dist. des fils).

[2] Æ dim. de 1s : erreur de moy. et err. de 1s en passant du fil I au fil II.

**28385 P. — 20603 A.O.**

| A. M. J. | Æ. | P. |
|---|---|---|
| | III. | |
| | 20h26m | 105°38' |
| 68 8-12[1] | 20s,55 M | 28",3 M |
| 79 9-27 | 20,42 J | 29,0 J |
| 10-3 | 20,57 J | 28,3 J |
| 10-4 | 20,46 J | 29,3 J |

[1] P augmentée de 1'. err. de transcr.

**28386 P. — 20647 A.O.**

| A. M. J. | Æ. | P. |
|---|---|---|
| | I. | |
| | 20h25m | 41°28' |
| 40 10-30 | 27s,43 G | |
| 11-1 | 27,29 G | |

**28387 P. — 24945 Mn1.**

| A. M. J. | Æ. | P. |
|---|---|---|
| | III. | |
| | 20h26m | 86°16' |
| 76 8-24 | 25s,02 M | 11",1 M |

**28388 P. — 4881 R1.**

| A. M. J. | Æ. | P. |
|---|---|---|
| | I. | |
| | 20h30m | 5°24' |
| 47 7-9 | 34s,50 G | 7",1 F |
| 7-10 | 34,76 G | 7,7 F |

**28389 P. — 4248 A + 21°.**

| A. M. J. | Æ. | P. |
|---|---|---|
| | III. | |
| | 20h26m | 68°25' |
| 81 9-17 | 26s,54 M | 47",1 M |

**28390 P. — 24949 Mn1.**

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 20h25m | 100°36' |
| 59 8-7 | 38s,53 G | |

**28391 P. — 39576 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 20h25m | 80°27' |
| 61 9-3 | 44s,82 G | 36",9 G |
| | III. | |
| | 20h26m | 80°24' |
| 71 9-9 | 28s,25 M | 36",5 M |

**28392 P. — 24950 Mn1.**

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 20h25m | 80°26' |
| 61 9-3 | | 20",1 G |

**28393 P. — 39615 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 20h25m | 50°2' |
| 67 9-6 | 58s,52 G | 37",3 G |
| | III. | |
| | 20h26m | 49°59' |
| 79 9-1 | 30s,98 G | 38",3 G |

**28394 P. — 39602 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 20h25m | 57°22' |
| 66 9-15 | 56s,07 G | |
| 10-17 | 56,08 G | |
| | III. | |
| | 20h26m | 57°19' |
| 80 8-31 | 31s,78 J | 19",6 J |
| 9-2 | 31,78 J | 19,1 J |
| 81 8-18 | 31,74 J | 20,4 J |
| 9-19 | 31,96 J | 20,2 J |

**28395 P. — 39588 et 90 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 20h25m | 68°27' |
| 58 8-10 | 55s,66 G | |
| 59 9-1 | 55,43 G | |
| 62 9-13 | 55,71 G | |
| | III. | |
| | 20h26m | 68°24' |
| 79 8-26 | 35s,27 G | 30",0 G |
| 80 9-27 | 35,33 J | 27,8 J |
| 9-30 | 35,24 J | 28,4 J |

**28396 P. — 39600 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| | I. | |
| | 20h25m | 60°15' |
| 41 8-19 | 22s,60 G | |
| | II. | |
| | 20h25m | 60°12' |
| 61 9-1 | 59s,41 G | |
| | III. | |
| | 20h26m | 60°9' |
| 71 10-23 | 36s,13 G | |
| 74 9-15 | 36,19 M | 41",2 M |
| 9-18 | 36,26 M | 40,9 M |
| 75 8-17 | 36,28 M | 39,6 M |
| 9-1 | 36,14 M | 40,9 M |
| 9-15 | 36,41 M | 41,1 M |
| 76 8-8 | 36,26 M | 40,5 M |
| 8-17 | 36,23 M | 41,3 M |

**28397 P. — 2655 Br.**

| A. M. J. | Æ. | P. |
|---|---|---|
| | I. | |
| | 20h26m | 21°44' |
| 46 10-7 | | 54",8 G |
| 50 9-7 | | 56,9 G |

**28398 P. — 39594-95 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 20h25m | 64°39' |
| 58 11-12 | | 57",7 G |
| 61 7-29 | 58s,78 G | |
| | III. | |
| | 20h26m | 64°36' |
| 71 10-12 | 37s,10 G | |
| 74 9-14 | 37,30 G | 58",5 G |
| 75 8-11 | 37,26 G | 57,3 G |

**28399 P. — 39575 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 20h25m | 88°2' |
| 57 10-12 | 52s,23 G | |
| 58 8-12 | 52,23 G | 43",6 G |
| | III. | |
| | 20h26m | 87°59' |
| 73 9-8 | 37s,81 M | 46",7 M |
| 74 8-20 | 37,71 G | 44,5 G |

**28400 P. — 39574 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 20h25m | 90°35' |
| 55 9-26 | 52s,56 G | 26",2 G |
| 58 9-11 | | 25,5 F |
| | III. | |
| | 20h26m | 90°32' |
| 69 8-25 | 38s,60 M | 26",0 M |
| 78 9-5 | 38,71 J | 25,5 J |
| 9-6 | 38,76 J | 25,5 J |
| 9-7 | 38,52 J | 25,0 J |
| 9-19 | 38,65 G | 23,1 G |

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**28401 P. — 20606 A.O.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $20^h24^m$ | 111°3′ |
| 44 8-25 | $55^s,56$ G | |
| 8-28 | 55,58 G | 41″,5 F |

**28402 P. — 39612 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $20^h26^m$ | 56°5′ |
| 81 8- 6 | $42^s,11$ J | 21″,7 J |
| 8- 7 | 42,18 J | |
| 8-14 | 42,21 J | 22,4 J |

**28403 P. — 39599 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $20^h26^m$ | 65°4′ |
| 80 9- 8 | $43^s,60$ J | 12″,7 J |
| 9- 9 | 43,73 J | 13,0 J |
| 81 9-15 | 43,64 J | 13,1 J |
| 9-28 | 43,94 J | 12,4 J |

**28404 P. — 39578 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $20^h26^m$ | 93°49′ |
| 55 10- 7[1] | $5^s,77$ G | |
| 58 7-30 | 5,71 G | 50″,2 G |
| 9-27 | | 52,1 F |
| | III. | |
| | $20^h26^m$ | 93°46′ |
| 79 9-10 | $52^s,83$ J | 50″,4 J |
| 9-11 | 52,82 J | 52,4 J |

[1] Indiquée à tort comme 39598. Le cahier minute porte 39578.

**28405 P. — 24979 Mn$_1$.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $20^h25^m$ | 84°14′ |
| 40 10-10 | $24^s,80$ G | |
| 10-14 | 24,83 G | |

**28406 P. — 39649 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $20^h26^m$ | 43°38′ |
| 80 9- 3[1] | $56^s,28$ G | 51″,0 G |
| 9-13 | 56,13 G | 51,6 G |

[1] 𝒜 diminuée de $30^s$ : err. de moy.

**28407 P. — 39573 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $20^h26^m$ | 102°11′ |
| 54 8-26 | $6^s,65$ G | |
| 8-27 | | 33″,4 G |
| | III. | |
| | $20^h26^m$ | 102°8′ |
| 78 8-24 | $56^s,27$ G | 34″,6 G |

**28408 P. — 39587 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $20^h26^m$ | 83°38′ |
| 55 10-13 | $13^s,75$ G | 40″,4 G |
| 59 8-24 | 13,68 G | |
| | III. | |
| | $20^h26^m$ | 83°35′ |
| 71 9-12 | $58^s,04$ M | 39″,8 M |

**28409 P. — 39601 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $20^h26^m$ | 73°42′ |
| 57 8-26 | $17^s,58$ G | |
| 10-13 | 17,32 G | 21″,6 G |
| 58 7-21 | | 21,0 G |
| 9-27 | 17,45 G | 21,0 G |
| 10- 3 | 17,50 G | 20,7 G |
| 10-12 | 17,48 G | |
| | III. | |
| | $20^h26^m$ | 73°39′ |
| 71 9- 5 | $58^s,77$ G | |

**28410 P. — 39567 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $20^h26^m$ | 109°45′ |
| 54 8-24 | $7^s,34$ G | 41″,2 G |
| 8-25 | 7,17 G | |
| | III. | |
| | $20^h26^m$ | 109°42′ |
| 78 9-20 | $59^s,00$ M | 46″,6 M |
| 9-21 | 59,30 M | 45,7 M |

**28411 P. — 39627 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $20^h26^m$ | 62°57′ |
| 58 9-23 | $33^s,34$ G | 31″,2 G |
| | III. | |
| | $20^h27^m$ | 62°54′ |
| 71 9-17 | $11^s,01$ G | 31″,9 G |

**28412 P. — 39566 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $20^h26^m$ | 117°42′ |
| 58 10- 6 | | 25″,9 G |
| | III. | |
| | $20^h27^m$ | 117°39′ |
| 80 8- 9 | $12^s,27$ M | 24″,4 M |
| 9- 9 | 12,26 M | 22,2 M |

**28413 P. — 39579 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $20^h25^m$ | 104°14′ |
| 39 8-21 | $33^s,67$ G | |
| 8-23 | 33,64 G | 57″,2 F |
| 8-24 | 33,59 G | |
| 9-18 | 33,61 G | |
| 40 8-15 | | 60,2 F |
| 8-30 | 33,77 G | |
| 9-21 | 33,60 G | |
| 10- 6 | | 54,5 F |
| 41 8-22 | 33,72 G | |
| 8-27 | 33,50 G | |
| 8-28 | 33,64 G | 57,4 F |
| 8-30 | 33,57 G | |
| 9-10 | 33,49 G | |
| 9-11 | 33,65 G | |
| 9-13 | 33,66 G | |
| 9-19 | 33,70 G | |
| 9-20 | 33,58 G | |
| 9-29 | 33,50 G | |
| | II. | |
| | $20^h26^m$ | 104°11′ |
| 54 8-28 | $23^s,68$ G | 57″,7 G |
| | III. | |
| | $20^h27^m$ | 104°8′ |
| 77 8- 2 | $14^s,06$ G | |
| 8-13 | 14,17 M | 54″,2 M |
| 8-14 | 14,03 M | 55,4 M |
| 8-17 | 14,05 M | 55,4 M |
| 9-10 | 14,11 M | 55,4 M |
| 9-14 | 14,17 M | 55,4 M |
| 9-28 | 14,19 M | 56,3 M |

**28414 P. — 25007 Mn$_1$.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $20^h26^m$ | 82°2′ |
| 59 9- 8 | $30^s,45$ G | |

**28415 P. — 39607 à 09 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $20^h25^m$ | 79°13′ |
| 37 10-12 | $48^s,39$ G | |
| 38 8-27 | 48,42 G | |
| 10- 4 | 48,49 G | |
| 39 8-28 | 48,36 G | |
| 41 7- 3 | 48,35 G | |
| 8- 7 | 48,46 G | 10″,5 F |
| 42 10-15 | 48,52 G | |
| 10-16 | 48,25 G | |
| 10-17 | 48,39 G | |
| 43 8-29 | 48,24 G | |
| 8-30 | 48,34 G | 10,6 F |
| 9- 1 | 48,22 G | |
| 45 8- 2 | 48,45 G | |
| 8- 4 | 48,43 G | |
| 48 5-23 | 48,48 G | |
| 49 8-21 | 48,38 G | |
| 52 8- 1 | 48,49 G | |
| 11-20 | 48,62 G | |
| | II. | |
| | $20^h26^m$ | 79°10′ |
| 54 8-20 | $31^s,42$ G | |
| 56 7-24 | 31,36 G | |
| 9-14 | 31,26 G | |
| 57 7-23 | 31,23 G | |

**28415 P. (suite).**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $20^h26^m$ | 79°10′ |
| 57 10-22 | | 12″,2 G |
| 58 9- 6 | $31^s,38$ G | 13,1 G |
| 9- 8 | | 12,1 F |
| 59 7-25 | 31,31 G | |
| 8-29 | 31,54 G | 12,1 G |
| 63 8- 6 | 31,46 G | |
| 8- 8 | 31,41 G | |
| 8- 9 | 31,33 G | |
| 8-10 | 31,29 G | |
| 8-12 | 31,36 G | |
| 8-14 | 31,47 G | |
| 8-24 | 31,53 G | |
| 8-25 | 31,42 G | |
| 8-31 | 31,48 G | |
| 9-15 | 31,37 G | |
| 64 7-29 | 31,31 G | |
| 7-30 | 31,35 G | |
| 8- 6 | 31,47 G | |
| 8- 7 | 31,43 G | |
| 8- 8 | 31,44 G | |
| 8-10 | 31,44 G | |
| 8-11 | 31,40 G | |
| 8-16 | 31,40 G | |
| 8-17 | 31,40 G | |
| 8-24 | 31,25 G | |
| 8-28 | 31,33 G | |
| 9- 4 | 31,31 G | |
| 9- 5 | 31,41 G | |
| 9- 6 | 31,40 G | |
| 9- 9 | 31,43 G | |
| 9-11 | 31,37 G | |
| 9-12 | 31,33 G | |
| 9-17 | 31,52 G | |
| 9-22 | 31,40 G | |
| 9-23 | 31,42 G | |
| 65 9- 2 | 31,48 G | |
| 9- 5 | 31,38 G | |
| 9-12 | 31,41 G | |
| 9-13 | 31,36 G | |
| 67 8-14 | 31,44 M | 11,8 M |
| 8-31 | 31,46 M | 12,2 M |
| 9- 2 | 31,50 M | 12,9 M |
| 9- 4 | 31,52 M | 13,2 M |
| | III. | |
| | $20^h27^m$ | 79°7′ |
| 72 8-16 | $14^s,39$ G | |
| 8-17 | 14,45 G | |
| 8-18 | 14,45 G | |
| 8-19 | 14,42 G | |
| 8-20 | 14,55 G | |
| 8-31 | 14,39 G | |
| 9- 1 | 14,50 G | |
| 9- 7 | 14,51 G | |
| 9- 9 | 14,40 G | |
| 9-10 | 14,31 G | |

**28416 P. — 39616 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $20^h26^m$ | 73°14′ |
| 57 8-13 | $33^s,10$ G | 50″,2 G |
| 9- 6 | 32,95 G | 53,0 G |
| | III. | |
| | $20^h27^m$ | 73°11′ |
| 71 8-12 | $14^s,57$ G | |
| 9-11 | 14,48 G | |
| 9-15 | 14,50 M | 51″,9 M |
| 9-15 | 14,56 G | 52,0 G |

Dates 1800+ — Positions moyennes pour les époques du Catal.

### 28417 P. — 39598 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 26m | 89° 12' |
| 55 10-21 | 29s,10 G | |
| 58 9-13 | 28,96 G | 19",9 G |
| 10- 5 | | 19,0 G |

### 28418 P. — 39577 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 26m | 109° 52' |
| 55 9-27 | | 23",5 G |
| 57 6-29 | 24s,54 G | 21,1 G |
| 58 8- 4 | | 21,1 G |
| III. | 20h 27m | 109° 49' |
| 79 9- 1 | 16s,24 J | 22",6 J |

### 28419 P. — 39582 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 26m | 103° 51' |
| 54 8-29 | 26s,25 G | |
| 8-30[1] | 26,27 G | 47",2 G |
| 66 9-28 | 26,34 M | 55,5 M |
| 10- 8[1] | | 60,5 M |
| 10-16 | 26,34 M | 55,1 M |
| 10-23 | 26,26 M | 53,9 M |
| 67 9-24 | 26,39 M | 54,6 M |
| III. | 20h 27m | 103° 48' |
| 68 8-10 | 16s,30 M | 55",3 M |
| 9- 2 | 16,37 M | 55,8 M |
| 9- 3 | 16,31 M | 55,3 M |
| 9- 4 | 16,45 M | 55,6 M |
| 70 8-17 | 16,44 M | 56,1 M |

[1] 𝒫 non comprise dans la moyenne.

### 28420 P. — 5714 Sf. — 15°.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 26m | 105° 5' |
| 58 11- 1 | | 8",4 G |

### 28421 P. — 39624 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 26m | 73° 7' |
| 57 8-13 | 43s,78 G | |
| 10- 3 | 43,81 G | 29",1 G |
| 58 8- 9 | | 28,4 G |
| III. | 20h 27m | 73° 4' |
| 71 8-12 | | 28",8 G |

### 28422 P. — 25027 Mn₁.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h 27m | 105° 18' |
| 68 8-13 | 26s,46 M | 18",6 M |
| 80 8-31 | 26,59 M | 17,6 M |
| 81 9-19 | 26,57 M | 18,3 M |

### 28423 P. — 39673 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h 26m | 41° 18' |
| 46 8-26 | 31s,84 G | |
| 9-19 | 31,78 G | |
| 9-22 | 31,70 G | |
| 9-25 | 31,42 G | |
| 9-26 | 31,76 G | |
| 49 8-15 | 31,82 G | |
| 8-19 | 31,73 G | |
| III. | 20h 27m | 41° 12' |
| 81 8-21 | 27s,24 G | 2",5 G |

### 28424 P. — 39667 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h 27m | 45° 15' |
| 80 9- 6 | 27s,67 G | 3",9 G |

### 28425 P. — 654 W₁.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 26m | 97° 49' |
| 61 9- 5 | 40s,11 G | 31",6 G |
| 9- 7 | 40,15 G | 30,2 G |
| 9-11 | 40,11 G | |
| 9-12 | | 32,2 G |

### 28426 P. — θ Céphée.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h 26m | 27° 31' |
| 53 8- 5 | | 33",9 G |

### 28427 P. — 663 W₁.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h 25m | 88° 49' |
| 40 8-28 | 58s,52 G | |
| 8-29 | | 53",8 F |
| 8-31 | 58,46 G | 51,5 F |

### 28428 P. — 3260 Gr.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h 31m | 5° 57' |
| 43 9- 8 | 9s,54 G | |
| 9-10[1] | 9,50 G | 22",5 F |

[1] 𝒫 diminuée de 100° : erreur de réduct.

### 28429 P. — 39644 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 26m | 63° 15' |
| 58 8- 6 | | 44",1 G |
| 59 8-12 | 56s,38 G | |
| 8-22 | 56,33 G | 44,6 G |
| 63 8- 3 | 56,37 M | 42,4 M |
| 8-12 | 56,47 M | 43,1 M |

### 28430 P. — 39640 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 26m | 68° 19' |
| 58 9-10 | 58s,67 G | 28",3 G |
| 10-15 | 58,51 G | 27,8 G |
| 11-11 | 58,71 G | 27,8 G |

### 28431 P. — 11460 Cambridge.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 27m | 60° 7' |
| 58 11- 4 | 4s,56 G | |

### 28432 P. — 39611 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 26m | 99° 25' |
| 55 8-27 | 56s,22 G | 51",5 G |
| 57 7-24 | 56,06 G | |
| III. | 20h 27m | 99° 22' |
| 79 8-25 | 44s,90 J | 51",8 J |

### 28433 P. — 39625 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h 26m | 85° 37' |
| 40 8-20 | | 36",6 F |
| II. | 20h 27m | 85° 34' |
| 56 7-22 | 1s,51 G | |
| 58 9-15 | 1,58 G | 37",1 G |
| 63 8- 6 | 1,60 M | 37,1 M |

### 28434 P. — 664 W₁.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h 27m | 104° 52' |
| 77 8-23 | 46s,49 M | 5",4 M |
| 9-12 | 46,62 M | 7,3 M |
| 9-13 | 46,44 M | 6,6 M |
| 9-27 | 46,47 M | 6,0 M |
| 9-29 | 46,56 M | 6,9 M |
| 10- 1 | 46,59 M | 6,3 M |

### 28435 P. — 39696-97 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h 26m | 38° 12' |
| 41 8-27[1] | | 57",2 F |
| III. | 20h 27m | 38° 6' |
| 81 9-13 | 46s,57 G | 53",9 G |

[1] Observation faite près du zénith sans indication de la position de l'observateur. On n'a pas tenu compte de la valeur de l'équation personnelle dans le calcul de la distance polaire.

### 28436 P. — 39603 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 26m | 106° 16' |
| 54 9- 1 | 57s,05 G | 22",5 G |
| 9- 8 | 57,00 G | |
| 58 10- 8 | | 26,7 G |
| III. | 20h 27m | 106° 13' |
| 78 9-19 | 48s,06 M | 26",9 M |
| 9-24 | 47,60 M | 26,9 M |

### 28437 P. — 39637 et 80 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 27m | 80° 24' |
| 55 10-16 | 9s,00 G | |
| 56 7-15 | | 57",8 G |
| 59 7-21 | 8,80 G | 60,0 G |
| 62 9-11 | 9,03 G | |
| III. | 20h 27m | 80° 21' |
| 74 9-19 | 52s,37 M | 59",1 M |
| 9-24 | 52,40 M | 59,0 M |
| 75 8-23 | 52,44 M | 59,1 M |
| 9- 6 | 52,46 M | 59,8 M |
| 9- 7 | 52,38 M | 60,0 M |
| 9-14 | 52,48 M | 58,9 M |

### 28438 P. — 39654 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 27m | 67° 29' |
| 58 8-30 | 16s,03 G | |
| 59 7-25 | | 33",1 G |
| 7-26 | 16,00 G | 32,9 G |

### 28439 P. — 39628 à 30 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 27m | 90° 57' |
| 55 8-26 | | 17",8 G |
| 9- 9 | 10s,91 G | |
| 56 7-26 | 10,86 G | |
| 64 8-26 | 10,94 M | 18,1 M |
| III. | 20h 27m | 90° 54' |
| 68 8-28 | 57s,16 M | 21",9 M |
| 74 9-12 | 57,23 M | 17,9 M |
| 75 8-10 | 57,12 M | 18,9 M |
| 8-20 | 57,17 M | 18,8 M |
| 76 7-26 | 57,10 M | 18,1 M |
| 7-26 | 57,28 G | 18,5 G |
| 8- 7 | 57,36 M | 18,9 M |
| 8- 8 | 57,21 G | 18,2 G |
| 8- 9 | 57,14 G | 18,5 G |
| 8-10 | 57,32 M | 18,2 M |

### 28440 P. — 39645 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 27m | 78° 30' |
| 58 7-17 | 16s,59 G | |
| 8-11 | 16,55 G | 9",6 G |
| 59 7- 4 | 16,50 G | |
| 9-18 | 16,84 G | 9,9 G |

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. Æ. | 𝒫. |
|---|---|---|

**28440 P. (suite).**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | III. | |
| | 20ʰ27ᵐ | 78°27′ |
| 71 8-27 | 59ˢ,41 G | |

**28441 P. — 39648 L.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | II. | |
| | 20ʰ27ᵐ | 78°22′ |
| 58 8-24 | 17ˢ,80 G | 29″,4 G |
| 59 9-18 | 18,12 G | |
| | III. | |
| | 20ʰ28ᵐ | 78°19′ |
| 71 8- 7 | 0ˢ,69 G | 28″,5 G |
| 8- 9 | 0,63 G | 28,3 G |
| 8-19 | 0,72 G | |

**28442 P. — 687 W₁.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | II. | |
| | 20ʰ27ᵐ | 80°13′ |
| 57 10-15 | 18ˢ,17 G | 24″,6 G |

**28443 P. — 39668 L.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | II. | |
| | 20ʰ27ᵐ | 58°49′ |
| 67 8- 5 | 25ˢ,49 G | 4″,2 G |
| | III. | |
| | 20ʰ28ᵐ | 58°46′ |
| 69 9- 8 | 1ˢ,76 M | 3″,1 M |
| 9-23 | 1,90 M | 3,0 M |

**28444 P. — 39650 L.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | I. | |
| | 20ʰ26ᵐ | 77°29′ |
| 46 7-22 | 37ˢ,24 G | 60″,4 G |
| 9- 2 | 37,16 G | |
| 9-13 | 37,07 G | |
| 9-25 | | 60,9 G |
| 10- 3 | 37,17 G | |
| 10-21 | 37,10 G | |
| 10-22 | 37,17 G | |
| 10-23 | 37,07 G | |
| 11- 3 | 36,95 G | |
| 11- 4 | 37,10 G | |
| 11-14 | 37,08 G | |
| 47 8-14 | 37,09 G | |
| 10- 3 | | 60,5 G |
| 48 7-14 | 37,20 G | |
| 7-15 | 37,29 G | |
| 7-17 | 37,05 G | |
| 7-26 | 37,03 G | |
| 9-20 | 37,10 G | |
| 49 9- 7 | 37,27 G | |
| 50 8- 2 | 37,05 G | |
| 51 8-14[1] | 37,07 G | |
| 11- 5 | 37,40 G | |
| 52 11- 3 | | 59,8 G |
| 11- 6 | 37,33 G | |
| 11- 9 | | 60,5 G |
| 11-10 | | 59,6 G |

**28444 P. (suite).**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | II. | |
| | 20ʰ27ᵐ | 77°27′ |
| 56 8-15 | 19ˢ,62 G | |
| 58 7-25 | 19,88 G | 0″,6 G |
| 10- 1 | 19,58 G | 0,0 G |

[1] Æ augmentée de 1ᵐ : err. de transcr.

**28445 P. — 39657 L.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | II. | |
| | 20ʰ27ᵐ | 69°22′ |
| 58 9-17 | 22ˢ,31 G | |
| 59 8-12 | | 7″,8 G |

**28446 P. — 39626 L.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | II. | |
| | 20ʰ27ᵐ | 96°44′ |
| 61 8-30 | 14ˢ,49 G | 40″,5 G |
| 8-31 | 14,27 G | 40,0 G |
| | III. | |
| | 20ʰ28ᵐ | 96°41′ |
| 74 8-26 | 2ˢ,52 G | |
| 79 8- 2 | 2,55 J | 36″,7 J |

**28447 P. — 25077 Mn₁.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | II. | |
| | 20ʰ27ᵐ | 83°35′ |
| 56 9- 6 | 19ˢ,31 G | |

**28448 P. — 4379 A + 12°.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | II. | |
| | 20ʰ27ᵐ | 77°28′ |
| 58 7-25 | 21ˢ,90 G | |

**28449 P. — 39610 L.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | II. | |
| | 20ʰ27ᵐ | 114°0′ |
| 55 9- 8 | 13ˢ,10 G | |
| 9-25 | | 51″,0 G |
| | III. | |
| | 20ʰ28ᵐ | 113°57′ |
| 79 8-20 | 6ˢ,30 J | 51″,5 J |

**28450 P. — 39683 L.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | II. | |
| | 20ʰ27ᵐ | 51°12′ |
| 67 8-19 | 33ˢ,39 G | 13″,9 G |
| | III. | |
| | 20ʰ28ᵐ | 51°9′ |
| 74 8-26 | 6ˢ,61 M | 13″,8 M |
| 75 8-16 | 6,63 M | 12,5 M |

**28451 P. — 934 W₂.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | II. | |
| | 20ʰ27ᵐ | 69°21′ |
| 58 9-17 | 26ˢ,50 G | |
| | III. | |
| | 20ʰ28ᵐ | 69°18′ |
| 79 9-20 | 6ˢ,63 J | 52″,9 J |

**28452 P. — 39642 L.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | II. | |
| | 20ʰ27ᵐ | 85°53′ |
| 56 8-31 | 22ˢ,24 G | 1″,4 G |
| 58 8-28 | | 1,2 F |
| | III. | |
| | 20ʰ28ᵐ | 85°50′ |
| 79 8-16 | 7ˢ,37 M | 0″,6 M |

**28453 P. — 39638-39 L.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | I. | |
| | 20ʰ26ᵐ | 91°12′ |
| 41 10-12 | 34ˢ,79 G | |
| 10-15 | 34,77 G | |
| | II. | |
| | 20ʰ27ᵐ | 91°9′ |
| 55 9-15 | 21ˢ,21 G | |
| 9-16 | 21,37 G | 6″,9 G |
| | III. | |
| | 20ʰ28ᵐ | 91°6′ |
| 76 8-11 | 7ˢ,73 G | 7″,7 G |
| 8-31 | 7,73 G | 7,0 G |
| 9-19 | 7,67 G | 7,6 G |

**28454 P. — 39634 L.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | II. | |
| | 20ʰ27ᵐ | 93°58′ |
| 60 8- 9 | 21ˢ,26 G | 52″,7 G |
| 9-12 | 21,24 G | 54,5 G |
| 61 10- 2 | 21,22 G | 53,7 G |
| 10- 5 | | 54,3 G |
| 62 9-20 | 21,15 G | 53,8 G |
| | III. | |
| | 20ʰ28ᵐ | 93°55′ |
| 76 9-21 | 8ˢ,19 G | 52″,0 G |
| 78 9- 3 | 8,36 J | 52,4 J |
| 9-21 | 8,24 G | |

**28455 P. — 39655 L.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | II. | |
| | 20ʰ27ᵐ | 75°45′ |
| 60 7-21 | 26ˢ,12 G | 45″,7 G |
| 9-19 | 26,20 G | 48,1 G |
| 9-19 | | 45,2 F |
| 10- 4 | 26,24 G | 46,7 G |
| 11- 6 | | 44,7 G |
| 61 10- 4 | | 46,8 G |
| 62 9-15 | 26,44 G | 46,3 G |
| 10- 1 | 26,35 G | 46,3 G |
| 67 8- 5 | 26,32 M | 46,4 M |

**28456 P. — 39672 L.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | II. | |
| | 20ʰ27ᵐ | 60°57′ |
| 58 8-28 | 35ˢ,67 G | |
| 59 8-16 | 35,67 G | 2″,2 G |
| | III. | |
| | 20ʰ28ᵐ | 60°54′ |
| 79 9- 2 | 12ˢ,79 G | |
| 9- 4 | 12,70 G | 1″,5 G |

**28457 P. — 39669 L.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | III. | |
| | 20ʰ28ᵐ | 64°35′ |
| 80 9-24 | 16ˢ,54 J | 22″,5 J |
| 81 8-21 | 16,27 J | 22,0 J |

**28458 P. — 39670 L.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | II. | |
| | 20ʰ27ᵐ | 64°35′ |
| 61 7-29 | 38ˢ,46 G | |

**28459 P. — 690 W₁.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | II. | |
| | 20ʰ27ᵐ | 94°3′ |
| 60 8- 9 | 31ˢ,39 G | |

**28460 P. — 39659-60 L.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | II. | |
| | 20ʰ27ᵐ | 80°12′ |
| 57 7-12 | 35ˢ,94 G | |
| 10- 2 | 35,75 G | 34″,7 G |
| 10- 6 | 36,02 G | 34,8 G |

**28461 P. — 5720 Sf. — 15°.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | III. | |
| | 20ʰ28ᵐ | 105°10′ |
| 68 8-12 | 19ˢ,82 M | 31″,8 M |
| 80 9- 3 | 19,94 M | 31,1 M |

**28462 P. — 39617 L.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | II. | |
| | 20ʰ27ᵐ | 117°15′ |
| 55 7-21 | 28ˢ,15 G | 11″,3 G |
| 59 10-17 | | 12,9 G |
| | III. | |
| | 20ʰ28ᵐ | 117°12′ |
| 79 8-30 | 22ˢ,36 J | 10″,7 J |

**28463 P. — 39656 L.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | I. | |
| | 20ʰ26ᵐ | 83°39′ |
| 40 10-14 | 54ˢ,39 G | |

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|

**28463 P. (suite).**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h27m | 83°35′ |
| 56 9-6 | 38s,53 G | |
| 58 7-13 | | 57″,8 G |
| 59 8-23 | 38,61 G | 58,8 G |
| 60 9-15 | 38,68 G | 59,2 G |

**28464 P. — 39674 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h27m | 66°16′ |
| 58 9-19 | 45s,19 G | |
| 59 9-24 | 45,13 G | 31″,8 G |
| III. | 20h28m | 66°13′ |
| 79 9-4 | 24s,09 J | 31″,6 J |

**28465 P. — 39621 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h27m | 114°51′ |
| 55 7-30 | 30s,93 G | |
| 58 8-15 | | 11″,1 G |
| 8-27[1] | | 12,6 G |
| 9-9 | 30,94 G | |

[1] 𝒫 augmentée de 3′. L'observateur a omis le nombre de tours de vis des microscopes et l'on a réduit avec $0^t$.

**28466 P. — 39704-05 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h27m | 48°35′ |
| 67 9-11 | 55s,10 M | 37″,2 M |
| 10-3[1] | 54,91 M | 37,0 M |

[1] 𝒫 diminuée de 5′.

**28467 P. — 39632, 33 et 35 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h26m | 107°3′ |
| 39 9-9 | 45s,61 G | |
| 40 8-29 | 45,68 G | |
| 8-30 | 45,65 G | |
| 9-12 | 45,45 G | |
| 9-30 | 45,60 G | |
| 41 10-6[1] | 45,68 G | |
| II. | 20h27m | 107°0 |
| 54 9-3 | 36s,44 G | 13″,5 G |
| III. | 20h28m | 106°57′ |
| 79 7-30 | 27s,64 J | 11″,5 J |
| 8-26 | 27,82 J | 12,4 J |
| 9-3 | 27,73 J | 12,5 J |

[1] Erreur de 1° dans la déclinaison indiquée au Tome IV. Le registre porte ★ $h = 24°9'$.

**28468 P. — 201 Piazzi.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h27m | 79°9′ |
| 58 9-6 | 45s,02 G | |
| 59 7-25 | 44,75 G | |

**28469 P. — 39641 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h27m | 101°49′ |
| 54 9-7 | 38s,80 G | |
| 9-25 | | 19″,6 G |
| III. | 20h28m | 101°46′ |
| 80 8-11 | 28s,16 M | 20″,4 M |
| 81 8-18 | 28,24 M | 19,1 M |

**28470 P. — 39643 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h27m | 99°28′ |
| 56 7-31 | 39s,40 G | |
| 58 8-20 | 39,32 G | 52″,8 G |
| 9-8 | 39,42 G | 54,6 G |

**28471 P. — 39682 et 85 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h28m | 62°33′ |
| 74 9-1 | 29s,95 M | 17″,2 M |
| 79 9-11 | 30,01 G | 15,6 G |
| 81 10-1 | 30,07 J | 16,2 J |

**28472 P. — 39692 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h27m | 57°34′ |
| 67 7-30 | 54s,85 G | 5″,8 G |
| III. | 20h28m | 57°31′ |
| 79 9-19 | 30s,84 G | 5″,7 G |

**28473 P. — 39686 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h27m | 62°20′ |
| 59 7-28 | 53s,65 G | |
| III. | 20h28m | 62°17′ |
| 79 9-18 | 31s,23 G | 59″,4 G |
| 9-20 | 31,16 G | 54,8 G |

**28474 P. — 39711 à 13 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h27m | 47°17′ |
| 66 8-18 | 60s,00 G | |
| 8-22 | 59,92 G | |
| 8-23 | 59,92 G | |

**28474 P. (suite).**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h28m | 47°14′ |
| 80 9-29 | 31s,18 G | 1″,4 G |
| 81 8-22 | 31,17 G | 1,9 G |
| 10-5 | 31,30 G | 3,0 G |
| 10-14 | 31,28 G | |

**28475 P. — 39636 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h27m | 109°33′ |
| 54 9-2 | 40s,80 G | 51″,0 G |
| 9-30 | | 52,5 G |
| III. | 20h28m | 109°30′ |
| 78 9-27 | 32s,56 M | 51″,5 M |
| 10-2 | 32,58 M | 50,5 M |

**28476 P. — 39720 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h28m | 45°26′ |
| 80 8-26 | 33s,98 G | 46″,8 G |
| 8-30 | 33,58 G | 46,9 G |

**28477 P. — 39646 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h27m | 103°26′ |
| 54 9-10 | 45s,08 G | |
| 9-29 | 44,96 G | 20″,0 G |
| III. | 20h28m | 103°23′ |
| 78 10-3 | 34s,78 M | 20″,6 M |

**28478 P. — 39681 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h27m | 69°29′ |
| 58 7-14 | 55s,61 G | |
| 9-16 | 55,63 G | 31″,8 G |
| 9-17 | | 30,2 G |
| 59 7-31 | 55,45 G | |

**28479 P. — 39687 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h28m | 64°48′ |
| 81 8-22 | 36s,40 J | 35″,8 J |
| 8-24 | 36,51 J | 35,4 J |

**28480 P. — 39679 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h27m | 73°20′ |
| 56 9-20 | 59s,89 G | |
| 57 9-1 | | 19″,3 G |
| 9-6 | 59,85 G | |

**28480 P. (suite).**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h28m | 73°17′ |
| 71 8-10 | 41s,27 G | 18″,1 G |
| 9-12 | 41,39 G | |

**28481 P. — 39719 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h28m | 49°51′ |
| 67 8-27 | 10s,50 G | 48″,2 G |
| III. | 20h28m | 49°48′ |
| 79 9-25[1] | 42s,84 J | 47″,0 J |

[1] 𝒜 augm. de 0s,17 ; err. de moy.

**28482 P. — 39664 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h27m | 96°0′ |
| 55 8-13 | 57s,21 G | |
| 9-8 | | 13″,1 G |
| III. | 20h28m | 95°57′ |
| 69 8-19 | 45s,15 M | 11″,6 M |
| 74 8-31 | 44,89 G | |
| 9-1 | 45,00 G | 12,9 G |
| 79 9-22 | 45,00 G | 13,5 G |
| 80 6-26 | 45,24 G | |
| 8-23 | 45,01 M | 14,1 M |
| 9-2 | 45,17 M | 14,1 M |

**28483 P. — 39662 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h27m | 96°46′ |
| 58 9-26 | 57s,02 G | 6″,3 G |
| 61 8-30 | 57,27 G | 7,2 G |
| 8-31 | 57,15 G | 6,4 G |

**28484 P. — 39695 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h28m | 60°44′ |
| 71 9-18 | 47s,85 G | 25″,4 G |
| 74 9-19 | 48,02 G | 23,5 G |
| 75 8-17 | 48,00 G | 24,7 G |
| 8-27 | 48,08 G | 23,7 G |

**28485 P. — 25141 $Mn_1$.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h27m | 79°11′ |
| 49 8-21 | 29s,92 G | |
| II. | 20h28m | 79°8′ |
| 58 9-6[1] | 13s,20 G | 30″,8 G |
| 67 8-31 | 13,23 M | 31,2 M |
| 9-4 | 13,17 M | 31,6 M |

[1] Erreur de 8m dans l'ascension droite approchée inscrite à l'observation de distance polaire. L'étoile a été observée entre 39607 L. et 39871 L.

Dates 1800 + — Positions moyennes pour les époques du Catal.

**28486 P. — 202 Piazzi.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | $20^{h}27^{m}$ | 92°34' |
| 41 9-10 | $23^{s},87$ G | |
| 9-11 | 23,83 G | |
| 9-19 | 24,04 G | |
| 9-20 | 23,80 G | |

**28487 P. — 11484 Cambridge.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $20^{h}28^{m}$ | 62°18' |
| 59 7-28 | $21^{s},32$ G | 47",6 G |

**28488 P. — 25150 $Mn_1$.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $20^{h}28^{m}$ | 88°10' |
| 61 8-12 | $15^{s},32$ G | |

**28489 P. — 39721-22 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | $20^{h}27^{m}$ | 55°16' |
| 46 7-28 | $52^{s},49$ G | |
| 7-29 | 52,32 G | |
| 8-14 | 52,59 G | |
| 8-17 | 52,45 G | 36",5 G |
| 8-21 | 52,46 G | 36,5 G |
| 9-18 | 52,60 G | |
| 47 9- 9 | | 37,4 G |
| 48 8- 2 | 52,51 G | |
| 8- 9 | | 37,4 G |
| 8-12 | | 35,8 G |
| 9-15 | 52,68 G | |
| 49 9-21 | 52,49 G | |
| 50 9- 4 | 52,57 G | |
| 9-17 | 52,66 G | |
| II. | $20^{h}28^{m}$ | 55°13' |
| 66 9-10 | $27^{s},32$ G | |
| 9-15 | 27,48 G | |
| 67 8-23 | 27,32 G | 36",7 G |
| III. | $20^{h}29^{m}$ | 55°10' |
| 79 7-31 | | 33",6 G |
| 8-12 | $2^{s},47$ G | |

**28490 P. — 39726 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | $20^{h}29^{m}$ | 51°50' |
| 81 8-27 | $2^{s},96$ J | 36",8 J |
| 9-13 | 3,17 J | 37,0 J |

**28491 P.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | $20^{h}29^{m}$ | 80°22' |
| 73 8-23 | $3^{s},59$ M | 56",6 M |

**28492 P. — 25153 $Mn_1$.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | $20^{h}27^{m}$ | 84°15' |
| 40 8-31 | | 0",4 F |

**28493 P. — 39724 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $20^{h}28^{m}$ | 55°47' |
| 67 9-11 | | 55",7 G |
| III. | $20^{h}29^{m}$ | 55°44' |
| 79 8-26 | $8^{s},22$ G | 55",5 G |
| 81 7-27 | 8,33 M | 54,0 M |
| 9-13 | 8,14 G | 53,6 M |

**28494 P. — 39693-94 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $20^{h}28^{m}$ | 80°11' |
| 57 8-18 | $25^{s},17$ G | |
| III. | $20^{h}29^{m}$ | 80°8' |
| 71 9- 9 | $8^{s},44$ M | 22",7 M |
| 9-12 | 8,49 M | 21,9 M |

**28495 P. — 25160 $Mn_1$.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | $20^{h}27^{m}$ | 88°41' |
| 40 8-28 | $37^{s},49$ G | |
| 8-29 | | 26",7 F |
| 8-31 | 37,30 G | |

**28496 P. — 39678 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $20^{h}28^{m}$ | 93°47' |
| 55 8-22 | $22^{s},83$ G | |
| 56 7- 6 | | 56",5 G |
| III. | $20^{h}29^{m}$ | 93°44' |
| 78 9-19 | $10^{s},03$ G | 57",8 G |

**28497 P. — 39749 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | $20^{h}29^{m}$ | 40°35' |
| 80 9-26 | $10^{s},12$ G | 6",9 G |
| 81 8-24 | 10,08 G | 6,2 G |

**28498 P. — 7786 Berlin B.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $20^{h}28^{m}$ | 68°16' |
| 58 9-10 | $32^{s},43$ G | 1",5 G |
| 10-15 | 32,14 G | 2,8 G |
| 11-11 [1] | 32,23 G | |

[1] 𝒜 diminuée de $2^{s}$ : erreur de moy.

**28499 P. — 39665-66 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | $20^{h}27^{m}$ | 111°7' |
| 44 8-21 | $27^{s},87$ G | |
| II. | $20^{h}28^{m}$ | 111°3' |
| 54 9-27 | $19^{s},98$ G | |
| 55 9- 7 | 20,08 G | 57",8 G |
| 61 8-28 | 20,02 G | |
| 9-27 | 20,01 G | 58,8 G |

**28500 P. — 4386 A + 12°.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | $20^{h}29^{m}$ | 77°32' |
| 81 10- 3 | $13^{s},10$ M | 41",7 M |

**28501 P. — 39764 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | $20^{h}29^{m}$ | 37°24' |
| 81 9-17 | $13^{s},74$ G | 2",2 G |
| 9-19 | 13,40 G | 1,5 G |

**28502 P. — 39731 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | $20^{h}29^{m}$ | 51°44' |
| 81 9-16 | $13^{s},44$ J | 18",7 J |
| 9-18 | 13,81 J | 17,2 J |
| 9-19 | 13,80 J | 17,3 J |

**28503 P. — 39671 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $20^{h}28^{m}$ | 105°47' |
| 54 9-27 | | 25",5 G |
| 58 11- 2 | $27^{s},18$ G | 23,6 G |
| III. | $20^{h}29^{m}$ | 105°44' |
| 68 8-13 | $17^{s},51$ M | 22",3 M |
| 75 8-16 | 17,69 G | 23,0 G |
| 77 8- 2 | 17,69 G | |
| 8-21 | 17,54 M | 23,7 M |
| 8-27 | 17,66 M | 24,7 M |
| 9-11 | 17,69 M | 24,1 M |
| 10- 4 | 17,44 M | 25,2 M |
| 10- 5 | 17,59 M | 25,8 M |

**28504 P. — 11489 Cambridge.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $20^{h}28^{m}$ | 62°22' |
| 59 7-28 | $41^{s},85$ G | |

**28505 P. — 39699 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $20^{h}28^{m}$ | 83°31' |
| 56 8-26 | | 58",1 G |
| 57 8- 6 | $36^{s},54$ G | 58,2 G |

**28505 P. (suite).**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $20^{h}28^{m}$ | 83°31' |
| 60 9-15 | $36^{s},57$ G | 60",0 G |
| 9-29 | 36,63 G | 59,9 G |
| 62 8-21 | 36,41 G | 59,7 G |
| 9-19 | 36,64 G | 59,6 G |

**28506 P. — 39737-38 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | $20^{h}29^{m}$ | 48°39' |
| 79 9- 1 | $21^{s},24$ G | 8",3 G |

**28507 P. — 39690-91 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $20^{h}28^{m}$ | 90°28' |
| 55 8-16 | | 50",1 G |
| 56 7- 6 | $35^{s},80$ G | |
| 57 8-11 | 35,86 G | |
| 10-16 | 35,85 G | 51,3 G |
| 58 7-30 | 35,76 G | 49,4 G |
| III. | $20^{h}29^{m}$ | 90°25' |
| 76 8-17 | $21^{s},96$ G | 49",2 G |
| 9-22 | 21,90 G | 50,1 G |
| 9-23 | 22,11 G | 48,8 G |

**28508 P. — 39676-77 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $20^{h}28^{m}$ | 102°51' |
| 54 9-18 | $32^{s},78$ G | 45",0 G |
| III. | $20^{h}29^{m}$ | 102°48' |
| 78 8-16 | $22^{s},55$ G | 44",0 G |

**28509 P. — 4062 A + 23°.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $20^{h}28^{m}$ | 66°46' |
| 58 8- 8 | $43^{s},76$ G | |

**28510 P. — 39753 et 80 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | $20^{h}29^{m}$ | 45°15' |
| 80 8-23 | $26^{s},88$ G | 5",1 G |
| 8-27 | 26,93 G | 6,7 G |
| 9- 8 | 26,80 G | 6,4 G |
| 9-20 | 26,62 G | 6,4 G |
| 9-24 | 26,62 G | 6,9 G |
| 81 10- 3 | 26,51 G | |

**28511 P. — 39701-02 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | $20^{h}27^{m}$ | 87°13' |
| 40 8-20 | | 34",3 F |

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|---|---|---|

### 28511 P. (suite).

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 20h28m | 87°10' |
| 57 8-22 | 41s,72 G | 30",0 G |
| 58 8-12 | 41,70 G | 30,4 G |
| 60 8-12 | 41,65 G | |
| 9-18 | | 30,7 G |
| 61 8-14 | 41,49 G | |
| 9- 2 | 41,62 G | |
| 62 8-12 | 41,81 G | 31,4 G |
| 8-13 | 41,79 G | 31,3 G |
| 9- 9 | 41,71 G | 31,9 G |
| 9-22 | 41,67 G | 31,3 G |
| III. | 20h29m | 87°7' |
| 69 10- 7 | | 30",9 G |
| 74 8-20 | 26s,79 G | 31,0 G |
| 9-24 | 26,83 M | 30,6 M |
| 75 8-23 | 26,75 G | 31,0 G |
| 9- 2 | 26,85 M | 31,6 M |
| 9-17 | 26,69 M | 30,5 M |
| 76 8-24 | 26,90 M | 30,7 M |

### 28512 P. — 206 Piazzi.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 20h28m | 79°8' |
| 67 9- 2[1] | 44s,16 M | 22",6 M |

[1] D augmentée de 10": erreur de transc. dans le micromètre.

### 28513 P. — 39716-17 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 20h28m | 75°51' |
| 37 7-29 | 3s,68 G | |
| 8- 2 | 3,68 G | 26",0 F |
| 8-15 | 3,60 G | |
| 8-16 | 3,62 G | |
| 9-20 | 3,61 G | 25,6 F |
| 38 8-13 | 3,63 G | |
| 8-15 | 3,57 G | |
| 8-21 | 3,69 G | |
| 8-27 | 3,69 G | |
| 9- 1 | 3,63 G | |
| 9- 2 | 3,72 G | 25,3 F |
| 9- 3 | 3,60 G | |
| 9-11 | 3,65 G | 24,8 F |
| 10- 4 | 3,67 G | |
| 10-10 | 3,75 G | 25,0 F |
| 39 9- 8 | 3,75 G | |
| 40 11- 1 | 3,63 G | |
| 41 8- 7 | 3,77 G | |
| 8-13 | 3,64 G | |
| 8-14 | 3,76 G | |
| 8-18 | 3,84 G | |
| 8-19 | 3,68 G | |
| 9-13 | 3,67 G | |
| 43 8- 8 | | 24,2 G |
| 8-30 | 3,51 G | 23,1 F |
| 45 8- 2 | 3,73 G | |
| 8- 4 | 3,60 G | |
| 52 11-17 | 3,86 G | |
| 11-20 | 3,97 G | |
| 53 8- 8 | 3,91 G | |
| 9- 9 | 3,81 G | |
| 10-13 | 3,81 G | |
| 10-14 | 3,74 G | |
| 10-23 | 3,79 G | |
| 10-24 | 3,68 G | |

### 28513 P. (suite).

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 20h28m | 75°48' |
| 56 9-14 | 45s,69 G | |
| 57 8-14 | 45,76 G | 22",4 G |
| 10-22 | | 23,1 G |
| 58 8-31 | 45,67 G | 22,2 G |
| 9-11 | 45,83 G | 22,5 G |
| 64 7-19 | | 21,7 G |
| 7-26 | | 22,9 G |
| 8- 1 | | 22,3 G |
| 8-26 | | 21,9 G |
| 65 8-26 | | 23,2 G |
| 8-30 | | 22,4 G |

### 28514 P. — 39715 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 20h28m | 77°29' |
| 48 7-17 | 5s,08 G | |
| III. | 20h29m | 77°23' |
| 71 9- 2 | 30s,40 G | |
| 81 9-29 | 30,30 M | 28",2 M |
| 9-30 | 30,22 M | 28,7 M |

### 28515 P. — 39768 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 20h29m | 40°18' |
| 81 9-28 | 34s,39 G | 30",6 G |
| 9-29 | 34,14 G | 30,3 G |

### 28516 P. — 39730 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 20h28m | 66°46' |
| 58 8- 8 | 56s,24 G | 9",6 G |
| 59 7-26 | 55,96 G | |
| III. | 20h29m | 66°43' |
| 71 9-20 | 35s,17 G | 7",9 G |

### 28517 P. — 25195 Mn1.

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 20h28m | 92°3' |
| 43 9- 5 | 3s,12 G | |

### 28518 P. — 4391 A + 12°.

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 20h29m | 77°38' |
| 71 8-13 | 37s,95 G | |
| 9- 3[1] | 37,66 G | |
| 80 9-13 | 37,95 M | 46",2 M |

[1] Æ augmentée de 0s,50: erreur de 1s sur 3 fils.

### 28519 P. — 39734 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 20h29m | 61°55' |
| 58 8-10 | 0s,88 G | 56",3 G |
| 9-14 | 0,96 G | |
| 10- 2 | 0,98 G | |

### 28520 P. — 39675 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 20h28m | 99°48' |
| 58 9- 4 | | 50",7 G |
| III. | 20h29m | 99°45' |
| 76 9-21 | 40s,66 M | 48",0 M |
| 9-22 | 40,56 M | 48,6 M |

### 28521 P. — 39740-41 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 20h29m | 57°58' |
| 66 10-17 | 7s,41 G | 26",1 G |
| 67 9- 6 | 7,41 G | 26,6 G |
| III. | 20h29m | 57°55' |
| 79 8-11 | 43s,26 G | 22",8 G |

### 28522 P. — 5772 Sf — 21°.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 20h28m | 111°3' |
| 58 8- 4 | | 2",0 G |

### 28523 P. — 39688-89 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 20h28m | 111°2' |
| 61 8-28 | 53s,52 G | |
| 10-10 | 53,19 G | 48",4 G |

### 28524 P. — 39703 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 20h28m | 99°42' |
| 55 9-16 | | 17",9 G |
| 9-26[1] | 57s,38 G | 11,1 G |
| 64 8-30 | 57,25 M | 14,5 M |
| III. | 20h29m | 99°39' |
| 79 9- 2 | 46s,05 J | 13",1 J |

[1] D non comprise dans la moy.; pourrait se rapporter à 39718 L. en admettant une erreur de 2'.

### 28525 P. — 39706 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 20h28m | 95°51' |
| 56 7-28 | 59s,05 G | |
| 8- 2 | | 25",7 G |
| III. | 20h29m | 95°48' |
| 79 9-10 | 46s,60 J | 23",6 J |
| 9-11 | 46,73 J | 24,7 J |

### 28526 P. — 39776 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 20h29m | 43°47' |
| 62 7-25 | 19s,86 G | |
| 7-27 | 19,55 G | |
| 7-31[1] | 19,67 G | |
| 8- 1 | 19,84 G | |
| 67 9-12 | 19,52 M | 5",3 M |
| III. | 20h29m | 43°44' |
| 79 8-30 | 49s,19 G | 1",2 G |
| 9-24 | 49,26 G | 3,7 G |

[1] Æ augmentée de 1m.

### 28527 P. — 39745 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 20h29m | 57°58' |
| 80 8-31 | 49s,67 J | 12",1 J |
| 9- 2 | 49,66 J | 11,4 J |
| 81 8- 6 | 49,71 J | 12,1 J |
| 8-18 | 49,73 J | 12,5 J |
| 9-28 | 49,69 J | 11,1 J |

### 28528 P. — 39777 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 20h29m | 44°0' |
| 68 10-22 | 51s,08 M | 42",3 M |
| 81 8-24 | 51,29 M | 41,4 M |

### 28529 P. — 39795 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 20h29m | 37°37' |
| 81 9-16 | 54s,12 G | 24",3 G |
| 9-30 | 54,55 G | 25,2 G |

### 28530 P. — 39743 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 20h29m | 62°4' |
| 58 9-14 | 17s,58 G | 28",2 G |
| III. | 20h29m | 62°1' |
| 71 9-17 | 54s,91 G | 26",0 G |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (AR, ℘)

### 28531 P. — 39770 et 72 L.

| A. M. J. | AR | ℘ |
|---|---|---|
| | III. | |
| | 20h29m | 47°3' |
| 80 8-31 | 55s,12 G | 54",5 G |
| 9-2 | 55,01 G | 54,3 G |
| 9-6 | 54,86 G | 54,3 G |

### 28532 P. — 39754 L.

| A. M. J. | AR | ℘ |
|---|---|---|
| | II. | |
| | 20h29m | 58°26' |
| 67 8-24 | 22s,17 G | 43",4 G |
| | III. | |
| | 20h29m | 58°23' |
| 79 9-3 | 58s,39 G | 39",6 G |

### 28533 P. — 39750 L.

| A. M. J. | AR | ℘ |
|---|---|---|
| | II. | |
| | 20h29m | 60°13' |
| 58 11-9 | | 38",2 G |
| | III. | |
| | 20h29m | 60°10' |
| 71 10-12 | 59s,13 G | |
| 74 9-15 | 59,23 M | 36",6 M |
| 75 8-17 | 59,23 M | 36,0 M |
| 9-1 | 59,14 M | 36,7 M |
| 76 7-26 | 59,28 M | 35,4 M |
| 8-8 | 59,31 M | 36,7 M |

### 28534 P. — 39709-10 L. (la 1re).

| A. M. J. | AR | ℘ |
|---|---|---|
| | II. | |
| | 20h29m | 103°13' |
| 58 10-30 | | 16",9 G |
| 11-1 | | 16,8 G |

### 28535 P. — 39709-10 L. (la 2e).

| A. M. J. | AR | ℘ |
|---|---|---|
| | I. | |
| | 20h28m | 103°16' |
| 41 9-21 | 21s,03 G | |
| 9-23 | 20,83 G | |
| 10-1 | 20,65 G | |
| 10-6 | 21,04 G | |
| | II. | |
| | 20h29m | 103°13' |
| 54 9-19 | 10s,77 G | 8",8 G |
| 58 10-30 | | 6,5 G |
| 10-31 | 10,99 G | 7,9 G |
| 67 9-24 | 11,02 M | 5,4 M |
| | III. | |
| | 20h30m | 103°10' |
| 78 8-23 | 0s,50 G | 5",5 G |
| 8-24 | 0,65 G | 4,3 G |

### 28536 P. — 5724 Sf. — 18°.

| A. M. J. | AR | ℘ |
|---|---|---|
| | III. | |
| | 20h30m | 108°7' |
| 70 8-25 | 1s,24 M | 46",5 M |

### 28537 P. — 39718 L.

| A. M. J. | AR | ℘ |
|---|---|---|
| | II. | |
| | 20h29m | 99°40' |
| 55 8-21 | | 10",5 G |
| | III. | |
| | 20h30m | 99°37' |
| 79 9-2 | 2s,27 M | 7",3 M |
| 80 8-9[1] | 2,23 M | 8,4 M |

[1] ℘ augm. de 1° : double err. d'impression dans la col. *Lecture* et dans la col. *dist. app. au pôle Nord*; la réduction est exacte.

### 28538 P. — 14421 Bonn.

| A. M. J. | AR | ℘ |
|---|---|---|
| | III. | |
| | 20h30m | 43°2' |
| 79 9-25[1] | 4s,32 G | |

[1] Erreur de 1° dans la déclinaison approchée indiquée (distance des fils).

### 28539 P. — 39778 L.

| A. M. J. | AR | ℘ |
|---|---|---|
| | I. | |
| | 20h29m | 49°25' |
| 40 9-12 | | 59",0 F |
| | II. | |
| | 20h29m | 49°22' |
| 63 8-6 | 33s,13 G | |
| 8-9 | 33,23 G | |
| 8-10 | 33,08 G | |
| 8-12 | 33,28 G | |
| 8-14 | 33,02 M | |
| 8-25 | 33,24 G | |
| 9-15 | 33,13 G | |
| 64 7-29 | 33,16 G | |
| 7-30 | 33,26 G | |
| 8-6 | 33,18 G | |
| 8-7 | 33,11 G | |
| 8-8 | 33,24 G | |
| 8-11 | 33,26 G | |
| 8-16 | 33,28 G | |
| 8-24 | 33,21 G | |
| 8-28 | 33,22 G | |
| 9-4 | 33,12 G | |
| 9-5 | 33,22 G | |
| 9-6 | 33,23 G | |
| 9-9 | 33,30 G | |
| 9-11 | 33,21 G | |
| 9-12 | 33,19 G | |
| 9-22 | 33,25 G | |
| 9-23 | 33,18 G | |
| 65 9-2 | 33,14 G | |
| 9-8 | 33,27 G | |
| 9-13 | 33,20 G | |
| | III. | |
| | 20h30m | 49°19' |
| 72 9-7 | 5s,61 G | |
| 9-10 | 5,39 G | |
| 80 8-20 | 5,44 G | 52",2 G |
| 81 8-6 | 5,66 G | 51,5 G |
| 9-15 | 5,55 G | 53,8 G |

### 28540 P. — 39779 L.

| A. M. J. | AR | ℘ |
|---|---|---|
| | III. | |
| | 20h30m | 48°25' |
| 80 9-1 | 6s,43 G | |
| 9-13 | 6,12 G | |
| 81 8-5 | 6,49 G | 55",0 G |

### 28541 P. — 1696 Greenw. 1860.

| A. M. J. | AR | ℘ |
|---|---|---|
| | III. | |
| | 20h30m | 108°6' |
| 81 9-19 | 7s,78 M | 8",1 M |

### 28542 P. — 14425 Bonn.

| A. M. J. | AR | ℘ |
|---|---|---|
| | III. | |
| | 20h30m | 43°13' |
| 79 9-25[1] | | 50",8 G |

[1] ℘ diminuée de 55' : erreur de transcr.

### 28543 P. — 39729 L.

| A. M. J. | AR | ℘ |
|---|---|---|
| | II. | |
| | 20h29m | 90°11' |
| 55 9-23 | | 30",1 G |
| 62 7-19 | 23s,65 G | 33,7 G |
| 9-13 | 23,60 G | 33,4 G |
| 9-17 | 23,47 G | 34,2 G |
| | III. | |
| | 20h30m | 90°8' |
| 69 8-28 | 9s,27 M | 30",0 M |
| 78 9-20 | 9,48 G | |

### 28544 P.

| A. M. J. | AR | ℘ |
|---|---|---|
| | III. | |
| | 20h30m | 77°33' |
| 81 10-1 | 11s,09 M | 56",0 M |

### 28545 P. — 39727-28 L.

| A. M. J. | AR | ℘ |
|---|---|---|
| | I. | |
| | 20h28m | 93°4' |
| 39 9-9 | 39s,20 G | |
| 40 9-16 | 39,18 G | |
| 10-30 | 39,05 G | |
| 41 8-27 | 39,18 G | |
| 8-28 | 39,08 G | 57",7 F |
| 8-30 | 39,17 G | 60,2 F |
| 10-12 | 39,00 G | |
| 10-15 | 38,99 G | |
| 42 10-14 | 39,16 G | |
| 10-15 | 39,26 G | |
| 10-16 | 39,22 G | |
| 10-17[1] | 39,09 G | |
| 43 8-5 | 39,05 G | |
| 8-8 | 39,16 G | 58,2 F |
| 8-9 | | 57,3 G |
| 8-9 | | 58,0 F |
| 46 7-20 | 39,33 G | |
| 49 7-16 | 39,16 G | |
| 8-31 | 39,25 G | 57,3 G |
| 9-6 | 39,17 G | |
| 52 10-23 | 39,19 G | |
| 53 7-23 | 39,16 G | 58,1 G |

### 28545 P. (suite).

| A. M. J. | AR | ℘ |
|---|---|---|
| | II. | |
| | 20h29m | 93°1' |
| 54 8-2 | 26s,16 G | |
| 55 8-11[2] | | 56",7 G |
| 8-27 | 26,13 G | |
| 59 11-13 | 26,39 G | |
| | III. | |
| | 20h30m | 92°58' |
| 76 7-26 | 13s,12 G | 53",1 G |
| 8-8 | 12,95 G | 52,7 G |
| 8-9 | 13,00 G | 52,9 G |

[1] AR diminuée de 1m.
[2] ℘ diminuée de 3" : erreur de réduct.

### 28546 P. — 39762 L.

| A. M. J. | AR | ℘ |
|---|---|---|
| | II. | |
| | 20h29m | 62°49' |
| 59 7-25 | | 56",9 G |
| 60 10-6 | 35s,13 G | 57,4 G |
| 62 9-18 | 35,20 G | 56,6 G |

### 28547 P. — 39807 L.

| A. M. J. | AR | ℘ |
|---|---|---|
| | III. | |
| | 20h30m | 37°36' |
| 81 8-8[1] | 14s,08 G | 6",0 G |

[1] AR diminuée de 0s,60 : erreur de 1s sur les trois derniers fils.

### 28548 P.

| A. M. J. | AR | ℘ |
|---|---|---|
| | III. | |
| | 20h30m | 108°0' |
| 70 8-24[1] | 16s,09 M | 33",0 M |

[1] ℘ augmentée de 9",4 : l'observation ayant été faite au pointeur, on n'avait pas tenu compte de la distance du pointeur à l'index.

### 28549 P. — 733 $W_1$.

| A. M. J. | AR | ℘ |
|---|---|---|
| | I. | |
| | 20h28m | 103°43' |
| 43 9-29 | 38s,81 G | |

### 28550 P. — 20654 A.O.

| A. M. J. | AR | ℘ |
|---|---|---|
| | II. | |
| | 20h29m | 111°49' |
| 55 9-28 | 27s,67 G | 8",3 G |

### 28551 P. — 39723 L.

| A. M. J. | AR | ℘ |
|---|---|---|
| | I. | |
| | 20h28m | 105°40' |
| 39 8-21 | 39s,39 G | |
| 8-23 | 39,32 G | 46",2 F |
| 8-24 | 39,36 G | |
| 8-28 | 39,44 G | |
| 9-18 | 39,18 G | |
| 40 8-17 | 39,50 G | 49,3 F |

### 28551 P. (suite).

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. Æ. | Ꝑ. |
|---|---|---|
| | I. | |
| | 20h 28m | 105° 40' |
| 40 8-20 | 39s,21 G | |
| 9-12 | 39,06 G | |
| 9-29 | 39,33 G | |
| 9-30 | 39,12 G | |
| 10-6 | | 46",7 F |
| 10-10 | 39,14 G | |
| 10-12 | 39,20 G | |
| 46 8-23 | | 47,3 G |
| 9-30 | | 48,5 G |
| 47 10-27 | 39,29 G | |
| 10-28 | 39,34 G | |
| 48 8-18 | | 47,2 G |
| 9-29 | 39,37 G | |
| 11-10 | 39,25 G | |
| 50 8-24 | 39,27 G | |
| 52 11-14 | 39,50 G | |
| | II. | |
| | 20h 29m | 105° 37' |
| 54 8-20 | 30s,00 G | |
| 9-16 | 29,88 G | |
| 9-28 [1] | 29,83 G | 45",0 G |
| 58 11-2 | 29,81 G | 46,8 G |
| 59 7-17 | | 47,6 G |
| 7-23 | 29,87 G | |
| | III. | |
| | 20h 30m | 105° 34' |
| 70 8-17 | 20s,51 M | 42",7 M |
| 79 9-18 | 20,55 J | 44,1 J |
| 9-27 | 20,43 J | 41,6 J |
| 10-3 | 20,47 J | 43,3 J |

[1] Æ diminuée de 1m.

### 28552 P. — 39735 L.

| A. M. J. | Æ. | Ꝑ. |
|---|---|---|
| | II. | |
| | 20h 29m | 87° 59' |
| 55 10-13 | 38s,20 G | 15",0 G |
| 57 9-9 | 38,02 G | |
| 58 8-28 | | 13,5 F |
| 59 9-3 | | 13,7 G |

### 28553 P. — 39714 L.

| A. M. J. | Æ. | Ꝑ. |
|---|---|---|
| | II. | |
| | 20h 29m | 115° 35' |
| 57 6-29 | 31s,92 G | 37",0 G |
| 58 8-5 | | 34,7 G |
| 59 10-17 | | 36,6 G |
| | III. | |
| | 20h 30m | 115° 32' |
| 79 9-1 | 25s,66 J | 34",4 J |

### 28554 P. — 39763 L.

| A. M. J. | Æ. | Ꝑ. |
|---|---|---|
| | II. | |
| | 20h 29m | 73° 40' |
| 56 9-8 | 49s,04 G | 5",9 G |
| 57 10-3 | 49,21 G | 6,8 G |
| 10-13 [1] | 48,92 G | 7,1 G |

[1] Æ augmentée de 0s,60 : erreur de 1s sur trois fils.

### 28555 P. — 39748 L.

| A. M. J. | Æ. | Ꝑ. |
|---|---|---|
| | II. | |
| | 20h 29m | 82° 8' |
| 56 7-22 | 46s,84 G | |
| 9-4 | 46,97 G | 0",8 G |
| | III. | |
| | 20h 30m | 82° 4' |
| 80 8-31 | 30s,83 M | 56",8 M |

### 28556 P. — 39769 et 71 L.

| A. M. J. | Æ. | Ꝑ. |
|---|---|---|
| | II. | |
| | 20h 29m | 65° 0' |
| 58 11-4 | 52s,95 G | |
| 11-11 | | 12",4 G |
| | III. | |
| | 20h 30m | 64° 57' |
| 71 8-29 | 31s,63 M | 10",4 M |
| 10-23 | 31,34 G | |

### 28557 P. — 2673 Br.

| A. M. J. | Æ. | Ꝑ. |
|---|---|---|
| | I. | |
| | 20h 30m | 17° 59' |
| 50 8-12 | | 38",0 G |
| 51 9-11 | 37s,84 G | |
| 53 3-2 I | 37,96 G | |
| 3-19 I | 38,14 G | |
| 3-22 I | | 34,6 F |
| 3-29 I | 37,78 G | |
| 7-19 | 37,99 G | |
| 7-21 | 37,88 G | |
| 9-3 | 37,54 G | |

### 28558 P. — 39746 L.

| A. M. J. | Æ. | Ꝑ. |
|---|---|---|
| | II. | |
| | 20h 29m | 87° 26' |
| 55 10-21 | 51s,06 G | |
| 57 8-21 | | 19",5 G |
| 8-28 | | 18,2 G |
| | III. | |
| | 20h 30m | 87° 23' |
| 71 9-20 | 36s,25 M | 19",4 M |

### 28559 P. — 39757-58 L.

| A. M. J. | Æ. | Ꝑ. |
|---|---|---|
| | II. | |
| | 20h 29m | 80° 1' |
| 56 9-26 | | 55",4 G |
| 57 10-15 | 53s,05 G | |
| 59 8-23 | 53,45 G | |
| | III. | |
| | 20h 30m | 79° 58' |
| 79 9-12 | 36s,46 J | 53",7 J |

### 28560 P. — 39755 L.

| A. M. J. | Æ. | Ꝑ. |
|---|---|---|
| | II. | |
| | 20h 29m | 81° 53' |
| 55 11-2 | 53s,21 G | |
| 58 9-5 | 53,32 G | 16",9 G |
| 9-15 | 53,13 G | |
| 9-28 | 53,50 G | |
| | III. | |
| | 20h 30m | 81° 50' |
| 74 8-3 | 37s,21 M | 13",6 M |

### 28561 P. — 39725 L.

| A. M. J. | Æ. | Ꝑ. |
|---|---|---|
| | II. | |
| | 20h 29m | 114° 42' |
| 55 8-18 | 47s,42 G | |
| 58 9-9 | 47,31 G | |
| 61 9-3 | 47,44 G | 48",6 G |
| | III. | |
| | 20h 30m | 114° 39' |
| 79 8-2 | 41s,03 J | 44",2 J |

### 28562 P. — 5733 Sf. — 15°.

| A. M. J. | Æ. | Ꝑ. |
|---|---|---|
| | III. | |
| | 20h 30m | 105° 40' |
| 68 8-13 | 41s,51 M | 6",9 M |

### 28563 P. — 39794 L.

| A. M. J. | Æ. | Ꝑ. |
|---|---|---|
| | III. | |
| | 20h 30m | 55° 15' |
| 69 10-6 | 42s,10 M | 43",0 M |
| 10-9 | 42,07 M | 43,3 M |

### 28564 P. — 39732-33 L.

| A. M. J. | Æ. | Ꝑ. |
|---|---|---|
| | II. | |
| | 20h 29m | 107° 36' |
| 57 8-12 | | 25",6 G |
| 58 10-8 | | 23,3 G |
| | III. | |
| | 20h 30m | 107° 33' |
| 78 8-31 | 43s,78 M | 20",4 M |
| 9-3 | 43,73 M | |

### 28565 P. — 39787 L.

| A. M. J. | Æ. | Ꝑ. |
|---|---|---|
| | II. | |
| | 20h 30m | 61° 41' |
| 58 9-23 | 7s,00 G | 18",2 G |
| | III. | |
| | 20h 30m | 61° 38' |
| 80 9-9 | 44s,74 M | 13",5 M |

### 28566 P. — 39766 L.

| A. M. J. | Æ. | Ꝑ. |
|---|---|---|
| | II. | |
| | 20h 30m | 75° 51' |
| 57 8-26 | 3s,84 G | |
| 58 7-25 | 3,75 G | |
| 8-24 [1] | 4,06 G | 53",0 G |
| 9-27 | 3,78 G | 53,8 G |
| 10-3 | 3,70 G | 52,3 G |
| 10-9 | 3,90 G | 52,1 G |
| 10-12 | 3,79 G | |

[1] Æ dim. de 0s,33 : erreur de moy. et suppression d'un fil erroné.

### 28567 P. — 39785 L.

| A. M. J. | Æ. | Ꝑ. |
|---|---|---|
| | I. | |
| | 20h 29m | 64° 39' |
| 46 7-22 | 29s,75 G | |
| 8-26 | | 5",7 G |
| 9-26 | | 5,5 G |
| 47 10-12 | | 5,7 G |
| 48 8-28 | | 5,3 G |
| 9-20 | 29,77 G | |
| 10-7 | | 5,8 G |
| 49 9-7 | 29,93 G | |
| | II. | |
| | 20h 30m | 64° 36' |
| 58 11-12 | | 2",1 G |
| 62 9-12 | 8s,31 G | 2,9 G |
| | III. | |
| | 20h 30m | 64° 33' |
| 74 9-1 | 46s,80 M | 0",6 M |

### 28568 P. — 39823 L.

| A. M. J. | Æ. | Ꝑ. |
|---|---|---|
| | III. | |
| | 20h 30m | 41° 15' |
| 81 9-17 | | 15",9 G |

### 28569 P. — 39811 et 13 L.

| A. M. J. | Æ. | Ꝑ. |
|---|---|---|
| | II. | |
| | 20h 30m | 48° 35' |
| 67 10-1 | 18s,46 M | 33",0 M |
| | III. | |
| | 20h 30m | 48° 32' |
| 79 9-20 | 50s,41 G | 27",3 G |
| 80 9-13 | | 28,6 G |
| 81 8-27 | 50,47 G | 28,5 G |

### 28570 P. — 4361 A + 14°.

| A. M. J. | Æ. | Ꝑ. |
|---|---|---|
| | II. | |
| | 20h 30m | 75° 54' |
| 57 8-26 | 10s,43 G | |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜, 𝒟)

**28571 P. — 39760-61 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | I. | 20h 29m | 90° 26′ |
| 40 | 8-28 | 21s,54 G | |
| | 8-29 | | 16″,7 |
| | 8-30 | | 15,7 |
| | 8-31 [1] | 21,36 G | 16,7 |
| | II. | 20h 30m | 90° 23′ |
| 55 | 8-17 | | 12″,3 G |
| | 8-23 [2] | 7s,78 G | 23,3 G |
| | 8-27 | | 11,8 G |
| | 9-16 [3] | 6,73 G | |
| 57 | 10-16 | 7,73 G | 14,2 G |
| 58 | 8-27 | 7,40 G | 12,8 G |
| 64 | 8-26 | 7,87 M | 13,5 G |
| | III. | 20h 30m | 90° 20′ |
| 76 | 8-11 | 53s,87 G | |
| | 9-19 | 53,81 G | |
| | 9-21 | 53,79 G | 9″,7 G |

[1] 𝒟 diminuée de 5′.
[2] 𝒟 non comprise dans la moyenne.
[3] 𝒜 non comprise dans la moyenne.

**28572 P. — 763 W₁.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 20h 30m | 75° 45′ |
| 58 | 8-24 | 13s,04 G | |
| 67 | 8- 5 | 12,89 M | 59″,3 M |

**28573 P. — 39752 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 20h 30m | 97° 15′ |
| 55 | 8-20 | | 15″,7 G |
| | 9-27 | | 17,3 G |
| 57 | 8- 9 | 7s,13 G | |
| 58 | 8-20 | 7,18 G | 15,6 G |
| 60 | 8- 9 | 7,33 G | 14,8 G |
| | 9-12 | 7,26 G | 15,9 G |
| 61 | 10-18 | 7,24 G | 16,7 G |
| | III. | 20h 30m | 97° 12′ |
| 69 | 8-25 | 55s,39 M | 12″,2 M |

**28574 P. — 39783 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 20h 30m | 73° 46′ |
| 57 | 10-13 [1] | 13s,81 G | |
| 58 | 8- 3 | | 13″,9 G |
| 61 | 10- 5 | | 13,6 G |
| | 10-19 | 14,13 G | 14,0 G |
| | III. | 20h 30m | 73° 43′ |
| 71 | 8- 7 | 55s,43 G | 11″,0 G |
| | 8- 9 | 55,37 G | 10,9 G |
| | 8-12 | 55,51 G | 11,5 G |
| | 9-14 | 55,44 G | |
| | 9-15 | 55,44 M | 10,0 M |
| | 9-15 | 55,51 G | |

[1] 𝒜 augmentée de 0s,80 : erreur de 1s sur 4 fils. Observée en même temps que 39763 L. dont le passage est affecté de la même erreur.

**28575 P. — 39774-75 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 20h 30m | 80° 0′ |
| 59 | 7-21 | 13s,97 G | |
| | 8-23 | 13,81 G | 18″,6 G |
| | III. | 20h 30m | 79° 57′ |
| 79 | 9- 2 | 57s,08 G | 13″,4 G |
| | 9- 4 | 57,21 G | 16,3 G |

**28576 P. — 39773 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 20h 30m | 81° 30′ |
| 57 | 10- 2 | 15s,81 G | 26″,0 G |
| 58 | 7-13 | | 25,0 G |
| | III. | 20h 30m | 81° 27′ |
| 79 | 9-20 | 59s,70 J | 21″,4 J |

**28577 P — 39782 L. (la 1re).**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 20h 30m | 78° 26′ |
| 58 | 7-17 | 18s,85 G | |

**28578 P. — 39782 L. (centre).**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 20h 30m | 78° 26′ |
| 58 | 7-17 | | 4″,0 G |
| 59 | 7-14 | 18s,76 G | 4,7 G |
| | 9-18 | 18,77 G | 3,8 G |
| | III. | 20h 31m | 78° 23′ |
| 71 | 9-11 | 1s,81 G | |

**28579 P. — 39742 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 20h 30m | 109° 16′ |
| 54 | 8-24 | 10s,82 G | |
| | 8-25 | 10,96 G | |
| | 8-29 | 10,85 G | 43″,5 G |
| | 9- 7 | | 44,4 G |
| | III. | 20h 31m | 109° 13′ |
| 79 | 10- 6 | 2s,58 J | 39″,3 J |

**28580 P. — 4365 A + 14°.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 20h 30m | 75° 37′ |
| 58 | 8-11 | 21s,29 G | |

**28581 P. — 39739 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 20h 30m | 111° 54′ |
| 55 | 8-30 | 12s,37 G | |
| | 9-28 | 12,12 G | |
| | III. | 20h 31m | 111° 51′ |
| 79 | 8-20 | 4s,97 J | 31″,9 J |
| | 8-25 | 4,89 J | 32,8 J |
| | 9- 3 | 4,98 J | 31,0 J |

**28582 P. — 39756 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 20h 30m | 101° 31′ |
| 54 | 8-26 | 16s,21 G | 3″,2 G |
| | 8-27 | 16,10 G | |
| | III. | 20h 31m | 101° 27′ |
| 79 | 9-22 | 5s,61 J | 59″,6 J |
| | 9-30 | 5,59 J | 60,0 J |

**28583 P. — 25297 Mn₁.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 20h 30m | 99° 0′ |
| 57 | 7-24 | 18s,51 G | |

**28584 P. — 11519 Cambridge.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 20h 30m | 64° 5′ |
| 58 | 8-30 | 30s,43 G | |

**28585 P. — 4334 A + 10°.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 20h 30m | 79° 43′ |
| 57 | 8-13 | 25s,81 G | |

**28586 P. — 39744 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | I. | 20h 29m | 111° 31′ |
| 44 | 8-18 | 25s,57 G | |
| | 8-21 | 25,47 G | |
| | II. | 20h 30m | 111° 28′ |
| 55 | 7-30 | 17s,87 G | |
| 58 | 10- 6 | | 45″,4 G |
| | III. | 20h 31m | 111° 25′ |
| 80 | 8-11 | 10s,18 M | 39″,3 M |

**28587 P. — 39767 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | I. | 20h 29m | 94° 53′ |
| 41 | 9-11 | 37s,45 G | |
| | 9-19 | 37,56 G | |

**28587 P. (suite).**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 20h 30m | 94° 50′ |
| 57 | 8-10 | 24s,79 G | |
| 58 | 9- 8 | 24,90 G | 16″,9 G |
| 61 | 10- 2 | 25,00 G | 17,0 G |
| | III. | 20h 31m | 94° 47′ |
| 79 | 9-25 | 12s,32 J | 13″,1 J |

**28588 P. — 39765 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 20h 30m | 99° 1′ |
| 56 | 8- 3 | | 6″,2 G |
| 57 | 7-24 | 24s,19 G | 4,8 G |
| 60 | 9- 6 | 24,15 G | 5,4 G |
| | 9- 6 | | 6,9 F |
| | 9-19 | 24,03 G | 7,4 G |
| | 9-19 [1] | | 4,5 F |
| | III. | 20h 31m | 98° 58′ |
| 74 | 8-26 | 12s,70 G | 1″,1 G |

[1] 𝒟 diminuée de 1′.

**28589 P. — 39791 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 20h 30m | 75° 37′ |
| 58 | 8-11 | 31s,61 G | 53″,9 G |
| | III. | 20h 31m | 75° 34′ |
| 79 | 9-11 | 13s,57 G | 49″,9 G |

**28590 P. — 4335 A + 10°.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 20h 30m | 79° 44′ |
| 57 | 8-13 | 33s,47 G | 43″,9 G |
| 61 | 8-22 | 33,41 G | |

**28591 P. — 39784 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 20h 30m | 85° 15′ |
| 57 | 7-12 | 32s,26 G | |
| | 10-12 | 32,58 G | 56″,6 G |
| | III. | 20h 31m | 85° 12′ |
| 80 | 9- 3 | 17s,20 M | 52″,8 M |

**28592 P. — 39759 L[1].**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | III. | 20h 31m | 109° 4′ |
| 78 | 9-11 [2] | 19s,17 M | 38″,8 M |
| | 9-19 | 19,27 M | 39,8 M |
| | 9-21 | 19,08 M | 38,0 M |

[1] L'erreur du Catalogue de Lalande est de 9′ et non pas de 10′ comme l'a indiqué Argelander.
[2] 𝒜 augmentée de 0s,50 : erreur de 1s sur les 3 derniers fils.

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (Æ. — 𝒟.)

### 28593 P. — 39790 L.

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | **II.** | |
| | | 20h30m | 83°59′ |
| 55 | 10-16 | 39s,48 G | |
| 56 | 10-21 | | 4″,0 G |
| | | **III.** | |
| | | 20h31m | 83°56′ |
| 71 | 9-18 | 23s,92 M | 0″,8 M |

### 28594 P. — 39747 L.

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | **II.** | |
| | | 20h30m | 118°54′ |
| 55 | 9-25 | | 46″,2 G |
| 57 | 7-11 | 31s,77 G | |

### 28595 P. — 767 W1.

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | **I.** | |
| | | 20h29m | 103°10′ |
| 41 | 10-1 | 47s,85 G | |
| | 10-6 | 48,03 G | |

### 28596 P. — 4330 A + 1°.

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | **II.** | |
| | | 20h30m | 88°12′ |
| 61 | 8-12 | 43s,28 G | |

### 28597 P. — 39786 et 88 L.

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | **I.** | |
| | | 20h29m | 94°55′ |
| 41 | 8-27 | 59s,04 G | |
| | 8-30 | 58,94 G | |
| | 9-10 | 58,84 G | |
| | 9-20 | 58,98 G | |
| | | **II.** | |
| | | 20h30m | 94°52′ |
| 55 | 10-7 | 46s,36 G | |
| 58 | 9-8 | 46,51 G | |
| | 9-11 | | 6″,6 F |
| | 9-27 | | 4,6 F |
| | | **III.** | |
| | | 20h31m | 94°49′ |
| 78 | 9-21 | 33s,71 G | |

### 28598 P. — 39801 L.

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | **II.** | |
| | | 20h30m | 85°11′ |
| 56 | 8-26 | 50s,74 G | |
| 57 | 10-12 | 50,89 G | |
| 62 | 9-20 | 50,93 G | 7″,4 G |
| | | **III.** | |
| | | 20h31m | 85°8′ |
| 71 | 9-9 | 35s,69 M | 2″,9 M |

### 28599 P. — 776 W1.

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | **I.** | |
| | | 20h30m | 93°18′ |
| 40 | 10-30 | 5s,20 G | |

### 28600 P. — 25332 Mn1.

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | **II.** | |
| | | 20h30m | 98°10′ |
| 55 | 8-22 | 51s,78 G | |
| 61 | 9-5 | 51,88 G | |

### 28601 P. — 39802, 10 et 12 L.

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | **I.** | |
| | | 20h30m | 75°56′ |
| 37 | 7-29 | 16s,68 G | 26″,1 F |
| | 8-2 | 16,74 G | |
| | 8-6 [1] | 16,78 G | 29,5 F |
| | 8-7 | 16,81 G | 26,0 F |
| | 8-15 | 16,72 G | |
| | 8-16 | 16,89 G | |
| | 9-6 | 16,77 G | 25,6 F |
| | 9-20 | 16,67 G | 25,1 F |
| | 10-12 | 16,84 G | |
| | 11-27 | | 25,8 F |
| 38 | 8-13 | 16,82 G | |
| | 8-15 | 16,81 G | |
| | 8-21 | 16,88 G | |
| | 8-27 | 16,73 G | |
| | 9-1 | 16,73 G | |
| | 9-2 | 16,74 G | |
| | 9-3 | 16,77 G | |
| | 9-11 | 16,81 G | 25,3 F |
| | 10-4 | 16,81 G | |
| | 10-10 | 16,90 G | 24,7 F |
| 39 | 8-28 | 16,87 G | |
| 41 | 7-3 | 17,08 G | |
| | 8-7 | 16,86 G | 22,9 F |
| | 8-14 | 16,73 G | |
| | 8-18 | 16,93 G | |
| | 8-29 | 16,68 G | |
| 43 | 7-29 | 16,86 G | |
| | 8-29 | 16,75 G | |
| | 8-30 | 16,76 G | 25,6 F |
| | 9-1 | 16,53 G | |
| 45 | 8-2 | 16,83 G | |
| | 8-4 | 16,80 G | |
| 46 | 9-2 | 16,78 G | |
| 49 | 7-7 | 16,84 G | |
| 51 | 8-14 | 16,85 G | |
| 53 | 9-9 | 17,01 G | |
| | 10-24 | 16,87 G | |
| | | **II.** | |
| | | 20h30m | 75°53′ |
| 56 | 6-26 | | 21″,2 G |
| | 8-15 | 59s,04 G | |
| 57 | 7-5 | 59,05 G | |
| | 9-1 | 58,91 G | 21,8 G |
| | 10-22 | | 22,3 G |
| 58 | 7-25 | | 21,4 G |
| | 8-31 | 58,99 G | |
| | 10-9 | 59,32 G | |
| 59 | 7-25 | 58,92 G | |
| | | **III.** | |
| | | 20h31m | 75°50′ |
| 71 | 8-10 | 41s,05 G | 17″,5 G |
| 74 | 9-14 | 41,17 G | 17,4 G |
| 75 | 8-25 | 41,21 G | |

[1] Æ augmentée de 1m.

### 28602 P. — 39828 L.

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | **I.** | |
| | | 20h30m | 64°4′ |
| 40 | 8-29 | 28s,03 G | |
| | 8-30 | 28,03 G | |
| | | **II.** | |
| | | 20h31m | 64°1′ |
| 58 | 8-6 | | 23″,0 G |
| | 8-28 | 6s,32 G | 22,5 G |
| | 8-30 | 6,47 G | 23,2 G |
| | 9-16 | 6,21 G | 23,5 G |
| | 9-19 | | 22,5 G |
| 59 | 7-31 | 6,12 G | 20,3 G |
| | | **III.** | |
| | | 20h31m | 63°58′ |
| 71 | 9-18 | 44s,85 G | 18″,6 G |

### 28603 P. — 39798-99 L.

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | **II.** | |
| | | 20h30m | 94°59′ |
| 55 | 8-13 | 58s,74 G | |
| 58 | 9-9 [1] | | 53″,1 F |
| | 9-26 [2] | 58,77 G | 55,3 G |
| | | **III.** | |
| | | 20h31m | 94°56′ |
| 76 | 9-23 | 46s,23 G | 51″,1 G |

[1] 𝒟 augmentée de 1° : erreur de réduct.
[2] 𝒟 diminuée de 10″ : erreur de réduct.

### 28604 P. — 39814-15 L.

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | **I.** | |
| | | 20h30m | 79°9′ |
| 42 | 10-14 | 24s,15 G | |
| | 10-15 | 24,15 G | |
| | 10-16 | 24,19 G | |
| | 10-17 | 24,17 G | |
| | | **II.** | |
| | | 20h31m | 79°6′ |
| 58 | 10-1 | 7s,10 G | 30″,2 G |
| 61 | 8-22 | | 30,3 G |
| 67 | 8-31 | 7,31 M | 30,1 M |
| | 9-4 | 7,36 M | 30,2 M |

### 28605 P. — 39800 L.

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | **III.** | |
| | | 20h31m | 97°7′ |
| 79 | 8-16 | 50s,42 M | 7″,2 M |
| | 9-1 | 50,49 M | 6,0 M |

### 28606 P. — 39803 L.

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | **I.** | |
| | | 20h30m | 91°38′ |
| 40 | 9-16 | 19s,85 G | |
| | 9-21 | 19,83 G | |
| 41 | 8-22 | 19,93 G | |

### 28606 P. (suite).

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | **II.** | |
| | | 20h31m | 91°35′ |
| 55 | 9-15 | 6s,40 G | |
| 60 | 8-16 | 6,41 G | |
| | 9-18 | | 28″,7 G |
| 61 | 9-1 | 6,23 G | 29,0 G |
| 62 | 10-1 | 6,32 G | 29,9 G |
| | | **III.** | |
| | | 20h31m | 91°32′ |
| 78 | 9-19 | 52s,78 G | 25″,2 G |

### 28607 P. — 39805 L.

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | **I.** | |
| | | 20h30m | 89°31′ |
| 40 | 8-20 | | 17″,7 F |

### 28608 P. — 5738 Sf. — 15°.

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | **III.** | |
| | | 20h31m | 105°43′ |
| 68 | 8-13 | 55s,06 M | 28″,3 M |

### 28609 P. — 39842-43 L.

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | **II.** | |
| | | 20h31m | 58°8′ |
| 67 | 8-23 | 20s,00 G | 6″,9 G |
| | | **III.** | |
| | | 20h31m | 58°5′ |
| 74 | 8-21 | 56s,28 M | 1″,7 M |
| | 8-26 | 56,26 M | 1,6 M |
| | 9-19 | 56,31 M | 1,4 M |
| 75 | 8-10 | 56,39 M | 1,5 M |
| | 8-20 | 56,27 M | 1,4 M |
| | 9-7 | 56,22 M | 1,4 M |
| | 9-14 | 56,36 M | 1,2 M |
| | 9-17 | 56,20 M | 0,6 M |
| 76 | 8-10 | 56,31 M | 0,2 M |
| 79 | 8-20 | 56,32 G | 3,4 G |

### 28610 P. — 39830 L.

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | **II.** | |
| | | 20h31m | 49°26′ |
| 66 | 8-13 [1] | 24s,26 G | |
| 67 | 10-2 | 24,20 M | 24″,0 M |

[1] Æ augmentée de 1m : erreur de transc.

### 28611 P. — 11537 Cambridge.

| A. | M. J. | Æ. | 𝒟. |
|---|---|---|---|
| | | **II.** | |
| | | 20h31m | 64°6′ |
| 59 | 7-31 | 19s,12 G | |

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|

**28612 P. — 39792 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 20h 30m | 107°5′ |
| 40 10-10 | 17s,61 G | |
| 10-12 | 17,86 G | |
| | II. | |
| | 20h 31m | 107°2′ |
| 54 9- 1 | 8s,80 G | 46″,7 G |
| 9- 4 | | 46,4 G |
| | III. | |
| | 20h 31m | 106°59′ |
| 78 9- 6 | 59s,72 M | 43″,2 M |
| 9- 7 | 59,78 M | 43,9 M |

**28613 P. — 39837 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 31m | 65°31′ |
| 59 8-22 | 24s,11 G | 58″,1 G |
| 9-24 | 24,46 G | 58,2 G |

**28614 P. — 39826 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 31m | 77°23′ |
| 59 7- 4 | 21s,42 G | 45″,0 G |
| | III. | |
| | 20h 32m | 77°20′ |
| 71 8-27 | 4s,15 G | 34″,6 G |

**28615 P. — 39793 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 20h 30m | 109°49′ |
| 44 7-30 | 21s,80 G | |
| 7-31 | 21,77 G | |
| | II. | |
| | 20h 31m | 109°46′ |
| 54 9- 5 | 13s,53 G | 0″,7 G |
| 9- 8 | 13,59 G | |
| 58 9-13 | | 1,5 G |

**28616 P. — 3246 Gr.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 20h 32m | 19°59′ |
| 52 11-18 | | 58″,8 F |
| 11-20 | | 57,8 F |
| 11-27 I | | 55,8 F |
| 12- 8 I | | 55,6 F |

**28617 P. — 25379 Mn.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 20h 30m | 83°29′ |
| 40 8-15 | | 58″,1 F |

**28618 P. — 4197 A + 24°.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 31m | 65°30′ |
| 59 9-24 | 34s,86 G | |

**28619 P. — 39789 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 31m | 79°45′ |
| 58 9- 8 | | 49″,6 F |

**28620 P. — 39806 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 20h 30m | 105°29′ |
| 39 8-21 | 36s,10 G | |
| 8-23 | 35,97 G | 37″,0 F |
| 8-24 | 36,04 G | |
| 9-18 | 35,90 G | |
| 40 8-17 | 36,01 G | |
| 8-20[1] | 35,86 G | |
| 9-12 | 35,83 G | |
| 9-30 | 35,97 G | |
| 10- 6 | | 39,0 F |
| 46 7-28 | 35,93 G | |
| 7-29 | 35,82 G | |
| 8-22 | 35,92 G | |
| 8-26 | 35,98 G | |
| 9-25 | 35,94 G | |
| 9-26 | 35,94 G | |
| 10- 1 | 35,94 G | |
| 10- 3 | 36,02 G | |
| 10- 7 | 35,95 G | |
| 10- 9 | 35,99 G | |
| 10-10 | 35,89 G | |
| 47 8-17 | 36,00 G | |
| 8-31 | 36,09 G | |
| 10-27 | 36,01 G | |
| 10-28 | 36,04 G | |
| 48 8- 2 | 36,08 G | |
| 9-29 | 36,26 G | |
| 11-10 | 35,98 G | |
| 49 8-11 | | 38,5 G |
| 50 8-24 | 35,93 G | |
| | II. | |
| | 20h 31m | 105°26′ |
| 54 9-19 | 26s,48 G | |
| 55 9- 9 | | 34″,5 G |
| 58 9-11 | | 32,8 G |
| 59 8-12 | | 33,0 G |
| 9-10 | | 35,1 G |
| 60 7-31 | 26,56 G | 34,4 G |
| 61 10-12 | 26,28 G | 35,0 G |
| 64 8-16 | 26,45 M | 35,1 M |
| 66 10- 8 | 26,37 M | 35,1 M |
| 10-17 | 26,44 M | 33,0 M |
| 10-23 | 26,46 M | 34,8 M |
| 67 8-14 | 26,40 M | 33,6 M |
| | III. | |
| | 20h 32m | 105°23′ |
| 68 8-29 | 16s,86 M | 30″,1 M |
| 78 8-16 | 16,82 G | 29,3 G |
| 81 10- 3 | 16,89 M | 30,4 M |

[1] 𝒜 diminuée de 5s : erreur de réduct.

**28621 P. — 39864 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 20h 32m | 53°50′ |
| 81 8-27 | 20s,00 J | 60″,4 J |
| 9-16 | 19,94 J | 59,4 J |
| 9-17 | 19,73 J | 61,1 J |
| 9-18 | 19,68 J | 60,4 J |

**28622 P. — 39821 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 31m | 95°7′ |
| 62 8- 3 | 33s,48 G | 36″,7 G |
| 9-15 | 33,53 G | 36,3 G |
| 9-19 | 33,55 G | 36,4 G |

**28623 P. — 39848 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 31m | 69°20′ |
| 58 7-14 | 41s,89 G | |
| 8- 6 | 41,65 G | |
| 8- 8 | 41,75 G | |
| 11- 9 | | 36″,2 G |
| 11-10 | | 37,5 G |

**28624 P. — 39797 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 31m | 118°12′ |
| 55 9-19 | 28s,02 G | 23″,8 G |
| | III. | |
| | 20h 32m | 118°9′ |
| 81 9-15 | 22s,60 M | 18″,8 M |

**28625 P. — 39804 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 31m | 111°25′ |
| 55 9- 8 | 30s,44 G | |
| 59 10-17 | | 39″,1 G |
| | III. | |
| | 20h 32m | 111°22′ |
| 79 9- 4 | 22s,68 J | 32″,8 J |

**28626 P. — 39856 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 20h 32m | 58°22′ |
| 75 8-16 | 25s,08 M | 49″,4 M |
| 79 9-18 | 24,87 G | 51,1 G |

**28627 P. — 39840 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 31m | 77°9′ |
| 57 9- 6 | 43s,27 G | |
| 58 8- 3 | 43,51 G | 37″,0 G |
| | III. | |
| | 20h 32m | 77°6′ |
| 79 9- 3 | 26s,14 G | 31″,3 G |

**28628 P. — 39857-58 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 20h 31m | 58°57′ |
| 46 7-20 | 13s,80 G | |
| 8-17 | 13,58 G | |
| 47 10- 3 | | 55″,8 G |
| 50 9- 7 | | 58,9 G |
| | II. | |
| | 20h 31m | 58°54′ |
| 66 9-10 | 50s,16 G | |
| 67 8- 5[1] | 50,32 G | |
| 8- 9 | | 52″,6 G |
| 8-27 | 50,12 G | 51,4 G |
| | III. | |
| | 20h 32m | 58°51′ |
| 79 7-31 | | 47″,8 G |
| 9-24 | 26s,80 G | |
| 81 9-17 | 26,86 M | 46,7 M |

[1] 𝒜 diminuée de 1m.

**28629 P. — 39861-62 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 20h 31m | 59°0′ |
| 50 7-24 | | 55″,5 G |
| | II. | |
| | 20h 31m | 58°57′ |
| 67 8- 5 | | 49″,0 G |
| 8- 9 | 51s,56 G | |
| 9-11 | | 50,2 G |
| | III. | |
| | 20h 32m | 58°54′ |
| 79 8-12 | 28s,15 G | 43″,8 G |
| 81 9-29 | 27,96 M | 46,2 M |

**28630 P. — 39827 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 31m | 95°25′ |
| 55 8-30 | | 8″,2 G |
| 58 7-30 | 42s,20 G | 7,2 G |
| 59 8-12[1] | 42,36 G | |
| | III. | |
| | 20h 32m | 95°22′ |
| 74 9- 1 | 29s,98 G | 2″,1 G |

[1] Indiquée à tort au t. XV comme étant 39819 L. (dist. des fils)

**28631 P. — 39839 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 31m | 81°32′ |
| 57 8-22 | 48s,66 G | 18″,4 G |
| 10- 2 | 48,46 G | 20,8 G |

**28632 P. — 39819 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 20h 30m | 105°30′ |
| 40 9-29 | 52s,43 G | |
| 10- 6 | | 56″,0 F |

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|
| **28632 P. (suite).** | | |
| II. | $20^h31^m$ | 105°27′ |
| 54 9-25 | $42^s,85$ G | 51″,6 G |
| III. | $20^h32^m$ | 105°24′ |
| 78 9-20 | $33^s,39$ M | 46″,8 M |
| 9-27 | 33,24 M | 47,4 M |

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| **28633 P. — 39838 L.** | | |
| I. | $20^h31^m$ | 89°20′ |
| 40 8-20 | | 29″,5 F |
| II. | $20^h31^m$ | 89°17′ |
| 57 8- 6 | $53^s,38$ G | 24″,2 G |
| 59 9- 3 | | 25,3 G |
| 61 9- 3 | 53,39 G | 26,3 G |
| 10-10 | 53,25 G | 24,6 G |
| 62 9-22 | 53,43 G | 24,5 G |

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| **28634 P. — 39885 L.** | | |
| I. | $20^h31^m$ | 52°12′ |
| 40 9-12 | | 30″,1 F |
| II. | $20^h32^m$ | 52°9′ |
| 66 10-17 | | 25″,8 G |
| 67 8-24 | $7^s,66$ G | 24,9 G |
| III. | $20^h32^m$ | 52°6′ |
| 79 8-30 | $41^s,32$ G | 21″,1 G |
| 10- 4 | | 20,1 G |

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| **28635 P. — 39836 L.** | | |
| I. | $20^h31^m$ | 92°57′ |
| 40 8-31 | | 15″,1 F |
| 46 8-14[1] | $9^s,21$ G | |
| 10-18 | 9,25 G | |
| 47 8-14 | 9,31 G | |
| 48 8- 8 | | 13,6 G |
| 10- 7 | 9,28 G | |
| 49 8-31 | 9,36 G | |
| 9- 6 | 9,35 G | |
| II. | $20^h31^m$ | 92°54′ |
| 55 8-15 | | 10″,4 G |
| 9- 9 | $56^s,13$ G | |
| III. | $20^h32^m$ | 92°51′ |
| 68 8-28 | $42^s,94$ M | 2″,1 M |
| 9- 1 | 42,98 M | 3,8 M |

[1] 𝒜 augmentée de $1^m$ : erreur de transcription.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| **28636 P. — 39834 L.** | | |
| II. | $20^h31^m$ | 98°13′ |
| 55 9- 6 | $56^s,44$ G | 17″,9 G |
| III. | $20^h32^m$ | 98°10′ |
| 76 9-21 | $44^s,79$ M | 12″,9 M |
| 9-22 | 44,76 M | 14,1 M |

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| **28637 P. — 39849 L.** | | |
| II. | $20^h32^m$ | 83°18′ |
| 57 8-21 | | 36″,9 G |
| 62 8-13 | $1^s,59$ G | 38,4 G |
| III. | $20^h32^m$ | 83°15′ |
| 71 9-20 | $45^s,84$ M | 31″,0 M |

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| **28638 P. — 39868 L.** | | |
| II. | $20^h32^m$ | 65°18′ |
| 58 8-10 | $7^s,08$ G | 23″,0 G |
| 11-11 | 7,12 G | 21,4 G |

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| **28639 P. — 7825 Berlin B.** | | |
| II. | $20^h32^m$ | 65°12′ |
| 58 11-11 | $9^s,78$ G | |

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| **28640 P. — 39855 L.** | | |
| I. | $20^h31^m$ | 77°13′ |
| 43 8- 5 | $24^s,94$ G | |
| II. | $20^h32^m$ | 77°10′ |
| 57 7-23[1] | $7^s,71$ G | |
| 8-14 | 7,58 G | 25″,4 G |
| 9- 6 | 7,41 G | 25,0 G |
| 58 8- 3 | 7,55 G | |

[1] 𝒜 diminuée de $1^s$ : erreur de moy.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| **28641 P. — 39852 L.** | | |
| II. | $20^h32^m$ | 81°57′ |
| 56 7-15 | | 59″,6 G |
| 57 9-19 | $7^s,07$ G | |
| III. | $20^h32^m$ | 81°54′ |
| 72 9- 9 | $50^s,93$ M | 54″,3 M |
| 73 8- 5 | 51,27 M | 54,1 M |

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| **28642 P. — 39891 L.** | | |
| III. | $20^h32^m$ | 52°30′ |
| 80 9- 2 | $54^s,60$ J | 28″,2 J |
| 9-30 | 54,42 J | 29,3 J |

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| **28643 P. — 39894-95 L.** | | |
| III. | $20^h32^m$ | 49°2′ |
| 81 8- 2 | $55^s,10$ G | 37″,6 G |
| 9-19 | 54,71 G | 37,3 G |

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| **28644 P. — 39833 L.** | | |
| I. | $20^h31^m$ | 108°40′ |
| 40 11- 1 | $13^s,05$ G | |
| 41 8-19 | 13,12 G | |
| 9-29 | 12,87 G | |
| 42 9-15 | 13,13 G | 46″,0 F |
| 9-16 | 13,06 G | 46,7 F |
| 43 8- 8[1] | 13,14 G | 47,6 G |
| 8- 8 | | 46,2 F |
| 9- 5 | 13,07 G | |
| 49 9-15 | 13,18 G | |
| 51 7-13 | 13,24 G | 49,4 F |
| 7-14 | 13,09 G | |
| 10-30 | 13,37 G | |
| 52 10-19 | 13,22 G | |
| 10-20[2] | 13,18 G | 48,3 G |
| II. | $20^h32^m$ | 108°37′ |
| 54 9- 3 | $4^s,42$ G | |
| 9- 4 | 4,46 G | |
| 9-18 | 4,46 G | 41″,9 G |
| 58 10-15 | 4,32 G | 43,8 G |
| 10-16 | 4,73 G | |
| 67 9-24 | 4,55 M | 44,3 M |
| III. | $20^h32^m$ | 108°34′ |
| 68 8- 3 | $55^s,89$ M | 37″,0 M |
| 69 8-19 | 55,97 M | 37,2 M |
| 8-20 | 55,95 M | 37,0 M |
| 78 10- 4 | 55,92 M | 37,6 M |
| 10- 5 | 55,82 M | 39,2 M |

[1] 𝒫 augmentée de 1′.
[2] 𝒜 augmentée de $1^m$.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| **28645 P. — 39869-70 L.** | | |
| II. | $20^h32^m$ | 69°17′ |
| 58 7-14 | $16^s,41$ G | |
| 8- 6 | 16,13 G | |
| 8- 8 | 16,45 G | 16″,8 G |
| 9-17 | 16,03 G | 15,5 G |

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| **28646 P. — 39878 L.** | | |
| III. | $20^h32^m$ | 58°40′ |
| 80 9- 8 | $56^s,78$ J | 34″,9 J |
| 81 8-22 | 56,84 J | 35,1 J |

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| **28647 P. — 39824 L.** | | |
| II. | $20^h32^m$ | 114°35′ |
| 55 9- 7 | $4^s,28$ G | |
| 58 8- 4 | | 51″,8 G |
| 8-27 | | 51,5 F |
| III. | $20^h32^m$ | 114°32′ |
| 79 8-12[1] | $58^s,01$ J | 53″,3 J |

[1] 𝒜 augmentée de $1^h$ : err. d'impression.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| **28648 P. — 1096 $W_2$.** | | |
| II. | $20^h32^m$ | 66°42′ |
| 58 11- 4 | $18^s,74$ G | |

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| **28649 P. — 814 $W_1$.** | | |
| II. | $20^h32^m$ | 88°20′ |
| 61 8-12 | $12^s,62$ G | |

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| **28650 P. — 39909, 10 et 13 L[1].** | | |
| II. | $20^h32^m$ | 47°29′ |
| 59 10-16 | | 48″,9 G |
| 66 8-18 | $27^s,71$ G | |
| III. | $20^h32^m$ | 47°26′ |
| 81 8- 1 | $59^s,33$ G | 41″,4 G |
| 8-22 | 59,02 G | 40,1 G |
| 10-14 | 59,40 G | 42,9 G |

[1] Nous avons augmenté de 30″ la distance polaire de 39910 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| **28651 P. — 39887 L.** | | |
| III. | $20^h33^m$ | 59°51′ |
| 81 8-10 | $0^s,01$ J | 34″,2 J |
| 8-24 | 0,40 J | 34,2 J |

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| **28652 P. — 39867 L.** | | |
| II. | $20^h32^m$ | 75°28′ |
| 56 8-30 | $18^s,20$ G | |
| 61 8-28 | 18,30 G | |
| III. | $20^h33^m$ | 75°25′ |
| 79 9-11 | $0^s,27$ J | 50,5 J |
| 80 8-26 | 0,43 M | 46,9 M |
| 81 9-30 | 0,22 M | 49,5 M |
| 10- 1 | 0,22 M | 50,2 M |

| Dates 1800 + A. | M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|---|

### 28653 P. — 39850 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | $20^h 31^m$ | 90°3′ |
| 39 | 9- 9 | $28^s,11$ G | |
| 40 | 8-31 | 28,11 G | 17″,4 F |
| 41 | 8-13 | 28,04 G | |
| | II. | $20^h 32^m$ | 90°0′ |
| 57 | 8- 9 | $14^s,21$ G | |
| 58 | 8-20 | 14,42 G | 10″,9 G |
| | 9-11 | | 12,1 F |

### 28654 P. — 39825 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $20^h 32^m$ | 118°4′ |
| 59 | 10- 3 | $8^s,54$ G | |
| | III. | $20^h 33^m$ | 118°1′ |
| 81 | 9-19 | $2^s,96$ M | 36″,6 M |

### 28655 P. — 39859 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $20^h 32^m$ | 80°24′ |
| 56 | 7-29 | | 16″,2 G |
| | 8-26 | | 15,4 G |
| 58 | 8-12 | $19^s,69$ G | 16,2 G |
| | 8-28 | | 15,7 F |
| 60 | 9-15 | 19,82 G | 17,0 G |
| | 9-16 | | 16,8 G |
| 62 | 9-11 | 19,65 G | |
| | 9-17 | 19,90 G | 15,9 G |

### 28656 P. — 39882 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $20^h 32^m$ | 66°22′ |
| 58 | 9-10 | $25^s,95$ G | 23″,4 G |

### 28657 P. — 39829 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $20^h 32^m$ | 117°8′ |
| 55 | 8-10 | $11^s,78$ G | |
| | 8-11 | 11,67 G | |
| 58 | 8- 5 | | 9″,0 G |
| | 10- 6 | | 10,4 G |

### 28658 P. — 39883 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $20^h 32^m$ | 66°48′ |
| 58 | 11- 4 | $27^s,84$ G | |
| | 11-12 | | 30″,4 G |
| | III. | $20^h 33^m$ | 66°45′ |
| 74 | 9- 1 | $7^s,08$ M | 25″,1 M |

### 28659 P. — 73 Dragon.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | $20^h 33^m$ | 15°34′ |
| 48 | 8-18 | | 39″,4 G |
| 53 | 2-25 I | $29^s,10$ G | |
| | 3- 2 I | 29,32 G | |
| | 3-19 I | 29,43 G | |
| | 3-29 I | 29,08 G | |
| | 7-19 | 29,05 G | |
| | 7-21 | 29,31 G | |
| | 8-11 | 29,08 G | |
| | 9- 3 | 28,73 G | |
| | 9- 4 | 28,62 G | |

### 28660 P. — 39844 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $20^h 32^m$ | 104°30′ |
| 54 | 9-26 | $19^s,16$ G | 14″,3 G |
| 66 | 10-16 | 19,27 M | 13,1 M |
| | III. | $20^h 33^m$ | 104°27′ |
| 68 | 9- 2 | $9^s,42$ M | 8″,2 M |
| | 9- 3 | 9,14 M | 7,2 M |
| | 9- 4 | 9,39 M | 7,8 M |

### 28661 P. — 39851 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $20^h 32^m$ | 98°3′ |
| 55 | 9-26 | $23^s,61$ G | 50″,0 G |
| | III. | $20^h 33^m$ | 98°0′ |
| 79 | 8- 2 | $11^s,74$ J | 42″,8 J |

### 28662 P. — 39871 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $20^h 32^m$ | 79°30′ |
| 58 | 9- 6 | $30^s,05$ G | 40″,9 G |
| | III. | $20^h 33^m$ | 79°27′ |
| 80 | 8-23 | $13^s,30$ M | 34″,4 M |

### 28663 P. — 39879 à 81 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | $20^h 31^m$ | 74°42′ |
| 46 | 7-22 | $53^s,44$ G | 9″,7 G |
| | 8-21 | 53,61 G | 9,0 G |
| 48 | 7-10 | 53,51 G | |
| | 8-12 | | 8,2 G |
| | 9-15 [1] | 53,58 G | |
| | 9-17 | 53,61 G | |
| 50 | 9-16 | 53,58 G | |
| 51 | 9- 5 | 53,45 G | |
| | 9- 6 | 53,46 G | |
| 52 | 11-17 | 53,75 G | |
| | II. | $20^h 32^m$ | 74°39′ |
| 55 | 8-10 [2] | | 0″,4 G |
| | 8-16 | | 4,1 G |
| | 8-17 | | 5,1 G |

### 28663 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $20^h 32^m$ | 74°39′ |
| 56 | 7- 6 | $35^s,12$ G | |
| | 7-22 | 35,15 G | |
| | 8-31 | 35,19 G | 5,1 G |
| | 9- 4 | 35,20 G | |
| | 9- 6 | 35,30 G | |
| | 9-14 | 35,29 G | |
| | 9-20 | 35,07 G | |
| 57 | 6-29 [3] | 35,33 G | |
| | 7-22 | 35,20 G | |
| | 9-11 | 35,10 G | |
| | 9-12 | 34,94 G | |
| | 9-17 | | 4,9 G |
| | 10- 3 | 35,14 G | |
| | 11-18 | 35,24 G | |
| 58 | 8- 1 | 35,26 G | |
| | 8-26 | 35,22 G | 5,8 G |
| | 8-27 | 34,99 G | |
| | 9-15 | 35,26 G | |
| | 9-19 | 35,45 G | |
| | 10- 2 | 35,43 G | |
| 59 | 7-14 | 35,33 G | |
| | 7-26 | 35,25 G | |
| | 7-28 | 35,18 G | |
| 60 | 8-12 | 35,14 G | |
| 61 | 8-27 | | 4,5 G |
| | 8-30 | | 4,3 G |
| | 8-31 | | 5,2 G |
| | 9-12 | | 2,9 G |
| 63 | 7- 1 | | 2,4 G |
| | 8-31 | | 6,1 M |
| 64 | 8- 8 | 35,41 G | |
| | 9-17 | 35,39 G | |
| | III. | $20^h 33^m$ | 74°35′ |
| 68 | 8-18 | $16^s,97$ M | 58″,6 M |
| | 8-20 | 17,01 M | 58,2 M |
| 71 | 7-28 | 17,02 M | 59,8 G |
| | 9-17 | 16,80 G | |
| | 9-20 | 17,07 G | |
| 79 | 9-20 | 16,90 G | 59,9 G |
| 81 | 8-27 | 17,14 M | 58,4 M |

[1] 𝒜 augmentée de $20^s$ : erreur de transcription.

[2] 𝒫 augmentée de 4′ : erreur de réduction, et de 0″,4 : erreur de moyenne.

[3] 𝒜 augmentée de $3^s$ : erreur de moy.

### 28664 P. — 39866 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | $20^h 31^m$ | 85°34′ |
| 41 | 9-20 | $45^s,35$ G | |
| | III. | $20^h 33^m$ | 85°28′ |
| 74 | 8- 3 | $17^s,09$ M | 12″,3 M |
| | 9-19 | 17,12 G | 12,2 G |
| 75 | 8-16 | 16,83 G | 10,7 G |

### 28665 P. — 39872 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $20^h 32^m$ | 80°24′ |
| 55 | 10-21 [1] | $34^s,02$ G | |
| 58 | 8-12 | 34,02 G | |
| 60 | 9-15 | 34,09 G | |
| | 9-16 | | 56″,1 G |

[1] 𝒜 diminuée de $1^m$.

### 28666 P. — 39890 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $20^h 32^m$ | 65°42′ |
| 59 | 7-25 | | 41″,3 G |
| | 8-16 | $39^s,84$ G | 39,9 G |

### 28667 P. — 39893 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | $20^h 33^m$ | 64°53′ |
| 81 | 9-19 | $21^s,82$ J | 13″,4 J |

### 28668 P. — 8310 Berlin A.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | $20^h 32^m$ | 70°58′ |
| 40 | 8-30 | $7^s,25$ G | |

### 28669 P. — 39853 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | $20^h 31^m$ | 106°40′ |
| 40 | 10-10 | $49^s,52$ G | |
| | 10-12 | 49,52 G | |
| | II. | $20^h 32^m$ | 106°37′ |
| 54 | 9-16 | $40^s,26$ G | |
| 60 | 9- 1 | 40,32 G | |
| | 9-12 | 40,35 G | 9″,4 G |
| 62 | 9- 9 | 40,38 G | 9,4 G |

### 28670 P. — 39928 à 30 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | $20^h 33^m$ | 47°35′ |
| 81 | 9-17 | $33^s,27$ G | 48″,7 G |

### 28671 P. — 39889 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $20^h 32^m$ | 77°8′ |
| 58 | 10- 3 | $53^s,31$ G | 57″,7 G |
| | 10-12 | 53,38 G | |
| | III. | $20^h 33^m$ | 77°5′ |
| 80 | 8-31 | $35^s,84$ M | 52″,2 M |

### 28672 P. — 39905 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | $20^h 33^m$ | 68°37′ |
| 81 | 10- 1 | $37^s,58$ J | 18″,8 J |

### 28673 P. — 39953-54 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | $20^h 32^m$ | 37°33′ |
| 41 | 8-27 [1] | | 59″,2 F |

[1] 𝒫 dim. de 30″ ($1^t$ de vis des microsc.). Observation faite près du zénith sans indication de la position de l'observateur. On n'a pas tenu compte de la valeur de l'équation personnelle dans le calcul de la distance polaire.

### 28674 P. — 39854 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II | |
| | 20h 32m | 109° 16' |
| 54 9-21 | 48s,54 G | 4",7 G |
| | III. | |
| | 20h 33m | 109° 13' |
| 78 8-24 | 40s,14 G | 8",7 G |

### 28675 P. — 39865 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 32m | 105° 54' |
| 54 9-27 | 49s,67 G | 1",6 G |
| | III. | |
| | 20h 33m | 105° 50' |
| 68 8-13 | 40s,24 M | 54",3 M |
| 78 10-2 | 40,31 M | 53,4 M |

### 28676 P. — 39876-77 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 20h 32m | 93° 11' |
| 40 8-30 | | 43",6 F |
| 10-30 | 8s,00 G | |
| | II. | |
| | 20h 32m | 93° 8' |
| 55 8-11 | | 37",0 G |
| 56 7-31 | 55s,07 G | |
| 59 11-13 | 55,09 G | |
| | III. | |
| | 20h 33m | 93° 5' |
| 76 7-26 | 41s,98 G | 32",9 G |
| 8-8 | 41,94 G | 32,8 G |
| 8-9 | 41,82 G | 33,7 G |
| 9-22 | 41,59 G | 34,4 G |
| 78 9-20 | 41,85 G | |

### 28677 P. — 10631 $Mn_2$.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 33m | 76° 3' |
| 59 9-18 | 3s,72 G | |

### 28678 P. — 39873 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 32m | 99° 53' |
| 58 9-4 | | 57",9 G |
| 9-9 | 57s,74 G | 56,9 G |
| 60 9-19 | 57,61 G | 59,1 G |
| 61 10-16 | 57,85 G | 58,4 G |
| 62 9-13 | 57,68 G | 58,5 G |

### 28679 P. — 39907-08 et 11-12 L.

9 α Dauphin.

Étoile fondamentale.

### 28680 P. — 39921 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 20h 32m | 60° 12' |
| 39 8-28 | 36s,83 G | |
| 41 9-13 | 36,77 G | |
| | II. | |
| | 20h 33m | 60° 9' |
| 58 9-14 | 13s,74 G | 14",8 G |
| 9-23 | 13,70 G | 17,0 G |

### 28681 P. — 39902 et 04 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 20h 32m | 79° 17' |
| 46 11-3 | 25s,96 G | 51",5 G |
| 11-4 | 25,89 G | 52,3 G |
| 47 8-31 | 26,07 G | |
| 9-9 | | 51,3 G |
| 10-11 | | 51,6 F |
| 10-18 | 25,97 G | |
| | II. | |
| | 20h 33m | 79° 14' |
| 58 7-17 | 9s,23 G | |
| 8-24 | 9,15 G | 44",6 G |
| 61 8-14 | 9,24 G | 44,4 G |

### 28682 P. — 39899 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 33m | 82° 2' |
| 57 8-18 | 10s,50 G | |
| 9-9 | 10,20 G | 38",6 G |
| 10-16 | 10,26 G | 40,5 G |

### 28683 P. — 25502 $Mn_1$

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 33m | 76° 6' |
| 59 9-18[1] | 12s,43 G | |
| | III. | |
| | 20h 33m | 76° 2' |
| 71 9-14 | 54s,81 G | |

[1] Indiquée à tort comme 39915 L.; observée sur même calage que 10631 $Mn_2$.

### 28684 P. — 39863 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 33m | 116° 29' |
| 55 7-30 | 2s,53 G | |
| 57 8-12 | | 33",1 G |
| | III. | |
| | 20h 33m | 116° 26' |
| 79 9-3 | 56s,39 J | 28",1 J |

### 28685 P. — 39934 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 33m | 51° 50' |
| 67 9-6[1] | 22s,94 G | 53",6 G |

[1] 𝒜 augmentée de 1m.

### 28686 P. — 39946-47 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 33m | 46° 9' |
| 67 10-3 | 26s,21 M | 26",3 M |
| | III. | |
| | 20h 33m | 46° 6' |
| 81 8-24 | 57s,32 G | 19",7 G |
| 9-15 | 57,18 G | 21,0 G |

### 28687 P. — 9228 YF.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 20h 33m | 52° 14' |
| 79 9-11 | 57s,34 G | |

### 28688 P. — 39915 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 20h 32m | 77° 14' |
| 41 8-29 | 33s,46 G | |
| | III. | |
| | 20h 33m | 77° 8' |
| 74 9-24 | 58s,83 M | 4",7 M |
| 75 8-17 | 58,86 M | 3,5 M |
| 76 7-26 | 58,80 M | 4,4 M |
| 8-24 | 58,72 M | 3,8 M |

### 28689 P. — 39860 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 33m | 118° 29' |
| 55 8-18 | 5s,02 G | |

### 28690 P. — 39897-98 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 20h 34m | 86° 59' |
| 71 9-9 | 0s,39 M | 58",7 M |
| 74 8-20 | 0,46 G | 58,9 G |
| 75 8-23 | 0,32 G | 58,2 G |

### 28691 P. — 841 $W_1$.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 20h 34m | 97° 14' |
| 69 8-25 | 5s,71 M | 16",5 M |

### 28692 P. — 39917 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 33m | 79° 55' |
| 58 7-13 | | 12",8 G |
| 59 7-21 | 26s,22 G | 13,2 G |
| | III. | |
| | 20h 34m | 79° 52' |
| 79 9-20 | 9s,31 J | 6",5 J |

### 28693 P. — 39888 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 20h 32m | 107° 55' |
| 40 9-12 | 31s,83 G | |
| 41 9-21 | 31,78 G | |
| 9-23 | 31,72 G | |
| 10-1 | 31,67 G | |
| 10-6 | 31,84 G | |
| | II. | |
| | 20h 33m | 107° 52' |
| 58 9-13 | | 19",8 G |
| 61 10-18 | 22s,90 G | 21,6 G |
| | III. | |
| | 20h 34m | 107° 49' |
| 78 10-3 | 14s,01 M | 13",9 M |

### 28694 P. — 39896 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 20h 32m | 98° 35' |
| 40 8-17 | | 17",9 F |
| | II. | |
| | 20h 33m | 98° 32' |
| 56 8-24 | 26s,75 G | |
| 58 9-9 | | 11",2 F |
| 10-8 | | 11,1 G |
| | III. | |
| | 20h 34m | 98° 29' |
| 74 8-26 | 15s,12 G | |

### 28695 P. — 39961 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 33m | 42° 25' |
| 67 9-11 | 46s,43 M | 16",2 M |

### 28696 P. — 39903 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 33m | 100° 0' |
| 61 9-26 | 28s,11 G | 58",1 G |
| 9-27 | 28,03 G | 58,1 G |

### 28697 P. — 39892 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 33m | 103° 59' |
| 58 10-31 | 27s,24 G | 38",4 G |
| 11-1 | | 37,9 G |
| | III. | |
| | 20h 34m | 103° 56' |
| 78 8-23 | 17s,15 G | 31",2 G |
| 79 8-20[1] | 17,05 J | 30,7 J |

[1] 𝒜 augm. de 0s,31, et 𝒫 de 1",3 : erreur de réduct.

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜, 𝒟)

**28698 P. — 39945 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 20h 33m | 59° 59' |
| 58 | 8-28 | 49s,43 G | 15",7 G |
| | III. | 20h 34m | 59° 56' |
| 79 | 9-1 | 26s,46 G | 9",1 G |

**28699 P. — 39918 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 20h 33m | 91° 5' |
| 55 | 9-27 | | 25",5 G |
| 57 | 7-24 | 42s,08 G | |
| 58 | 9-8 | 42,12 G | 24,7 G |
| | III. | 20h 34m | 91° 2' |
| 69 | 8-28 | 28s,27 M | 17",3 M |
| 76 | 9-23 | 28,35 G | 18,8 G |

**28700 P. — 39948 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | I. | 20h 33m | 59° 43' |
| 46 | 8-17 | 15s,37 G | |

**28701 P. — 7852 Berlin B.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 20h 33m | 65° 14' |
| 58 | 11-11 | 51s,45 G | 15",3 G |

**28702 P. — 39932 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | I. | 20h 33m | 74° 50' |
| 48 | 7-28 | 8s,78 G | |
| | II. | 20h 33m | 74° 46' |
| 58 | 8-11[1] | 50s,77 G | |
| 60 | 9-6 | 50,93 G | 56",7 G |
| | III. | 20h 34m | 74° 43' |
| 71 | 8-27 | | 48",0 G |
| 79 | 9-25 | 32s,47 J | 49,7 J |

[1] 𝒜 dim. de 0s,20 : err. de 1s sur 1 fil.

**28703 P. — 7853 Berlin B.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 20h 33m | 66° 25' |
| 58 | 9-10 | 55s,97 G | 4",2 G |

**28704 P. — 40176 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | I. | 20h 36m | 9° 5' |
| 50 | 9-7 | | 50",8 G |
| 53 | 3-12 I | 21s,61 G | |
| | 3-15 I | 21,87 G | |

**28704 P. (suite).**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | I. | 20h 36m | 9° 5' |
| 53 | 3-22 I | 21s,79 G | |
| | 8-8 | 21,80 G | |
| | 8-9 | 22,37 G | 46",1 F |
| | 9-5 | 21,66 G | |
| | 9-9 | 22,58 G | |
| | 9-10 | 22,02 G | |
| | III. | 20h 34m | 8° 59' |
| 78 | 9-6 | | 32",0 J |
| | 9-7 | | 31,3 J |

**28705 P. — 4210 A + 24°.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 20h 34m | 65° 17' |
| 58 | 11-11 | 1s,17 G | |

**28706 P. — 862 W$_1$.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | I. | 20h 33m | 88° 33' |
| 40 | 8-15 | | 44",2 F |

**28707 P. — 39984-85 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | III. | 20h 34m | 38° 3' |
| 80 | 9-6 | 43s,16 G | 40",5 G |

**28708 P. — 8216-17 Sj.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | I. | 20h 33m | 91° 37' |
| 40 | 8-20 | | 38",4 F |

**28709 P. — 1155 W$_2$.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 20h 34m | 69° 37' |
| 58 | 9-17 | 4s,17 G | |

**28710 P. — 39940 et 42 L**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | I. | 20h 33m | 74° 54' |
| 46 | 8-14 | 22s,69 G | |
| | 9-2 | 21,94 G | |
| | 9-14[1] | 22,04 G | |
| 48 | 7-17 | 21,97 G | |
| | 8-2 | 22,01 G | |
| | 8-28 | | 18",0 G |
| | II. | 20h 34m | 74° 51' |
| 58 | 8-11[2] | 4s,10 G | 9",6 G |
| 60 | 9-6 | 4,09 G | 9,5 G |
| 61 | 10-19 | 4,11 G | 9,7 G |
| 62 | 9-18 | 3,97 G | 9,0 G |

**28710 P. (suite).**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | III. | 20h 34m | 74° 48' |
| 71 | 8-27 | 45s,88 G | |
| 75 | 8-7 | 45,83 M | 0",5 M |
| | 8-20 | 45,95 M | 1,1 M |
| | 9-2 | 45,86 M | 1,6 M |
| | 9-7 | 45,94 M | 1,1 M |
| | 9-17 | 45,88 M | 0,3 M |

[1] 𝒜 augmentée de 1m : erreur de transcr.
[2] 𝒜 dim. de 0s,20 : err. de 1s sur 1 fil.

**28711 P. — 39922 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 20h 33m | 97° 41' |
| 55 | 8-23 | 57s,81 G | |
| | 8-27 | | 26",9 G |
| | III. | 20h 34m | 97° 38' |
| 74 | 9-1 | 45s,95 G | 18",8 G |

**28712 P. — 39924 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | I. | 20h 33m | 96° 32' |
| 41 | 10-12 | 10s,45 G | |
| | II. | 20h 33m | 96° 29' |
| 55 | 8-20 | | 34",5 G |
| | 8-22 | 58s,19 G | |
| 56 | 8-2 | | 35,2 G |
| 58 | 8-20 | | 34,8 G |
| | III. | 20h 34m | 96° 26' |
| 79 | 8-26 | 46s,29 J | 26",3 J |
| | 9-22 | 46,16 J | 26,8 J |

**28713 P. — 39920 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 20h 34m | 102° 50' |
| 54 | 8-24 | 1s,05 G | 0",9 G |
| | 8-25 | 1,01 G | |
| | III. | 20h 34m | 102° 46' |
| 79 | 8-16 | 50s,66 M | 52",5 M |

**28714 P. — 39944 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | III. | 20h 34m | 75° 54' |
| 71 | 8-10 | 50s,99 G | 56",4 G |
| 75 | 8-25 | 50,94 G | |
| 81 | 9-15 | 51,02 M | 55,4 M |
| | 9-29 | 50,97 M | 56,1 M |

**28715 P. — 20751 à 53 A.O.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | I. | 20h 33m | 113° 32' |
| 44 | 8-21[2] | 6s,31 G | |

[1] 𝒜 diminuée de 1m.

**28716 P. — 39943 L. (la 1re).**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 20h 34m | 79° 55' |
| 57 | 7-12 | 10s,98 G | |

**28717 P. — 39943 L. (le centre).**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 20h 34m | 79° 55' |
| 57 | 8-6 | 11s,15 G | 10",6 G |
| | 8-21 | | 11,5 G |

**28718 P. — 39943 L. (la 2e).**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | | 79° 55' |
| 58 | 8-28[1] | | 15",7 F |

[1] 𝒟 augmentée de 1'.

**28719 P. — 39925 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 20h 34m | 101° 26' |
| 54 | 8-26 | 6s,31 G | |
| 59 | 7-17 | | 24",9 G |
| | III. | 20h 34m | 101° 23' |
| 78 | 8-31 | 55s,75 M | 17",9 M |
| | 9-21 | 55,71 M | 18,2 M |

**28720 P. — 39957 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 20h 34m | 64° 42' |
| 58 | 8-10 | 17s,32 G | 17",2 G |
| 61 | 9-2 | 17,32 G | 16,6 G |
| | 9-3 | 17,28 G | 17,1 G |
| 62 | 8-21 | 17,44 G | 17,2 G |

**28721 P. — 39973 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | III. | 20h 34m | 49° 51' |
| 80 | 8-20 | 59s,03 G | 39",8 G |
| | 8-28 | | 42,6 G |
| | 8-31 | 58,89 G | 41,1 G |

**28722 P. — 39967-68 L.**

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | II. | 20h 34m | 55° 6' |
| 66 | 9-15 | 26s,60 G | |
| | 10-17 | | 15",5 G |
| | III. | 20h 35m | 55° 3' |
| 81 | 8-27 | 2s,09 J | 6",4 J |
| | 9-16 | 1,96 J | 7,4 J |
| | 9-17 | 1,82 J | 6,2 J |
| | 9-18 | 1,96 J | 6,5 J |

Dates 1800 + / Positions moyennes pour les époques du Catal.

**28723 P. — 39958 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $20^{h}34^{m}$ | 68°34′ |
| 58 | 8-30 | $22^{s},79$ G | |
| 59 | 11-14 | 22,88 G | |
| 60 | 9-29 | 22,95 G | 2″,1 G |
| 62 | 10-1 | 23,05 G | 3,2 G |

**28724 P. — 25594 $Mn_1$.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $20^{h}34^{m}$ | 88°11′ |
| 61 | 8-12 | $17^{s},40$ G | |

**28725 P. — 868 $W_1$.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | $20^{h}33^{m}$ | 97°2′ |
| 40 | 8-28 | $29^{s},71$ G | |
| | 8-29 | | 59″,8 F |
| | 8-30 | | 61,7 F |
| | 8-31 | 29,73 G | 62,5 F |

**28726 P. — 39956 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $20^{h}34^{m}$ | 70°34′ |
| 56 | 6-26 | | 17″,5 G |
| | 9-8 | $25^{s},27$ G | |
| 58 | 10-1 | 25,41 G | 17,9 G |

**28727 P. — 39926 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $20^{h}34^{m}$ | 109°5′ |
| 54 | 8-28[1] | $15^{s},86$ G | 22″,1 G |
| | III. | $20^{h}35^{m}$ | 109°2′ |
| 78 | 9-11 | $7^{s},60$ M | 17″,8 M |
| | 9-19 | 7,77 M | 17,8 M |

[1] 𝒜 augmentée de $0^{s},40$ : deux fils ont été diminués arbitrairement et à tort de $1^{s}$.

**28728 P. — 1165 $W_1$.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $20^{h}34^{m}$ | 72°56′ |
| 59 | 7-26 | $28^{s},53$ G | |

**28729 P. — 39986-87 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | $20^{h}34^{m}$ | 44°52′ |
| 48 | 10-21 | $9^{s},43$ G | |
| 49 | 9-25 | | 43″,4 G |
| | II. | $20^{h}34^{m}$ | 44°49′ |
| 63 | 8-9 | $39^{s},77$ G | |
| | III. | $20^{h}35^{m}$ | 44°46′ |
| 74 | 9-12 | $10^{s},04$ G | |
| | 9-14 | 10,06 G | |

**28730 P. — 39937 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $20^{h}34^{m}$ | 98°6′ |
| 55 | 8-13 | $23^{s},24$ G | |
| 58 | 9-27 | | 56″,9 F |
| | 10-30[1] | | 58,0 G |
| | III. | $20^{h}35^{m}$ | 98°3′ |
| 76 | 9-21 | $11^{s},68$ M | 50″,7 M |
| | 9-22 | 11,59 M | 50,2 M |

[1] 𝒫 diminuée de 5′.

**28731 P. — 20903 A.O.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | $20^{h}34^{m}$ | 26°11′ |
| 49 | 7-26 | $43^{s},14$ G | |

**28732 P. — 7860 Berlin B.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $20^{h}34^{m}$ | 66°48′ |
| 58 | 11-4 | $37^{s},40$ G | |

**28733 P. — 39969 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $20^{h}34^{m}$ | 64°24′ |
| 59 | 9-24 | $41^{s},80$ G | 55″,3 G |
| | III. | $20^{h}35^{m}$ | 64°21′ |
| 71 | 9-18 | $20^{s},11$ G | |
| 74 | 9-1 | 20,32 M | 48″,2 M |
| | 9-19[1] | 20,29 M | 47,0 M |
| 75 | 9-14 | 20,35 M | 46,8 M |

[1] 𝒜 augmentée de $1^{s}$ : erreur de moy.

**28734 P. — 39963 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | $20^{h}34^{m}$ | 75°57′ |
| 37 | 10-12 | $0^{s},86$ G | |
| 39 | 8-21 | 0,88 G | |
| | 8-23 | 0,82 G | 52″,7 F |
| | 8-24 | 0,85 G | |
| 46 | 7-20 | 0,77 G | |
| | 10-18 | 0,78 G | |
| 49 | 8-15 | 0,93 G | |
| | 8-19[1] | 0,83 G | |
| 50 | 8-24 | 0,75 G | |
| | II. | $20^{h}34^{m}$ | 75°54′ |
| 58 | 7-21 | | 46″,5 G |
| | 9-8 | | 47,3 F |
| 62 | 9-12 | $42^{s},98$ G | 47,0 G |
| | 9-19 | 42,84 G | 46,3 G |
| | 9-20 | 42,74 G | 46,5 G |

[1] 𝒜 diminuée de $1^{m}$.

**28735 P. — 39939 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | $20^{h}33^{m}$ | 108°39′ |
| 39 | 9-9 | $50^{s},36$ G | |
| 40 | 8-17 | 50,43 G | |
| | 8-20 | 50,22 G | |
| | 9-21[1] | 50,41 G | |
| | 11-1 | 50,28 G | |
| | II. | $20^{h}34^{m}$ | 108°36′ |
| 54 | 9-1 | $41^{s},56$ G | 26″,8 G |
| | 9-6 | 41,63 G | 27,2 G |
| 58 | 10-16 | 41,78 G | |
| 59 | 9-10 | | 27,2 G |
| | III. | $20^{h}35^{m}$ | 108°33′ |
| 69 | 8-19 | $33^{s},04$ M | 17″,6 M |
| 78 | 8-16 | 32,92 G | 18,8 G |

[1] Erreur dans la désignation de l'étoile inscrite au t. III. Ce n'est pas 258 Piazzi (distance des fils).

**28736 P. — 9237 YF.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | $20^{h}33^{m}$ | 119°58′ |
| 41 | 8-28 | $49^{s},17$ G | |

**28737 P. — 1184 $W_2$.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $20^{h}35^{m}$ | 60°11′ |
| 58 | 9-23 | $3^{s},64$ G | |

**28738 P. — 1193 $W_2$.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | $20^{h}34^{m}$ | 47°5′ |
| 40 | 9-12 | | 8″,8 F |

**28739 P. — 269 Piazzi.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $20^{h}34^{m}$ | 78°55′ |
| 59 | 8-23 | | 49″,0 G |

**28740 P. — 39970 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | $20^{h}34^{m}$ | 76°44′ |
| 41 | 8-29 | $19^{s},57$ G | |

**28741 P. — 39955 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | $20^{h}34^{m}$ | 103°38′ |
| 40 | 10-10 | $4^{s},36$ G | |
| | 10-12 | 4,56 G | |
| 41 | 9-10 | 4,50 G | |
| | 9-11 | 4,63 G | |
| | 9-19 | 4,60 G | |
| | 9-20 | 4,67 G | |

**28741 P. (suite).**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $20^{h}34^{m}$ | 103°35′ |
| 54 | 8-29 | $54^{s},19$ G | 13″,0 G |
| | III. | $20^{h}35^{m}$ | 103°32′ |
| 78 | 9-2 | $44^{s},34$ M | 6″,0 M |
| | 9-3 | 43,97 M | |

**28742 P. — 5675 Sf. — 16°.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | $20^{h}35^{m}$ | 106°21′ |
| 68 | 8-13 | $44^{s},08$ M | 16″,4 M |
| 80 | 8-27 | 44,51 M | 15,7 M |
| 81 | 9-19 | 44,26 M | 15,6 M |

**28743 P. — 39975 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $20^{h}35^{m}$ | 77°58′ |
| 60 | 9-9 | $6^{s},51$ G | |
| | III. | $20^{h}35^{m}$ | 77°55′ |
| 79 | 8-26 | $49^{s},42$ G | 29″,9 G |
| | 9-4 | 49,53 J | 29,8 J |
| | 9-11 | 49,34 J | 30,4 J |

**28744 P. — 39959 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $20^{h}35^{m}$ | 101°28′ |
| 54 | 9-2 | $1^{s},44$ G | 2″,6 G |
| | III. | $20^{h}35^{m}$ | 101°24′ |
| 78 | 8-24 | $50^{s},70$ G | 54″,7 G |

**28745 P. — 1182 $W_2$.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | $20^{h}34^{m}$ | 73°7′ |
| 49 | 8-21 | $29^{s},17$ G | |

**28746 P. — 39964 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $20^{h}35^{m}$ | 95°47′ |
| 55 | 9-9 | $5^{s},51$ G | |
| 58 | 7-30 | 5,52 G | 30″,8 G |

**28747 P. — 40002 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | $20^{h}35^{m}$ | 55°24′ |
| 75 | 8-16 | $55^{s},60$ M | 6″,1 M |
| 79 | 8-30 | 55,55 G | 5,4 G |
| | 9-3 | 55,51 G | 7,3 G |

Columns: Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (Æ, P).

### 28748 P. — 39974 L.

| Dates | Æ | P |
|---|---|---|
| II. | 20h35m | 83°59' |
| 57 8- 3 | 11s,27 G | |
| 59 9- 3 | | 22",6 G |
| 61 10- 5 | | 24,2 G |
| 62 9-22[1] | 11,09 G | 24,4 G |
| III. | | 83°56' |
| 69 10- 5 | | 17",9 G |

[1] Æ diminuée de 1m.

### 28749 P. — 39965-66 L.

| Dates | Æ | P |
|---|---|---|
| II. | 20h35m | 92°49' |
| 55 9- 6 | 10s,51 G | 27",8 G |
| 59 11-13 | 10,80 G | |
| III. | 20h35m | 92°46' |
| 78 9-19 | 57s,22 G | 22",8 G |
| 9-21 | 57,28 G | |

### 28750 P. — 39999-40000 L.

| Dates | Æ | P |
|---|---|---|
| I. | 20h34m | 58°14' |
| 50 8-12 | | 27",2 G |
| II. | 20h35m | 58°11' |
| 67 8-24 | 22s,65 G | 18",3 G |
| III. | 20h35m | 58°8' |
| 74 8-26 | 58s,94 M | 10",7 M |

### 28751 P. — 40231 L.

| Dates | Æ | P |
|---|---|---|
| I. | 20h37m | 9°6' |
| 53 3-12 I | 41s,77 G | |
| 3-15 I | 42,63 G | |
| 3-22 I[1] | 42,16 G | 42",3 F |
| 8- 8 | 42,09 G | |
| 8- 9 | 42,10 G | 45,0 F |
| 9- 5 | 41,57 G | |
| 9- 9 | 43,05 G | |
| 9-10 | 43,34 G | |
| III. | 20h35m | 9°0' |
| 78 9- 5 | | 24",0 J |

[1] P diminuée de 30" : err. de moyenne.

### 28752 P. — 39996 L.

| Dates | Æ | P |
|---|---|---|
| III. | 20h36m | 62°47' |
| 80 9- 2 | 3s,00 J | 15",4 J |
| 9- 8 | 2,96 J | 15,5 J |

### 28753 P. — 40021 L.

| Dates | Æ | P |
|---|---|---|
| III. | 20h36m | 44°52' |
| 81 8-21 | 3s,66 G | |
| 9-19 | 3,78 G | |

### 28754 P. — 40003 L.

| Dates | Æ | P |
|---|---|---|
| II. | 20h35m | 61°8' |
| 58 11-12 | | 11",9 G |
| III. | 20h36m | 61°5' |
| 75 8-16 | 5s,90 G | 2",2 G |

### 28755 P. — 39979 L.

| Dates | Æ | P |
|---|---|---|
| III. | 20h36m | 83°15' |
| 71 9-18 | 7s,16 M | 49",8 M |
| 9-20 | 6,72 M | 47,6 M |

### 28756 P. — 39971-72 L.

| Dates | Æ | P |
|---|---|---|
| II. | 20h35m | 92°51' |
| 55 9-26 | 20s,90 G | 46",0 G |
| 59 11-13 | 21,00 G | |
| III. | 20h36m | 92°48' |
| 79 8- 2[1] | 7s,94 J | 33",7 J |
| 8-12 | 7,83 J | 34,2 J |

[1] Æ augmentée de 1s : correction indiquée comme probable par l'observateur.

### 28757 P. — 20766-67 A.O.

| Dates | Æ | P |
|---|---|---|
| II. | 20h35m | 112°57' |
| 55 9- 8 | 16s,17 G | |

### 28758 P. — 39997 L.

| Dates | Æ | P |
|---|---|---|
| II. | 20h35m | 66°27' |
| 58 11-10 | | 17",9 G |
| 59 7-28 | 30s,84 G | 17,0 G |
| III. | 20h36m | 66°24' |
| 79 8-20 | 10s,21 G | 9",7 G |

### 28759 P. — 40007 L.

| Dates | Æ | P |
|---|---|---|
| III. | 20h36m | 61°6' |
| 71 9-17 | 11s,03 G | |
| 79 9-12 | | 41",6 G |
| 9-18 | 11,43 G | 43,3 G |
| 9-20 | 11,35 G | 42,8 G |

### 28760 P. — 40009 L.

| Dates | Æ | P |
|---|---|---|
| III. | 20h36m | 59°11' |
| 80 10- 4 | 11s,22 J | 38",7 J |
| 81 8-14 | 11,42 J | 37,1 J |

### 28761 P. — 39994 L.

| Dates | Æ | P |
|---|---|---|
| II. | 20h35m | 70°58' |
| 58 9-27 | 31s,00 G | |
| 10- 3 | 31,10 G | 36",7 G |
| 61 10-16 | | 34,9 G |

### 28762 P. — 39993 L.

| Dates | Æ | P |
|---|---|---|
| II. | 20h35m | 72°58' |
| 59 7-26 | 32s,39 G | |
| III. | 20h36m | 72°55' |
| 71 9- 3 | 13s,73 G | |
| 74 9-24 | 13,80 M | 31",5 M |
| 75 8-10 | 13,81 M | 31,2 M |

### 28763 P. — 40001 L.

| Dates | Æ | P |
|---|---|---|
| II. | 20h35m | 66°18' |
| 58 9-10 | 35s,39 G | 53",9 G |
| 59 7-25 | | 53,8 G |
| 7-28 | 35,51 G | |

### 28764 P. — 39962 L.

| Dates | Æ | P |
|---|---|---|
| II. | 20h35m | 113°58' |
| 58 10- 6 | | 13",0 G |
| 60 9-12 | 25s,92 G | 13,5 G |
| 61 10-10 | 25,95 G | 13,0 G |
| 10-12 | 26,00 G | 12,0 G |

### 28765 P. — 40020 L.

| Dates | Æ | P |
|---|---|---|
| II. | 20h35m | 51°24' |
| 67 9-11 | | 52",6 G |
| III. | 20h36m | 51°21' |
| 79 7-31 | | 42",2 G |
| 9-22 | 19s,22 G | 43,5 G |
| 9-24 | 19,62 G | 43,1 G |
| 9-25 | 19,74 G | |
| 10- 4 | 19,52 G | 44,9 G |

### 28766 P. — 40022 et 24 L.

| Dates | Æ | P |
|---|---|---|
| II. | 20h35m | 49°17' |
| 63 8-14 | 47s,77 M | |

### 28766 P. (suite).

| Dates | Æ | P |
|---|---|---|
| III. | 20h36m | 49°14' |
| 80 9- 2 | 20s,60 G | 28",4 G |
| 81 9-30 | 20,74 M | 28,8 M |
| 10- 3 | 20,49 M | 29,2 M |
| 10-14 | 20,86 G | 30,5 G |

### 28767 P. — 39991-92 L.

| Dates | Æ | P |
|---|---|---|
| II. | 20h35m | 80°1' |
| 57 8-13 | 37s,73 G | 29",6 G |
| 60 9-19 | 37,42 G | 32,0 G |
| 9-19 | | 29,8 F |
| III. | 20h36m | 79°58' |
| 80 8- 8 | 20s,95 M | 20",9 M |

### 28768 P. — 39960 L.

| Dates | Æ | P |
|---|---|---|
| II. | 20h35m | 118°24' |
| 55 9-25 | | 53",8 G |
| 58 8- 4 | | 53,0 G |
| III. | 20h36m | 118°21' |
| 81 10- 1 | 22s,13 M | 45",2 M |

### 28769 P. — 39995 L.

| Dates | Æ | P |
|---|---|---|
| II. | 20h35m | 77°51' |
| 58 8-24[1] | 41s,52 G | 55",4 G |
| 60 8-16 | 41,13 G | 58,9 F |
| 62 8- 3 | 41,08 G | 56,2 G |

[1] Æ non comprise dans la moyenne : fils très discordants.

### 28770 P. — 39990 L.

| Dates | Æ | P |
|---|---|---|
| I. | 20h34m | 83°19' |
| 40 8-20 | | 58",8 F |
| III. | 20h36m | 83°13' |
| 74 8- 3 | 24s,77 M | 41",6 M |
| 79 9- 2 | 24,62 G | 41,9 G |

### 28771 P. — 7235 Albany.

| Dates | Æ | P |
|---|---|---|
| II. | 20h35m | 88°12' |
| 61 8-12 | 40s,22 G | |

**28772 P.**

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 35m | 78°42′ |
| 59 8-22 | 43s,35 G | |

**28773 P. — 39977 L.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 35m | 101°14′ |
| 54 9- 4 | | 30″,9 G |
| 57 7-11 | 37s,92 G | |
| 58 9-13 | | 32,1 G |
| | III. | |
| | 20h 36m | 101°11′ |
| 79 8-30 | 27s,08 J | 22″,1 J |

**28774 P.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 20h 36m | 103°36′ |
| 70 7-19 | 31s,72 M | 43″,1 M |

**28775 P. — 40005 L.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 20h 36m | 78°0′ |
| 71 8-19 | 34s,70 G | |
| 74 9-15 [1] | 34,68 M | 43″,4 M |
| 75 9- 6 | 34,68 M | 43,1 M |
| 76 7-26 | 34,70 M | 41,2 M |
| 79 9-18 | 34,74 J | 43,3 J |

[1] 𝒟 augmentée de 1′.

**28776 P. — 74 Dragon.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 20h 38m | 9°27′ |
| 53 8- 8 | 9s,05 G | |
| 8- 9 | 10,93 G | |
| 9- 5 | 10,13 G | |
| 9-10 | 11,74 G | |

**28777 P. — 39998 L.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 35m | 83°6′ |
| 58 8-12 | 51s,96 G | 17″,3 G |
| | III. | |
| | 20h 36m | 83°3′ |
| 72 9- 9 | | 5″,8 M |
| 79 9-12 | 36s,24 J | 6,8 J |

**28778 P. — 5742 Sf. — 13°.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 20h 36m | 103°35′ |
| 80 9- 9 | 39s,00 M | 21″,9 M |

**28779 P. — 4524 A + 4°.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 20h 36m | 85°1′ |
| 73 8-23 | 40s,74 M | 4″,3 M |

**28780 P. — 40016 et 18 L.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 36m | 71°6′ |
| 58 9-27 | 2s,33 G | |
| 61 10-16 | 2,40 G | |
| 62 9- 9 | | 11″,4 G |
| | III. | |
| | 20h 36m | 71°2′ |
| 71 8- 7 | 43s,22 G | |
| 8-12 | 43,12 G | 60″,5 G |
| 8-13 | 43,26 G | |
| 8-28 | 42,95 G | 59,7 G |
| 9- 9 | 43,13 G | |
| 9-11 | 43,13 G | |
| 9-12 | 43,12 G | |

**28781 P. — 39981 L.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 35m | 109°50′ |
| 57 9-12 | 53s,92 G | |
| 59 10-17 | | 34″,9 G |
| 62 9-17 | 54,18 G | 34,9 G |
| | III. | |
| | 20h 36m | 109°47′ |
| 78 9- 6 | 45s,65 M | 28″,1 M |
| 9- 7 | 45,64 M | 26,3 M |

**28782 P. — 40031 L.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 20h 36m | 54°54′ |
| 69 10- 6 | 46s,87 M | 5″,9 M |
| 76 8- 7 | 46,95 G | 6,3 G |

**28783 P.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 35m | 105°8′ |
| 66 9-26 | 58s,11 M | 37″,1 M |

**28784 P. — 25727 $Mn_1$.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II | |
| | 20h 36m | 101°22′ |
| 54 8-30 | 4s,78 G | |

**28785 P. — 40032 L.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 20h 36m | 59°8′ |
| 80 9-13 | 55s,25 J | 5″,0 J |
| 81 8- 6 | 55,22 J | 4,9 J |
| 8- 7 | 55,28 J | 3,6 J |
| 8-10 | 55,41 J | 5,4 J |
| 9-15 | 55,15 J | 5,0 J |

**28786 P. — 1225 $W_2$.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 36m | 66°49′ |
| 58 11- 4 | 18s,47 G | |

**28787 P. — 40027 L.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 36m | 66°30′ |
| 59 7-31 | 20s,29 G | 27″,2 G |
| | III. | |
| | 20h 36m | 66°27′ |
| 71 10-23 | 59s,53 G | |
| 74 9-19 [1] | 59,69 G | 19″,1 G |

[1] 𝒜 augm. de 1s : l'observateur a diminué de 1s le 1er fil au lieu d'augmenter de 1s les 5 derniers.

**28788 P. — 39982 L.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 36m | 118°42′ |
| 55 7-30 | 6s,97 G | |
| | III. | |
| | 20h 37m | 118°39′ |
| 79 9-10 | 1s,19 J | 12″,5 J |
| 80 8- 9 | 1,62 M | 11,7 M |

**28789 P. — 40006 L.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 36m | 98°53′ |
| 56 8- 3 | | 32″,9 G |
| 58 9- 8 | 17s,17 G | 33,8 G |
| | III. | |
| | 20h 37m | 98°50′ |
| 79 8- 1 | 5s,62 J | 30″,9 J |

**28790 P. — 40049 à 53 L.**

50 α Cygne.

Étoile fondamentale.

**28791 P. — 4113 A + 23°.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 36m | 66°29′ |
| 59 7-31 | 32s,19 G | |

**28792 P. — 40014-15 L.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 36m | 92°57′ |
| 56 8-24 | 25s,59 G | 2″,6 G |

**28792 P. (suite).**

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 20h 37m | 92°53′ |
| 76 8- 8 | 12s,54 G | 53″,0 G |
| 8- 9 | 12,52 G | 52,7 G |
| 8-17 | 12,55 G | 54,0 G |
| 9-21 | 12,43 G | 53,2 G |
| 9-22 | 12,37 G | 53,7 G |

**28793 P. — 40013 L.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 36m | 96°27′ |
| 58 8-20 | 28s,00 G | 18″,6 G |
| 9- 9 | | 17,9 F |
| 9-11 | | 19,9 F |
| 9-26 | 27,95 G | 17,8 G |
| | III. | |
| | 20h 37m | 96°24′ |
| 74 8-26 | 15s,72 G | 9″,7 G |

**28794 P. — 1236 $W_2$.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 36m | 60°13′ |
| 58 9-23 | 38s,74 G | 56″,1 G |

**28795 P. — 40017 L.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 36m | 96°5′ |
| 55 8-13 | 31s,98 G | |
| 60 8-12 [1] | 31,76 G | |
| 61 9- 2 | 32,13 G | |
| 9- 3 | 31,90 G | 31″,6 G |
| | III. | |
| | 20h 37m | 96°2′ |
| 69 8-27 | 19s,66 M | 20″,3 M |
| 74 9- 1 | 19,68 G | 20,2 G |

[1] Indiquée à tort comme 40007 L. (dist. des fils). Le cahier porte d'ailleurs 40017 L.

**28796 P. — 40058-59 L.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 36m | 48°46′ |
| 57 9-17 | | 58″,1 G |

**28797 P. — 40029 L.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h 36m | 85°6′ |
| 56 7-15 | | 39″,8 G |
| 7-29 | | 40,7 G |
| 58 9-28 | 42s,40 G | |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (Æ. — D.)

**28798 P. — 40063 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | III. | 20h37m | 47°55' |
| 80 | 8-23 | 28s,14 G | 23",6 G |
| | 9- 6 | 27,92 G | 23,4 G |
| 81 | 8-27 | 28,16 G | 22,9 G |
| | 9-17 | 28,12 G | 22,2 G |
| | 10- 5 | 28,08 G | 23,6 G |

**28799 P. — 40043 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | III. | 20h37m | 54°59' |
| 80 | 8-27 | 28s,28 J | 26",8 J |
| 81 | 8- 8 | 28,51 J | 27,1 J |
| | 8-18 | 28,62 J | 26,7 J |

**28800 P. — 40030 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II | 20h36m | 83°55' |
| 57 | 8-21 | | 23",4 G |
| 61 | 10-14 | 44s,76 G | 23,3 G |
| | III. | 20h37m | 83°52' |
| 79 | 9- 1 | 29s,01 J | 13",8 J |

**28801 P. — 40035 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | III. | 20h37m | 75°15' |
| 71 | 9-14 | 30s,98 G | |
| | 9-15 | 30,76 M | 8",6 M |
| | 9-15 | 31,04 G | 7,6 G |

**28802 P. — 40019 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | 20h36m | 104°41' |
| 54 | 9-16 | 45s,86 G | |
| 55 | 9- 9 | | 18",1 G |
| 57 | 8-12 | | 17,1 G |
| 59 | 9-10 | | 16,8 G |
| | III. | 20h37m | 104°38' |
| 78 | 8-23 | 36s,11 G | 7",6 G |

**28803 P. — 40036-37 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | 20h36m | 75°25' |
| 57 | 7- 5 | 55s,31 G | |
| | 7-23 | 55,30 G | |
| | 8-14 | 55,31 G | 30",8 G |
| | 10-13 | 55,21 G | |
| 58 | 8-31 | 55,20 G | |
| | 9-11 | 55,35 G | 30,4 G |
| | 9-12 | | 30,4 G |

**28804 P. — 3263 Gr.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | I. | 20h36m | 30°3' |
| 40 | 11-20 | 59s,75 G | 14",3 F |
| | 11-26 | 60,06 G | 13,5 F |

**28805 P. — 40026 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | 20h36m | 94°25' |
| 57 | 7-31 | 51s,90 G | |
| 58 | 9- 4 | | 3",0 G |
| 59 | 10- 6 | 51,61 G | |
| | III. | 20h37m | 94°21' |
| 76 | 8-10 | 39s,21 G | 52",9 G |
| | 8-16 | 39,15 G | 52,9 G |
| | 9-23 | 39,10 G | 53,4 G |

**28806 P. — 40025 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | 20h36m | 98°55' |
| 58 | 9- 8 | 53s,33 G | |
| 61 | 10-18 | 53,43 G | 52",2 G |
| | III. | 20h37m | 98°52' |
| 79 | 8-12 | 41s,97 M | 40",1 M |

**28807 P. — 40054 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | 20h37m | 66°51' |
| 58 | 8-10 | 16s,80 G | 25",4 G |
| | 9-17 | 16,97 G | |
| | III. | 20h37m | 66°48' |
| 71 | 9-20 | 56s,08 G | |

**28808 P. — 40060 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | III. | 20h37m | 64°37' |
| 71 | 10-12 | 56s,90 G | |
| 74 | 9- 5 | 57,09 M | 27",1 M |
| | 9-12 | 56,92 M | 26,3 M |
| | 9-18 | 56,89 M | 26,0 M |
| 75 | 8-17 | 56,94 M | 25,9 M |
| | 8-20 | 56,89 M | 25,7 M |
| | 9- 7 | 56,90 M | 26,6 M |
| | 9-17 | 56,92 M | 26,4 M |

**28809 P. — 40045 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | 20h37m | 70°46' |
| 57 | 8-26 | 18s,89 G | |
| 58 | 7-21 | | 25",7 G |
| | 8- 9 | | 25,1 G |
| | 10-12 | 18,92 G | |

**28810 P. — 40034 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | 20h37m | 99°47' |
| 59 | 8- 7 | 12s,25 G | |
| 61 | 10-19 | 12,56 G | 0",8 G |
| | III. | 20h38m | 99°43' |
| 79 | 8-25 | 1s,00 J | 50",9 J |
| | 9- 3 | 1,10 J | 50,7 J |

**28811 P. — 40064 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | III. | 20h38m | 64°50' |
| 80 | 9-27 | 1s,55 J | 48",7 J |
| | 10- 1 | 1,57 J | 49,2 J |
| 81 | 9-17 | 1,54 J | 48,1 J |
| | 9-18 | 1,55 J | 48,9 J |

**28812 P. — 40062 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | 20h37m | 66°58' |
| 58 | 9-17 | 24s,64 G | 25",5 G |
| 59 | 11-14 | 24,44 G | |
| | III. | 20h38m | 66°55' |
| 79 | 8-11 | 4s,03 G | 13",2 G |
| | 8-12 | 4,11 G | 15,1 G |

**28813 P. — 40041 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | 20h37m | 90°36' |
| 58 | 7-30 | 24s,85 G | 15",7 G |
| | III. | 20h38m | 90°33' |
| 69 | 8-25 | 11s,37 M | |
| 74 | 9-12 | 11,36 G | 6",7 G |
| 75 | 8-25 | 11,29 G | |
| 76 | 10- 9 | 11,50 G | 7,1 G |
| 78 | 9-20 | 11,41 G | |

**28814 P. — 40046-47 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | III. | 20h38m | 80°52' |
| 71 | 9-18 | 14s,48 M | 42",2 M |
| | 9-20 | 14,46 M | 39,8 M |

**28815 P. — 40068 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | 20h37m | 66°42' |
| 58 | 11-10 | | 41",9 G |
| | 11-12 | | 42,2 G |
| 60 | 9- 6 | 39s,54 G | 41,7 G |
| | 9- 6 | | 42,3 F |
| | 9-29 | 39,38 G | 40,5 G |
| 61 | 10- 5 | | 41,5 G |
| 62 | 8-21 | 39,65 G | 41,9 G |
| | 10- 1 | 39,51 G | 42,3 G |
| | 10- 8 | 39,31 G | 42,2 G |

**28816 P. — 20810 A.O.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | 20h37m | 105°32' |
| 66 | 10-17 | 33s,48 M | 26",4 M |
| | 10-23 | 33,44 M | 24,6 M |

**28817 P. — 40083 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | III. | 20h38m | 54°51' |
| 74 | 8-20 | 30s,63 M | 41",0 M |
| | 8-22 | 30,59 M | 42,5 M |

**28818 P. — 40061 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | 20h37m | 85°36' |
| 58 | 9-13 | 45s,83 G | 39",6 G |
| | III. | 20h38m | 85°33' |
| 79 | 9- 8 | 30s,89 J | 29",4 J |

**28819 P. — 40057 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | III. | 20h38m | 90°9' |
| 68 | 8-28 | 31s,82 M | 22",3 M |
| 74 | 9-14 | 31,71 M | 24,4 M |
| 75 | 9- 1 | 31,80 M | 26,3 M |
| | 9- 2 | 31,88 M | 26,7 M |

**28820 P. — 40044 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | 20h37m | 97°16' |
| 55 | 8-20 | | 3",9 G |
| | 9- 9 | 47s,05 G | |
| | III. | 20h38m | 97°12' |
| 76 | 9-21 | 35s,25 M | 53",1 M |
| | 9-22 | 35,15 M | 54,1 M |
| | 10- 9 | 35,19 M | 53,6 M |

**28821 P. — 40091 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | III. | 20h38m | 49°49' |
| 80 | 9- 1 | 35s,78 G | |
| | 9- 3 | 35,89 G | 15",3 G |

**28822 P. — 40055 L.**

| A. | M. J. | Æ. | D. |
|---|---|---|---|
| | II. | 20h37m | 96°39' |
| 57 | 10-20 | 50s,04 G | 44",1 G |
| | III. | 20h38m | 96°36' |
| 69 | 8-28 | 37s,61 M | 30",7 M |

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. Æ | D |
|---|---|---|

**28823 P. — 40042 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | $20^h 37^m$ | 109°40′ |
| 59 7-17 | | 35″,5 G |
| III. | $20^h 38^m$ | 109°37′ |
| 78 9-20 | 38$^s$,23 M | 24″,1 M |
| 10- 2 | 38,28 M | 21,0 M |

**28824 P. — 40039 L.**

16 ψ Capricorne.

Étoile fondamentale.

**28825 P. — 958 $W_1$.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | $20^h 37^m$ | 98°14′ |
| 58 9- 9[1] | | 25″,6 F |

[1] D augmentée de 5′.

**28826 P. — 40075 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | $20^h 38^m$ | 76°56′ |
| 57 10- 3 | 2$^s$,10 G | 55″,7 G |
| 59 9-18 | 2,06 G | |
| III. | $20^h 38^m$ | 76°53′ |
| 71 8-22 | 44$^s$,21 G | |
| 8-23 | 44,61 M | 42″,8 M |
| 8-27 | | 43,6 G |

**28827 P. — 40066 L.**

| A. M. J. | Æ | D |
|---|---|---|
| III. | $20^h 38^m$ | 91°29′ |
| 78 9-19 | 45$^s$,27 G | 41″,7 G |
| 9-21 | 45,25 G | |

**28828 P. — 40086 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | $20^h 38^m$ | 61°21′ |
| 58 11-11 | 11$^s$,95 G | 29″,0 G |
| III. | $20^h 38^m$ | 61°18′ |
| 71 9-17 | 49$^s$,48 G | |
| 9-18 | 49,20 G | 17″,6 G |

**28829 P. — 5575 Sf. — 6°.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | $20^h 38^m$ | 96°25′ |
| 58 8-20 | 3$^s$,69 G | 5″,3 G |
| 9-26 | 4,01 G | 4,0 G |

**28830 P. — 40077 et 79 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | $20^h 38^m$ | 80°39′ |
| 58 9-15 | 10$^s$,10 G | |
| 59 7-21 | 10,27 G | 26″,2 G |
| III. | $20^h 38^m$ | 80°36′ |
| 79 8-20 | 53$^s$,78 G | 13″,3 G |

**28831 P. — 5576 Sf. — 6°.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | $20^h 38^m$ | 96°23′ |
| 58 9-26 | 6$^s$,03 G | |

**28832 P. — 17 Capricorne.**

| A. M. J. | Æ | D |
|---|---|---|
| I. | $20^h 37^m$ | 112°4′ |
| 50 8-24 | 10$^s$,25 G | |
| III. | $20^h 38^m$ | 111°57′ |
| 76 8- 3 | 54$^s$,96 M | 59″,6 M |
| 8- 3 | 55,02 G | 60,4 G |
| 8- 4 | 54,98 M | 61,4 M |
| 8- 4 | 54,92 G | 60,8 G |

**28833 P. — 20818 A.O.**

| A. M. J. | Æ | D |
|---|---|---|
| III. | $20^h 38^m$ | 115°48′ |
| 58 10-15 | 2$^s$,69 G | |

**28834 P. — 40107 L.**

| A. M. J. | Æ | D |
|---|---|---|
| III. | $20^h 38^m$ | 41°23′ |
| 81 8-24 | 56$^s$,48 G | 49″,7 G |
| 9-19 | 56,35 G | 47,5 G |

**28835 P. — 40081 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | $20^h 38^m$ | 78°11′ |
| 56 6-26 | | 33″,1 G |
| 9- 8 | 14$^s$,45 G | |
| 58 9- 8 | | 32,8 F |
| 10- 1 | 14,42 G | 33,4 G |
| 10 8 | | 33,9 G |
| III. | $20^h 38^m$ | 78°8′ |
| 71 9- 5 | 57$^s$,26 G | |

**28836 P. — 40076 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | $20^h 38^m$ | 84°28′ |
| 57 8- 3 | 12$^s$,81 G | |

**28836 P. (suite).**

| A. M. J. | Æ | D |
|---|---|---|
| III. | $20^h 38^m$ | 84°25′ |
| 74 8-20 | 57$^s$,56 G | 42″,0 G |
| 9-14 | 57,30 G | 40,9 G |
| 75 8-16 | 57,43 G | 40,4 G |
| 8-23 | 57,36 G | 40,9 G |
| 10-12 | 57,61 M | 41,0 M |

**28837 P. — 40056 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | $20^h 38^m$ | 109°38′ |
| 54 8-24 | 6$^s$,31 G | |
| 8-25 | 6,42 G | |
| 59 7-17 | | 40″,1 G |

**28838 P. — 1286-87 $W_2$.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | $20^h 38^m$ | 66°34′ |
| 59 7-31 | 19$^s$,73 G | |

**28839 P. — 40100 L.**

| A. M. J. | Æ | D |
|---|---|---|
| III. | $20^h 39^m$ | 50°3′ |
| 80 9-15 | 0$^s$,42 J | 24″,1 J |
| 9-24 | 0,39 J | 23,9 J |

**28840 P. — 1288-89 $W_2$.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | $20^h 38^m$ | 66°38′ |
| 59 7-31 | 21$^s$,87 G | |

**28841 P. — 25879 $Mn_1$.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | $20^h 38^m$ | 75°26′ |
| 57 10-13 | 19$^s$,51 G | |

**28842 P. — 40069 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | $20^h 38^m$ | 95°9′ |
| 55 8-26 | 15$^s$,37 G | 12″,3 G |
| III. | $20^h 39^m$ | 95°6′ |
| 79 8-16 | 2$^s$,79 M | 2″,0 M |

**28843 P. — 40089 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | $20^h 38^m$ | 66°52′ |
| 59 7-25 | | 47″,1 G |
| 60 9-19 | 26$^s$,54 G | 49,9 G |
| 9-19 | | 48,7 F |
| 62 9-22 | 26,52 G | 48,8 G |

**28844 P. — 40070 L.**

| A. M. J. | Æ | D |
|---|---|---|
| III. | $20^h 39^m$ | 98°6′ |
| 79 8-30 | 6$^s$,73 J | 58″,5 J |
| 9-11 | 6,53 J | 60,2 J |

**28845 P. — 40108 L.**

| A. M. J. | Æ | D |
|---|---|---|
| I. | $20^h 38^m$ | 45°16′ |
| 44 8-28 | | 20″,0 F |
| 48 10-26 | 5$^s$,73 G | |
| 11- 9 | 5,75 G | |
| 11-10 | 5,79 G | |
| II. | $20^h 38^m$ | 45°13′ |
| 58 8- 6 | 36$^s$,24 G | |
| 9- 6 | 36,28 G | |
| 61 7-30 | 36,61 G | |
| 9- 1 | 36,48 G | |
| III. | $20^h 39^m$ | 45°9′ |
| 79 8-26 | 7$^s$,01 G | 53″,2 G |
| 9- 3 | 7,29 G | 54,9 G |

**28846 P. — 40090 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | $20^h 38^m$ | 70°0′ |
| 57 9- 6 | 29$^s$,05 G | 51″,7 G |
| 58 8-24 | 29,11 G | 49,8 G |
| III. | $20^h 39^m$ | 69°57′ |
| 71 9- 9 | 9$^s$,51 G | |

**28847 P. — 40103 L.**

| A. M. J. | Æ | D |
|---|---|---|
| III. | $20^h 39^m$ | 50°59′ |
| 81 8-24 | 9$^s$,99 J | 25″,8 J |
| 8-27 | 10,40 J | 25,9 J |

**28848 P. — 40072 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | $20^h 38^m$ | 101°31′ |
| 54 8-26 | 26$^s$,29 G | |
| 61 9- 2 | 26,35 G | |
| 10- 3 | 26,40 G | 40″,7 G |
| 62 9-20 | 26,22 G | 39,7 G |
| III. | $20^h 39^m$ | 101°28′ |
| 78 10- 3[1] | 15$^s$,53 M | 27″,3 M |

[1] Æ augmentée de $1^s$ : erreur de réduct.

Dates 1800+ — Positions moyennes pour les époques du Catal.

**28849 P. — 40082 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 38m | 84° 37' |
| 56 8-26 | | 16",9 G |
| 57 8-21 | | 15,4 G |
| 60 9-12 | 31s,10 G | 17,7 G |
| 61 9- 3 | 30,99 G | 17,2 G |

**28850 P. — 40102 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h 39m | 58° 45' |
| 80 9- 8 | 20s,13 J | 20",7 J |
| 9-13 | 20,22 J | 19,1 J |

**28851 P. — 40112-13 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h 38m | 48° 20' |
| 40 10-10 | 19s,05 G | |
| 10-12 | 19,03 G | |
| 10-13 | 19,09 G | |
| III. | 20h 39m | 48° 13' |
| 80 8-27 | 23s,81 G | 49",5 G |
| 9-26 | 23,74 G | 49,6 G |

**28852 P. — 40099 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h 38m | 65° 16' |
| 39 8-28 | 10s,09 G | |
| 49 8-21 | 10,10 G | |
| II. | 20h 38m | 65° 13' |
| 58 10- 2 | | 40",6 G |
| 59 9-24[1] | 49s,26 G | 41,4 G |
| III. | 20h 39m | 65° 10' |
| 79 9- 2 | 27s,92 G | 31",8 G |

[1] 𝒜 diminuée de 2s : erreur commise également sur l'étoile 7917 Berlin B. qui suit dans la série et qui est observée sur le même calage de la lunette.

**28853 P. — 40073 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 38m | 109° 56' |
| 55 7-30 | 36s,75 G | |
| 9-19 | 36,90 G | 49",5 G |
| 59 10-17 | | 46,5 G |
| III. | 20h 39m | 109° 53' |
| 78 8-16[1] | 28s,58 G | 33",7 G |
| 8-31 | 28,52 M | 38,6 M |

[1] 𝒫 augmentée de 1'.

**28854 P. — 15031 T. — 27°.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 38m | 117° 10' |
| 67 9-24 | 35s,24 M | 27",8 M |
| 9-26 | 35,24 M | 27,8 M |

**28855 P. — 40110 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 38m | 53° 47' |
| 67 9-11 | | 28",1 G |
| III. | 20h 39m | 53° 44' |
| 79 9-25 | 31s,14 J | 16",2 J |
| 10- 6 | 31,30 J | 15,7 J |

**28856 P. — 40085 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 38m | 91° 19' |
| 55 9- 6 | 46s,08 G | 52",4 G |
| III. | 20h 39m | 91° 16' |
| 79 9- 4 | 32s,67 J | 40",8 J |

**28857 P. — 40093 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 38m | 79° 4' |
| 58 10- 3 | 50s,75 G | 54",4 G |
| III. | 20h 39m | 79° 1' |
| 71 8- 7 | 33s,97 G | 42",5 G |
| 8-12 | 33,98 G | 43,1 G |
| 8-13 | 33,97 G | |
| 8-19 | 33,80 G | |
| 9- 3 | 33,82 G | 42,2 G |
| 9-11 | 33,90 G | |
| 9-12 | 33,96 G | |

**28858 P. — 40106 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h 39m | 58° 35' |
| 81 9-16 | 35s,02 J | 49",3 J |
| 9-19 | 35,12 J | 49,8 J |

**28859 P. — 40088 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 38m | 90° 50' |
| 55 8-15 | | 51",2 G |
| 8-22 | 49s,32 G | |
| 57 9-11 | | 49,2 G |
| 59 11-13 | 49,52 G | |

**28860 P. — 40094 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 38m | 78° 51' |
| 58 8-11 | 53s,64 G | 50",1 G |
| 60 10- 4[1] | 53,57 G | 55,0 G |
| 61 8-14 | 53,66 G | 50,5 G |
| 10-12[2] | 53,53 G | 50,6 G |
| III. | | 78° 48' |
| 71 8-13 | | 38",4 G |

[1] 𝒫 non comprise dans la moyenne : notée *douteuse*.
[2] 𝒫 diminuée de 10" : erreur de moy.

**28861 P. — 40127 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h 38m | 45° 20' |
| 44 8-21 | 37s,62 G | |
| 8-25 | 37,75 G | |
| 8-28 | 37,88 G | |
| II. | 20h 39m | 45° 17' |
| 59 8-16 | 8s,66 G | |
| III. | 20h 39m | 45° 14' |
| 81 9-30 | 39s,42 G | |

**28862 P. — 40097 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 39m | 83° 7' |
| 56 8-31 | 4s,06 G | |
| III. | 20h 39m | 83° 4' |
| 69 10- 5[1] | | 36",0 G |
| 74 9-15[2] | 48s,35 G | 31,3 G |

[1] 𝒫 non comprise dans la moy. : err. probable de 5" sur l'un des deux microsc. lus.
[2] 𝒜 diminuée de 1s : correction indiquée comme probable par l'observateur.

**28863 P. — 40087 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 38m | 101° 13' |
| 54 8-28 | 59s,47 G | 18",5 G |
| III. | 20h 39m | 101° 10' |
| 79 9-22 | 48s,69 J | 4",4 J |

**28864 P. — 40096 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h 39m | 85° 21' |
| 74 9-19 | 49s,00 M | 3",2 M |
| 75 8-10 | 49,02 M | 2,9 M |
| 9- 6 | 48,91 M | 2,6 M |

**28865 P. — 7917 Berlin B.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 39m | 65° 10' |
| 59 9-24[1] | 11s,60 G | |

[1] 𝒜 diminuée de 2s. (*Voir* 28852 P.)

**28866 P. — 1326 W$_2$.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h 39m | 45° 17' |
| 81 9-30 | | 34",4 G |

**28867 P. — 20841 A.O.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 38m | 116° 55' |
| 67 9-10 | 58s,45 M | 28",0 M |
| 9-12 | 58,46 M | 28,8 M |
| III. | 20h 39m | 116° 52' |
| 70 8-19 | 52s,21 M | 14",7 M |
| 8-20 | 52,29 M | 15,9 M |
| 8-24 | 52,40 M | 17,2 M |

**28868 P. — 40092 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 39m | 100° 3' |
| 54 9- 2 | 4s,80 G | |
| 58 9- 9 | 4,74 G | 3",5 G |
| 9-12 | | 1,4 G |

**28869 P. — 40126 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h 40m | 58° 40' |
| 81 8- 6 | 6s,85 J | 44",1 J |
| 8- 8 | 6,78 J | 43,7 J |
| 10- 1 | 6,75 J | 44,1 J |

**28870 P. — 40098 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 39m | 94° 44' |
| 56 8- 2 | | 54",1 G |
| 62 9-12 | 20s,34 G | 53,9 G |
| 9-17 | 20,46 G | 54,3 G |
| 9-18[1] | 20,40 G | 54,4 G |
| 9-19 | 20,37 G | 53,7 G |

[1] 𝒜 diminuée de 1s : correction indiquée comme probable par l'observateur.

**28871 P. — 40104 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 39m | 84° 17' |
| 57 8-13 | 24s,09 G | 21",9 G |
| 9-29 | | 25,1 G |
| 58 9-28 | 23,89 G | |

| Dates 1800+ A. | M. J. | Positions moyennes pour les époques du Catal. A. | P. |
|---|---|---|---|

**28872 P. — 40101 L.**

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | II. | |
| | | 20h 39m | 94° 33' |
| 58 | 10- 5 | | 54",8 G |
| 62 | 9-14 | | 55,3 G |
| | | III. | |
| | | 20h 40m | 94° 30' |
| 79 | 9-18 | 11s,98 J | 43",3 J |
| | 9-20 | 12,24 J | 43,2 J |

**28873 P. — 11708 Cambridge.**

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | II. | |
| | | 20h 39m | 61° 21' |
| 58 | 11-11 | 34s,55 G | 13",4 G |

**28874 P. — 20847 A.O.**

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | II. | |
| | | 20h 39m | 109° 7' |
| 57 | 9-12 | 24s,30 G | |

**28875 P. — 40105 L.**

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | II. | |
| | | 20h 39m | 91° 20' |
| 58 | 9- 8 | 32s,42 G | 40",8 G |
| | | III. | |
| | | 20h 40m | 91° 17' |
| 79 | 8- 1 | 18s,90 J | 26",2 J |

**28876 P. — 40118 L.**

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | III. | |
| | | 20h 40m | 75° 6' |
| 71 | 8-28 | 20s,61 G | 54",3 G |
| | 9-14 | 20,64 G | |
| | 9-15 | 20,44 M | 53,3 M |

**28877 P. — 40119-20 L.**

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | I. | |
| | | 20h 38m | 74° 39' |
| 48 | 8- 2 | 59s,89 G | |

**28878 P. — 25977 Mn1.**

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | I. | |
| | | 20h 38m | 106° 10' |
| 40 | 9-12 | 46s,01 G | |

**28879 P. — 40156 L.**

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | II. | |
| | | 20h 39m | 43° 12' |
| 66 | 8-10[1] | 58s,69 G | |
| | | III. | |
| | | 20h 40m | 43° 9' |
| 80 | 9- 2 | 28s,27 G | 20",4 G |

[1] A augmentée de 1m : erreur de transcr.

**28880 P. — 1012 W1.**

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | III. | |
| | | 20h 40m | 75° 3' |
| 71 | 9-15 | 29s,11 G | 47",9 G |

**28881 P. — 40139 L.**

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | I. | |
| | | 20h 39m | 59° 50' |
| 46 | 7-20 | 15s,82 G | |
| | 11-11 | 15,77 G | |
| 47 | 10- 3 | | 35",0 G |
| | 10-11[1] | 15,93 G | |
| 48 | 10-28 | 15,92 G | |
| 50 | 8-12 | | 34,5 G |
| | | II. | |
| | | 20h 39m | 59° 47' |
| 58 | 8- 8 | 53s,23 G | |
| | 9-19 | 53,09 G | 21",8 G |
| | | III. | |
| | | 20h 40m | 59° 44' |
| 71 | 10-23 | 30s,01 G | |
| 75 | 8- 7 | 30,07 M | 7",8 M |
| | 8 27 | 30,18 M | 9,3 M |
| | 9- 7 | 30,12 M | 7,9 M |
| | 9-14 | 30,14 M | 7,6 M |

[1] A augmentée de 1m.

**28882 P. — 40122 L.**

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | II. | |
| | | 20h 39m | 77° 53' |
| 58 | 8- 9 | | 13",4 G |
| | 9-27 | 51s,42 G | 14,1 G |
| | | III. | |
| | | 20h 40m | 77° 50' |
| 79 | 8-12 | 34s,22 G | |

**28883 P. — 25984 Mn1.**

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | II. | |
| | | 20h 39m | 83° 4' |
| 58 | 9- 5 | 50s,35 G | |

**28884 P. — 40114 L.**

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | II. | |
| | | 20h 39m | 92° 12' |
| 56 | 8-24 | 48s,95 G | 11",3 G |
| 60 | 9- 9 | 48,92 G | |
| 61 | 10-14 | 49,36 G | 13,9 G |
| | 10-16 | | 14,6 G |

**28885 P. — 1005 W1.**

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | I. | |
| | | 20h 39m | 95° 38' |
| 41 | 8-27 | 3s,29 G | |
| | 8-30 | 3,17 G | |
| | 9-10 | 2,99 G | |
| | 9-11 | 3,28 G | |
| | 9-19 | 3,24 G | |
| | 9-20 | 3,13 G | |

**28885 P. (suite.)**

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | II. | |
| | | 20h 39m | 95° 35' |
| 56 | 7-22 | 51s,00 G | |
| | 9- 5 | 50,86 G | |
| 57 | 8- 9 | 50,71 G | |
| 59 | 10-22 | 50,91 G | |
| 61 | 8-31 | | 35",6 G |
| | 10-20 | 51,02 G | |

**28886 P. — 1333 W2.**

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | II. | |
| | | 20h 40m | 59° 51' |
| 58 | 8- 8 | 2s,77 G | |
| | 9-19 | 2,81 G | |

**28887 P. — 40121 L.**

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | II. | |
| | | 20h 39m | 82° 57' |
| 58 | 9- 5 | 57s,11 G | 20",5 G |
| | | III. | |
| | | 20h 40m | 82° 54' |
| 71 | 9-18[1] | 41s,22 M | 7",9 M |
| | 9-20[1] | 41,10 M | 6,8 M |

[1] P augmentée de 5'.

**28888 P. — 40128-29 L.**

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | II. | |
| | | 20h 40m | 80° 50' |
| 58 | 8-12 | 2s,82 G | 8",3 G |
| 59 | 8-24 | 2,99 G | |
| | | III. | |
| | | 20h 40m | 80° 46' |
| 71 | 9- 5 | 46s,54 M | 54",4 M |

**28889 P. — 40133 à 35 L.**

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | I. | |
| | | 20h 39m | 74° 25' |
| 46 | 11- 3 | 27s,14 G | |
| | 11- 4 | 27,09 G | 53",1 G |
| | 11-14 | 27,06 G | |
| 49 | 9-25 | 27,17 G | |
| | 9-28 | 27,17 G | |
| 50 | 11-14 | | 55,2 F |
| 52 | 11-17 | 27,26 G | |
| | | II. | |
| | | 20h 40m | 74° 22' |
| 56 | 9-20 | 8s,96 G | |
| 58 | 8- 3 | 8,95 G | |
| | 10- 8 | | 39",8 G |

**28890 P. — 40136 à 38 L.**

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | I. | |
| | | 20h 39m | 74° 25' |
| 37 | 10-12 | 28s,06 G | |
| 45 | 8- 2 | 28,11 G | |
| | 8- 4 | 28,08 G | |

**28890 P. (suite).**

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | I. | |
| | | 20h 39m | 74° 25' |
| 46 | 7-28 | 27s,84 G | |
| | 7-29 | 27,93 G | |
| | 8-14 | 28,04 G | |
| | 8-17 | 27,98 G | |
| | 8-21 | 27,98 G | 51",0 G |
| | 8-26 | 27,97 G | |
| | 9-13 | 28,04 G | |
| 48 | 8-28 | | 52,1 G |
| 49 | 9-21 | 28,03 G | |
| 52 | 11-17 | 28,06 G | |
| | | II. | |
| | | 20h 40m | 74° 22' |
| 56 | 9-20 | 9s,93 G | |
| 57 | 7-29 | 9,91 G | |
| | 8-14 | 9,69 G | 39",7 G |
| | 10- 9 | | 38,7 G |
| 58 | 8- 3 | 9,89 G | 39,5 G |

**28891 P. — 40346 L.**

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | I. | |
| | | 20h 41m | 11° 7' |
| 46 | 9-26 | | 18",5 G |
| 47 | 10-12 | | 16,8 G |
| 50 | 8-31 | 55s,97 G | 19,6 G |
| | 8-31 | | 18,0 F |
| 53 | 7-23 | 55,62 G | |
| | 9-19 | 56,28 G | |

**28892 P. — 26009 Mn1.**

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | II. | |
| | | 20h 40m | 88° 23' |
| 61 | 8-12 | 7s,49 G | |

**28893 P. — 40117 L.**

| A. | M. J. | A. | P. |
|---|---|---|---|
| | | I. | |
| | | 20h 39m | 100° 3' |
| 38 | 9-27 | 16s,79 G | |
| | 10-10 | 16,90 G | 31",1 F |
| 40 | 9-21 | 16,64 G | |
| 41 | 8-13 | 16,91 G | |
| | 8-14 | 16,90 G | |
| | 8-18 | 16,85 G | |
| | 8-28 | 16,85 G | |
| | 8-29 | 16,86 G | |
| | 10- 1 | 16,87 G | |
| 42 | 11- 9 | 16,70 G | |
| 44 | 6- 4 | 16,71 G | |
| | 7-29 | 16,86 G | |
| | 7-30 | 16,80 G | |
| | 7-31 | 16,86 G | |
| | 10-19 | 16,87 G | |
| 45 | 6-22 | 16,72 G | |
| | 8-16 | 16,72 G | |
| 46 | 6-12 | 16,78 G | |
| | 7- 9 | 16,83 G | |
| | 7-10 | 16,82 G | |
| | 9- 2 | 16,76 G | |
| | 9-30 | 16,78 G | |
| | 10- 1 | 16,86 G | |
| | 10- 3 | 16,91 G | |
| | 10-10 | 16,76 G | |
| | 10-21 | 16,90 G | |
| | 10-22 | 16,87 G | |

Dates 1800+ | Positions moyennes pour les époques du Catal.

### 28893 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 20h 39m | 100° 3′ |
| 47 | 6- 2 | 16s,87 G | |
| | 7-27 | 16,86 G | 33″,0 G |
| | 8-31 | 16,92 G | |
| 48 | 7-16 | 16,60 G | |
| | 7-17 | 16,62 G | |
| | 8-13 | | 33,2 G |
| | 10- 7 | 16,70 G | 34,2 G |
| 49 | 7- 6 | 16,84 G | |
| | 7- 7 | 16,91 G | |
| | 8-31 | 16,82 G | 33,0 G |
| | 9- 6 | 16,89 G | |
| 51 | 11- 5 | 17,13 G | |
| 52 | 10-23 | 16,99 G | |
| | | II. | |
| | | 20h 40m | 100° 0′ |
| 54 | 9-18 | 5s,59 G | |
| 59 | 9-10 | | 19″,3 G |
| 64 | 8-16 | 5,60 M | 20,6 M |
| | | III. | |
| | | 20h 40m | 99° 57′ |
| 74 | 9- 1[1] | 54s,50 G | 6″,8 G |

[1] 𝒫 diminuée de 5′.

### 28894 P. — 40301 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 20h 41m | 14° 40′ |
| 43 | 9-10[1] | | 23″,7 F |

[1] 𝒫 augmentée de 5′.

### 28895 P. — 40109 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 20h 39m | 113° 24′ |
| 39 | 9-18[1] | 13s,33 G | |
| 40 | 8-29 | 13,66 G | |
| | 8-30 | 13,65 G | |
| | | II. | |
| | | 20h 40m | 113° 21′ |
| 57 | 8-12 | | 27″,6 G |
| 58 | 8-27 | | 29,4 F |
| | | III. | |
| | | 20h 40m | 113° 18′ |
| 79 | 9- 3 | 59s,05 J | 13″,3 J |

[1] Désignée à tort au t. III comme 294 Piazzi.

### 28896 P. — 40111 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 20h 39m | 113° 18′ |
| 39 | 9- 9 | 18s,41 G | |
| | 9-18 | 18,01 G | |
| 41 | 9- 8 | 18,55 G | |
| | | II. | |
| | | 20h 40m | 113° 14′ |
| 55 | 9-27 | 11s,23 G | |
| 58 | 8-15 | | 46″,9 G |
| 61 | 9-27 | 11,10 G | 48,5 G |
| 62 | 8-13 | 11,23 G | 49,1 G |

### 28897 P. — 40115 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20h 40m | 109° 46′ |
| 54 | 8-29[1] | 12s,86 G | 17″,8 G |
| | 8-30 | 12,81 G | 17,0 G |
| | | III. | |
| | | 20h 41m | 109° 43′ |
| 78 | 9- 6 | 4s,45 M | |

[1] 𝒜 augmentée de 1m : erreur de transcr.

### 28898 P. — 1021 W1.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20h 40m | 90° 56′ |
| 59 | 11-13 | 18s,21 G | |

### 28899 P. — 40171 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20h 40m | 44° 9′ |
| 66 | 8-22 | 37s,85 G | |
| | | III. | |
| | | 20h 41m | 44° 5′ |
| 80 | 9- 6 | 8s,23 G | 57″,2 G |
| | 9-24 | | 57,6 G |

### 28900 P. — 40130 L.

3 Verseau.

Étoile fondamentale.

### 28901 P.

53 ε Cygne.

Étoile fondamentale.

### 28902 P. — 40157 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 20h 41m | 65° 59′ |
| 74 | 9-14 | 16s,66 G | 39″,5 G |
| 75 | 8-16 | 16,77 G | 39,4 G |

### 28903 P. — 40141 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20h 40m | 85° 12′ |
| 55 | 10-16 | 32s,21 G | |
| 56 | 8-26 | 32,20 G | |
| 61 | 9- 5 | 32,16 G | 43″,7 G |
| | 9-26[1] | 32,35 G | 40,4 G |

[1] 𝒜 augmentée de 0s,60 : erreur de moy.

### 28904 P. — 7268 Albany.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20h 40m | 88° 17′ |
| 61 | 8-12 | 32s,32 G | |

### 28905 P. — 40142 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20h 40m | 83° 41′ |
| 57 | 7-27 | 33s,55 G | |
| | 8-22 | 33,60 G | 50″,8 G |
| | 9-19 | 33,59 G | |
| 61 | 8-29 | 33,72 G | 52,5 G |
| | 10-19 | 33,70 G | 52,5 G |

### 28906 P. — 40167 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 20h 41m | 51° 37′ |
| 74 | 8-20 | 18s,59 M | 55″,0 M |
| | 8-22 | 18,57 M | 55,1 M |

### 28907 P. — 11729 Cambridge.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20h 40m | 64° 8′ |
| 58 | 8-10[1] | 40s,69 G | |
| 59 | 7-28[2] | 40,51 G | 53″,7 G |
| | 8-22[1] | 40,44 G | |
| | | III. | |
| | | 20h 41m | 64° 5′ |
| 71 | 8-29 | 19s,39 M | 40″,4 M |

[1] Indiquée à tort comme 40157 L. (dist. des fils). Observée sur le même calage que 40207 L.

[2] 𝒫 diminuée de 1′ : erreur de réduct.

### 28908 P. — 40124-25 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20h 40m | 108° 42′ |
| 54 | 9-19[1] | 28s,49 G | |
| 61 | 9- 2 | 28,54 G | 50″,4 G |
| 62 | 9-15 | 28,58 G | 51,4 G |
| | | III. | |
| | | 20h 41m | 108° 39′ |
| 78 | 7-15 | 19s,58 M | 36″,5 M |
| | 9- 7 | 19,53 M | 36,2 M |
| 81 | 9-17 | 19,76 M | 36,1 M |

[1] 𝒜 augmentée de 0s,60 : erreur de moy. L'observateur avait diminué à tort de 1s les 3 premiers fils.

### 28909 P. — 40132 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20h 40m | 100° 15′ |
| 54 | 9-26 | 32s,84 G | |
| 56 | 8- 1 | | 40″,3 G |
| | | III. | |
| | | 20h 41m | 100° 12′ |
| 78 | 10- 2 | 21s,74 M | 26″,4 M |

### 28910 P. — 40131 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 20h 39m | 103° 1′ |
| 40 | 8-17 | | 22″,3 F |

### 28910 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20h 40m | 102° 58′ |
| 54 | 9-20 | 33s,10 G | |
| 61 | 9- 3 | 33,24 G | 6″,4 G |
| | | III. | |
| | | 20h 41m | 102° 54′ |
| 80 | 8-30 | 22s,70 M | 47″,7 M |

### 28911 P. — 4976 R1.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 20h 44m | 6° 55′ |
| 43 | 9- 8 | 3s,74 G | |
| | 9-10 | 4,23 G | 7″,8 F |
| 53 | 9-24 | 4,56 G | |
| | 10-14 | 4,27 G | |
| | 10-21 | 4,02 G | |
| | 10-24 | 4,00 G | |
| | 10-26 | 4,04 G | |

### 28912 P. — 40146 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 20h 40m | 83° 35′ |
| 40 | 9-29 | 0s,72 G | |
| | 9-30 | 0,80 G | |
| | | II. | |
| | | 20h 40m | 83° 32′ |
| 57 | 7-12 | 45s,17 G | |
| | 9-19 | | 7″,5 G |
| | 10- 2 | 45,01 G | 6,8 G |

### 28913 P. — 40140 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20h 40m | 97° 18′ |
| 57 | 10-20 | 41s,53 G | 49″,6 G |
| 58 | 7-30 | 41,82 G | 48,5 G |
| | | III. | |
| | | 20h 41m | 97° 15′ |
| 69 | 8-27 | 29s,88 M | 34″,3 M |

### 28914 P. — 40144 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20h 40m | 93° 33′ |
| 55 | 9-26 | 48s,65 G | 3″,9 G |
| | | III. | |
| | | 20h 41m | 93° 29′ |
| 78 | 9-19 | 35s,40 G | 47″,0 G |
| | 9-21 | 35,41 G | |

### 28915 P. — 40150-51 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 20h 40m | 84° 33′ |
| 40 | 10- 6 | 7s,48 G | |
| 46 | 10-18 | 7,50 G | |
| 48 | 9-15 | 7,59 G | |
| | 9-17 | 7,63 G | |
| 52 | 8- 1 | 7,66 G | |
| | 11- 6 | 7,73 G | |
| | 11-18 | 7,58 G | |

Dates 1800 + — Positions moyennes pour les époques du Catal.

### 28915 P. (suite).

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h40m | 84°30' |
| 55 10- 8 | 52s,25 G | |
| 57 9- 9 | 52,28 M | 12",6 G |
| III. | 20h41m | 84°26' |
| 73 8-23 | 36s,69 M | 57",7 M |
| 75 8-17 | 36,82 M | 57,9 M |
| 8-20 | 36,78 M | 58,8 M |
| 9- 2 | 36,79 M | 59,0 M |
| 9-17 | 36,61 M | 58,2 M |

### 28916 P. — 4 Céphée.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h41m | 23°54' |
| 46 11-11 | | 18",9 G |
| 48 8-18 | | 19,0 G |
| 49 9-18[1] | 13s,86 G | |
| 9-25 | | 18,4 G |
| 50 7-24 | | 18,9 G |

[1] 𝒜 augmentée de 1m.

### 28917 P. — 40166 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h40m | 65°5' |
| 58 9-14 | 59s,79 G | 47",5 G |
| 59 7-25 | | 44,5 G |
| III. | 20h41m | 65°2' |
| 71 9-17 | 38s,71 G | 30",5 G |

### 28918 P. — 40162 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h40m | 77°31' |
| 57 8-26 | 59s,20 G | |
| 10- 3 | 59,31 G | 38",7 G |
| 58 8-31 | 59,22 G | 38,0 G |
| 9-12 | | 37,8 G |

### 28919 P. — 40143 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h40m | 100°10' |
| 54 9-27 | 53s,21 G | |
| 55 7-23 | | 41",9 G |
| III. | 20h41m | 100°7' |
| 79 8-12 | 41s,98 M | 30",8 M |

### 28920 P. — 40172 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h41m | 58°5' |
| 66 9-10 | 5s,58 G | |
| 67 8- 5 | 5,74 G | 27",1 G |

### 28920 P. (suite).

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h41m | 58°2' |
| 79 9- 8[1] | 42s,26 J | 12",8 J |

[1] 𝒜 diminuée de 2s,61 : erreur de moy.

### 28921 P. — 40160 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h41m | 80°2' |
| 55 11- 2 | 0s,37 G | |
| 59 8-23 | 0,45 G | 45",7 G |
| III. | 20h41m | 79°59' |
| 79 8-11 | 43s,77 G | 31",5 G |

### 28922 P. — 40147 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h40m | 97°18' |
| 56 8- 2 | 59s,16 G | |
| 57 8- 2 | 59,20 G | 43",0 G |
| 58 7-30 | 59,14 G | |
| III. | 20h41m | 97°15' |
| 79 8-30 | 47s,14 J | 28",9 J |

### 28923 P. — 40153 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h41m | 90°48' |
| 55 8-20 | | 46",3 G |
| 9-16 | 2s,68 G | |
| III. | 20h41m | 90°45' |
| 79 8-16 | 49s,01 M | 32",1 M |

### 28924 P. — 40163 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h41m | 74°16' |
| 57 10-13 | | 21",3 G |
| 58 10-12 | 7s,15 G | |
| III. | 20h41m | 74°13' |
| 71 8-19 | 49s,09 G | |
| 8-27 | 49,08 G | 7",5 G |
| 9- 5 | 49,04 G | |
| 9- 9 | 49,12 G | |
| 9-12 | 49,18 G | |

### 28925 P. — 40154 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h41m | 90°40' |
| 57 7-24 | 3s,07 G | |
| 58 8-20 | 3,20 G | 42",7 G |
| 9- 9 | | 41,1 G |
| 59 8- 7 | 3,46 G | |

### 28926 P. — 40200 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h41m | 39°46' |
| 81 10- 5 | 51s,35 G | 58",1 G |

### 28927 P. — 26083 Mn₁.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h41m | 79°58' |
| 59 8-23 | 8s,72 G | |

### 28928 P. — 15021 T — 22°.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h41m | 112°50' |
| 67 7-24 | 7s,54 M | 6",5 M |

### 28929 P. — 20874 A. O.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h40m | 111°11' |
| 41 9-21 | 16s,82 G | |

### 28930 P. — 40181 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h41m | 58°20' |
| 67 8-23 | 25s,80 G | 27",1 G |
| III. | 20h42m | 58°17' |
| 69 10- 9[1] | 2s,53 M | 12",5 M |

[1] 𝒜 augm. de 0s,30 : erreur de moyenne.

### 28931 P. — 8550 Rümker.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h41m | 77°52' |
| 58 9-27 | 20s,79 G | 28",8 G |

### 28932 P. — 4027 A + 33°.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h40m | 56°32' |
| 40 8-20 | | 14",1 F |

### 28933 P. — 40175 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h41m | 67°49' |
| 58 10- 4 | 27s,62 G | 0",4 G |
| III. | 20h42m | 67°45' |
| 71 9-18 | 7s,55 G | |
| 10-12 | 7,53 G | |
| 75 8-25 | 7,53 G | |

### 28934 P. — 40164 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h41m | 86°51' |
| 56 9- 4 | 22s,38 G | |
| 57 8-28 | | 52",1 G |
| III. | 20h42m | 86°48' |
| 79 9-11 | 8s,02 J | 38",4 J |

### 28935 P. — α Microscope.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h40m | 124°20' |
| 37 9-27 | | 56",1 F |

### 28936 P. — 40159 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h40m | 103°10' |
| 40 9-12 | 31s,89 G | |
| 10- 6 | | 43",4 F |
| II. | 20h41m | 103°7' |
| 54 9-25 | 21s,48 G | |
| 55 9- 9 | | 29",6 G |
| III. | 20h42m | 103°4' |
| 78 9- 3 | 11s,29 M | 15",5 M |

### 28937 P. — 40170 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h41m | 82°55' |
| 57 8- 6 | 28s,82 G | |
| 10-12 | 28,60 G | 8",9 G |
| 58 9- 5 | 28,74 G | 9,0 G |
| 63 8- 6 | 28,96 M | 7,6 M |

### 28938 P. — 40152 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h41m | 108°44' |
| 59 7-17 | | 2",0 G |
| 61 10- 3 | 22s,26 G | 3,3 G |
| 10- 5 | | 3,3 G |
| III. | 20h42m | 108°40' |
| 81 9-19 | 13s,61 M | 43",8 M |

### 28939 P. — 40155 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h40m | 108°36' |
| 39 8-23 | 32s,55 G | 10",1 F |
| 40 8-28 | 32,57 G | |
| 8-31 | 32,75 G | 12,2 F |
| 10-30 | 32,63 G | |
| 11- 1 | 32,43 G | |
| 41 9-13 | 32,53 G | |

Dates 1800+ — Positions moyennes pour les époques du Catal.

**28939 P. (suite).**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 20h41m | 108°32' |
| 57 | 7-22 | 23s,68 G | |
| 58 | 9- 9 | 23,87 G | 60",3 G |
| 60 | 8- 9 | 23,86 G | 60,1 G |
| | 8-12 | 23,61 G | |
| | 9- 6 | 23,67 G | 58,1 G |
| | 9- 6 | | 59,2 F |
| | 9-12 | 23,80 G | 58,3 G |
| | 9-29 | 23,86 G | 60,0 G |
| | | III. | |
| | | 20h42m | 108°29' |
| 78 | 8-16 | 14s,91 G | 44",1 G |

**28940 P. — 40169 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 20h41m | 92°44' |
| 56 | 8- 3 | 36s,45 G | 59",1 G |
| 64 | 8-24 | 36,49 M | 59,8 M |
| | 8-29 | 36,58 M | 59,8 M |

**28941 P. — 40186 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 20h41m | 64°20' |
| 58 | 7-14 | 45s,85 G | |
| | 8-30 | 45,76 G | |
| 59 | 7-26 | | 6",5 G |
| | 9- 1 | 45,71 G | 6,8 G |
| | 9 18[1] | 45,73 G | 7,5 G |

[1] 𝒜 diminuée de 10s : erreur de moy.

**28942 P. — 40180 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 20h41m | 75°2' |
| 57 | 7- 5 | 43s,03 G | |
| 58 | 7-21 | | 37",6 G |
| | 8-24 | 43,07 G | 37,0 G |
| | 9- 8 | | 39,5 F |
| | | III. | |
| | | 20h42m | 74°59' |
| 71 | 9- 3 | 25s,09 G | 22",3 G |
| | 9-11 | 25,25 G | |

**28943 P.**

L'étoile primitivement inscrite sous ce numéro avait été observée pour 40226 L. En réalité, c'était 40221 L. (dist. des fils).

**28944 P. — 40221 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 20h41m | 43°58' |
| 66 | 8-18 | 56s,32 G | |
| | 8-23 | 56,05 G | |
| | | III. | |
| | | 20h42m | 43°55' |
| 80 | 9- 3 | 26s,28 G | 31",9 G |
| 81 | 8-24 | 26,25 G | 31,8 G |

**28945 P. — 26120 Mn.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 20h42m | 84°4' |
| 74 | 8-20 | 26s,64 G | |

**28946 P. — 40179 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 20h41m | 81°2' |
| 58 | 8- 1[1] | | 51",4 G |
| 59 | 7-21 | 48s,07 G | 50,7 G |
| 63 | 8- 7[2] | 47,96 M | 50,4 M |
| | | III. | |
| | | 20h42m | 80°59' |
| 75 | 8-23 | 31s,72 G | 36",3 G |

[1] 𝒟 diminuée de 2'.
[2] 𝒜 aug. de 0s,17 : err. de moy., et 𝒟 augmentée de 1'.

**28947 P. — 40206 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 20h41m | 54°4' |
| 43 | 10-17 | 22s,43 G | |
| 46 | 9-18 | 22,39 G | |
| | 9-22 | | 34",6 G |
| | | II. | |
| | | 20h41m | 54°1' |
| 66 | 9- 5 | 57s,56 G | |
| 67 | 8-27 | 57,37 G | 19",3 G |
| | | III. | |
| | | 20h42m | 53°58' |
| 79 | 9- 2 | 32s,35 G | 2",8 G |
| | 9- 3 | 32,34 G | 3,9 G |

**28948 P. — 40192 à 94 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 20h42m | 62°51' |
| 80 | 9- 9 | 33s,28 J | 48",2 J |
| | 9-13 | 33,05 J | 48,2 J |

**28949 P. — 40208 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 20h42m | 54°13' |
| 67 | 9-11 | | 56",5 G |

**28950 P. — 40168 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 20h41m | 101°58' |
| 55 | 7-21 | 45s,61 G | 15",0 G |
| | | III. | |
| | | 20h42m | 101°54' |
| 80 | 9- 2 | 34s,94 M | |
| 81 | 8-22 | 34,89 M | 58",6 M |

**28951 P. — 40201 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 20h42m | 58°32' |
| 80 | 10- 1 | 37s,09 J | 45",9 J |
| 81 | 8-24 | 37,16 J | 45,7 J |

**28952 P. — 40222-23 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 20h42m | 48°2' |
| 80 | 9- 5 | 39s,32 G | 56",5 G |
| | 9-26 | 39,40 G | 56,0 G |
| 81 | 9-19 | 39,45 G | 54,9 G |

**28953 P. — 40205 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 20h42m | 58°47' |
| 81 | 8-27 | 40s,70 J | 14",1 J |
| | 9-13 | 40,71 J | 14,6 J |

**28954 P. — 3 η Céphée.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 20h42m | 28°45' |
| 37 | 7-29 | | 45",5 F |
| | 9-20 | 7s,60 G | 52,8 F |
| 38 | 9-27 | 7,70 G | 49,2 F |
| 41 | 8- 7[1] | 7,46 G | |
| | 8-14 | | 48,6 F |
| | 8-18 | | 48.5 F |
| 42 | 10-14 | 7,44 G | |
| | 10-15 | 7,64 G | |
| | 10-16 | 7,66 G | |
| | 10-17 | 7,62 G | |
| 45 | 2- 9 I | 7,68 G | |
| | 2-11 I | 7,88 G | |
| 46 | 4-10 I | | 41,2 G |
| | 12- 1 | | 40,9 G |
| 53 | 10-12 | 7,60 G | |

[1] 𝒜 diminuée de 1m.

**28955 P. — 8403 Berlin A.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 20h42m | 73°36' |
| 57 | 7-29 | 4s,22 G | |

**28956 P. — 40203-04 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 20h42m | 63°0' |
| 80 | 9- 8 | 46s,63 J | 8",9 J |
| | 9-30 | 46,44 J | 9,6 J |

**28957 P. — 40174 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 20h41m | 100°1' |
| 48 | 7-17 | 9s,18 G | |

**28957 P. (suite).**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 20h41m | 99°58' |
| 54 | 8-27 | 57s,92 G | 10",4 G |
| | | III. | |
| | | 20h42m | 99°54' |
| 80 | 9- 3 | 46s,63 M | 55",0 M |

**28958 P. — 40198 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 20h42m | 69°16' |
| 58 | 9-10 | 6s,91 G | 53",8 G |
| | | III. | |
| | | 20h42m | 69°13' |
| 79 | 8-26[1] | 47s,40 G | 37",4 G |

[1] 𝒜 diminuée de 1s : correction indiquée comme probable par l'observateur.

**28959 P. — 8299 Sj.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 20h41m | 99°13' |
| 49 | 9- 6 | 12s,32 G | |
| | 9- 7 | 12,43 G | |

**28960 P. — 40182 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 20h41m | 91°7' |
| 41 | 8-18 | 18s,93 G | |
| | | II. | |
| | | 20h42m | 91°4' |
| 55 | 8-22[1] | 5s,07 G | |
| 56 | 7-26 | 5,35 G | 41",1 G |
| | 7-28 | | 40,8 G |
| | | III. | |
| | | 20h42m | 91°1' |
| 69 | 8-25 | 51s,39 M | |

[1] 𝒜 augmentée de 0s,10 : erreur de 2s sur un fil.

**28961 P. — 40207 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 20h42m | 64°7' |
| 58 | 8- 6[1] | 13s,45 G | 10",3 G |
| | 8-10 | 13,52 G | 9,5 G |
| 59 | 7-28 | 13,17 G | 11,0 G |
| | 8-22 | 13,37 G | |

[1] 𝒟 augmentée de 5'.

**28962 P. — 40185 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 20h41m | 84°29' |
| 40 | 10-10 | 23s,98 G | |
| | 10-12 | 24,04 G | |
| | 10-13 | 24,32 G | |

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. Æ. | 𝒫. |
|---|---|---|

**28962 P. (suite).**

| | Æ | 𝒫 |
|---|---|---|
| II. | 20h 42m | 84°25' |
| 55 9-28 | 8s,57 G | 52",7 G |
| 58 9-13 | 8,60 G | 51,6 G |
| III. | 20h 42m | 84°22' |
| 71 9-18 | 53s,27 M | 37",3 M |

**28963 P. — 4427 A + 14°.**

| | Æ | 𝒫 |
|---|---|---|
| III. | 20h 42m | 75°26' |
| 71 9-14 | 57s,14 G | |
| 79 9-18 | 57,04 J | 54",8 J |

**28964 P. — 40212 L.**

| | Æ | 𝒫 |
|---|---|---|
| II. | 20h 42m | 67°30' |
| 58 9-17 | 20s,96 G | |
| 11-4 | 21,01 G | |
| 62 9-17 | 20,97 G | 12",6 G |
| III. | 20h 43m | 67°26' |
| 81 9-15 | 0s,30 M | 55",6 M |

**28965 P. — 40177 L.**

| | Æ | 𝒫 |
|---|---|---|
| II. | 20h 42m | 104°9' |
| 54 8-26 | 11s,03 G | |
| 58 10-6 | | 31",1 G |
| III. | 20h 43m | 104°6' |
| 78 9-21 | 1s,07 M | 17",5 M |

**28966 P. — 40187 L.**

| | Æ | 𝒫 |
|---|---|---|
| II. | 20h 42m | 86°29' |
| 57 8-13 | 17s,55 G | |

**28967 P. — 40251-52 L.**

| | Æ | 𝒫 |
|---|---|---|
| II. | 20h 42m | 44°55' |
| 66 8-10 | 32s,62 G | |
| III. | 20h 43m | 44°52' |
| 80 8-27 | 3s,65 G | 43",1 G |

**28968 P. — 40183 L.**

| | Æ | 𝒫 |
|---|---|---|
| II. | 20h 42m | 94°24' |
| 55 10-15 | 16s,56 G | 20",2 G |
| 57 9-11 | | 21,0 G |
| 10-16 | 16,57 G | |

**28969 P. — 26164 Mn1.**

| | Æ | 𝒫 |
|---|---|---|
| II. | 20h 42m | 75°50' |
| 61 9-3 | | 46",9 G |

**28970 P. — 40173 L.**

| | Æ | 𝒫 |
|---|---|---|
| I. | 20h 41m | 115°33' |
| 39 8-28 | 21s,68 G | |
| II. | 20h 42m | 115°29' |
| 55 8-11 | 14s,67 G | |
| 9-25 | | 46",9 G |
| 59 10-17 | | 46,3 G |
| III. | 20h 43m | 115°26' |
| 79 9-22 | 7s,85 J | 32",7 J |
| 10-6 | 7,80 J | 33,4 J |

**28971 P. — 40247-48 L.**

| | Æ | 𝒫 |
|---|---|---|
| III. | 20h 43m | 48°23' |
| 81 9-17 | 9s,00 G | 27",8 G |
| 9-30 | 8,74 G | 28,0 G |

**28972 P. — 40184 L.**

| | Æ | 𝒫 |
|---|---|---|
| II. | 20h 42m | 97°12' |
| 55 8-26 | 21s,35 G | 51",3 G |
| 57 10-20 | 21,40 G | 51,8 G |
| III. | 20h 43m | 97°9' |
| 74 9-1 | 9s,25 G | 36",2 G |

**28973 P. — 40523 L.**

| | Æ | 𝒫 |
|---|---|---|
| I. | 20h 45m | 8°32' |
| 53 3-15 I | 0s,37 G | |
| 3-19 I | 0,73 G | |
| 9-12 | 0,26 G | |
| 10-14 | 0,67 G | |
| 10-21 | 0,85 G | |
| 10-24 | 0,65 G | |

**28974 P. — 40189 L.**

| | Æ | 𝒫 |
|---|---|---|
| II. | 20h 42m | 94°23' |
| 57 10-16 | 25s,79 G | 19",9 G |
| III. | 20h 43m | 94°20' |
| 69 8-28 | 12s,64 M | 3",8 M |

**28975 P. — 40213 L.**

| | Æ | 𝒫 |
|---|---|---|
| II. | 20h 42m | 74°13' |
| 56 6-26 | | 17",8 G |
| 9-8 | 33s,61 G | |
| III. | 20h 43m | 74°10' |
| 71 8-7 | 15s,96 G | 3",3 G |
| 8-12 | 15,93 G | 3,1 G |
| 8-13 | 15,99 G | 3,1 G |

**28976 P. — 40249 L.**

| | Æ | 𝒫 |
|---|---|---|
| III. | 20h 43m | 51°10' |
| 81 9-16 | 17s,16 J | 20",5 J |
| 9-19 | 16,95 J | 20,7 J |

**28977 P. — 40228 L.**

| | Æ | 𝒫 |
|---|---|---|
| II. | 20h 42m | 65°42' |
| 58 11-11 | 38s,14 G | 19",7 G |
| III. | 20h 43m | 65°39' |
| 71 10-23 | 17s,22 G | |
| 75 8-10 | 17,37 M | 6",0 M |
| 9-1 | 17,45 M | 6,8 M |
| 9-6 | 17,44 M | 4,6 M |
| 9-7 | 17,46 M | 5,1 M |
| 9-14 | 17,36 M | 4,1 M |

**28978 P. — 40225 L.**

| | Æ | 𝒫 |
|---|---|---|
| II. | 20h 42m | 67°31' |
| 58 9-17 | 39s,38 G | 16",5 G |
| 11-4 | 39,64 G | |
| 62 9-17 | | 18,0 G |

**28979 P. — 5806 Sf. — 15°.**

| | Æ | 𝒫 |
|---|---|---|
| II. | 20h 42m | 105°43' |
| 66 9-17 | 29s,86 M | 1",4 M |
| 10-16 | 30,04 M | 1,5 M |

**28980 P.[1]**

| | Æ | 𝒫 |
|---|---|---|
| II. | 20h 42m | 74°44' |
| 57 9-6 | 38s,77 G | 16",4 G |

[1] Pourrait être 4261 A + 15°, en admettant une erreur de 1m.

**28981 P. — 40217 L.**

| | Æ | 𝒫 |
|---|---|---|
| II. | 20h 42m | 75°54' |
| 58 8-11 | 40s,15 G | 37",4 G |
| 8-31 | 40,21 G | |

**28981 P. (suite).**

| | Æ | 𝒫 |
|---|---|---|
| II. | 20h 42m | 75°54' |
| 61 9-3 | | 39,5 G |
| 9-26 | 40,08 G | 39,9 G |
| 9-27 | 40,15 G | 37,6 G |
| 10-4 | | 38,6 G |
| 10-14 | 40,14 G | 37,5 G |
| 62 9-19 | 40,23 G | 38,2 G |
| 9-20 | 40,22 G | 38,0 G |

**28982 P. — 40239 L.**

| | Æ | 𝒫 |
|---|---|---|
| II. | 20h 42m | 61°42' |
| 58 9-23 | 45s,11 G | 49",7 G |
| 59 7-31 | 44,95 G | |

**28983 P. — 40195 L.**

| | Æ | 𝒫 |
|---|---|---|
| I. | 20h 41m | 98°3' |
| 49 8-15 | 46s,58 G | |
| II. | 20h 42m | 98°0' |
| 58 9-4 | | 15",7 G |
| 9-8 | 34s,63 G | 16,3 G |
| III. | 20h 43m | 97°56' |
| 80 9-13 | 23s,10 M | 59",9 M |

**28984 P. — 40202 L.**

| | Æ | 𝒫 |
|---|---|---|
| II. | 20h 42m | 90°50' |
| 57 7-24 | 38s,23 G | |
| 58 9-11 | | 28",4 F |
| 10-30 | | 29,9 G |
| 61 9-2 | 38,42 G | |
| 10-12 | 38,10 G | 30,5 G |
| 10-16 | 38,32 G | 30,4 G |
| 10-18 | 38,27 G | 30,7 G |

**28985 P. — 40211 L.**

| | Æ | 𝒫 |
|---|---|---|
| II. | 20h 42m | 86°9' |
| 63 8-4 | 40s,05 M | 32",6 M |
| III. | 20h 43m | 86°6' |
| 71 9-5 | 25s,10 M | 15",8 M |

**28986 P. — 590 A + 83°.**

| | Æ | 𝒫 |
|---|---|---|
| I. | 20h 46m | 6°55' |
| 43 9-8 | 4s,73 G | |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜. — 𝒫.)

**28987 P. — 40216 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h42m | 81°49′ |
| 55 10-21 | 43s,23 G | |
| 56 10-18 | | 13″,0 G |
| 58 9-28 | 43,10 G | |
| III. | 20h43m | 81°45′ |
| 71 9-20 | 27s,03 M | 56″,5 M |

**28988 P. — 40242 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h43m | 59°39′ |
| 80 9-15 | 27s,69 J | 59″,2 J |
| 9-24 | 27,58 J | 58,7 J |

**28989 P. — 40197 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h42m | 106°1′ |
| 54 8-28 | 45s,32 G | 44″,8 G |
| 66 8-29 | 45,70 M | 43,0 M |
| 9-15 | 45,77 M | 43,1 M |
| III. | 20h43m | 105°58′ |
| 78 9-20 | 35s,99 M | 28″,2 M |

**28990 P. — 40218 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h43m | 88°1′ |
| 73 8-23 | 39s,15 G | 45″,0 G |
| 75 8-16 | 39,23 G | 43,7 G |

**28991 P. — 40230 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h42m | 78°1′ |
| 46 7-28 | 14s,37 G | |
| 7-29 | 14,35 G | |
| 8-14 | 14,47 G | |
| 8-21 | 14,54 G | |
| 8-22 | 14,65 G | |
| 11-11 | 14,33 G | |
| 11-14 | 14,58 G | 51″,1 G |
| 48 9-29 | 14,48 G | |
| 49 8-11 | | 50,7 G |
| II. | 20h42m | 77°58′ |
| 57 10-9 | | 32″,3 G |
| 58 9-27 | 57s,43 G | 35,0 G |
| III. | 20h43m | 77°55′ |
| 71 8-22 | 40s,23 G | |
| 8-23 | 40,32 M | 14″,2 M |
| 73 9-20 | 40,39 M | |

**28992 P. — 40227 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h42m | 82°42′ |
| 46 7-20 | 12s,42 G | |
| 10-1 | 12,23 G | |
| 10-3 | 12,26 G | |
| 10-7 | 12,25 G | |
| 10-9 | 12,20 G | |
| 11-3 | 12,26 G | 29″,5 G |
| 11-4 | 12,25 G | |
| 48 8-8 | | 28,1 G |
| 9-20 | 12,39 G | |
| 10-28 | 12,42 G | |
| 51 8-14 | 12,10 G | |
| 53 8-7 | 12,03 G | |
| 8-8[1] | | 29,8 F |
| II. | 20h42m | 82°39′ |
| 57 9-29 | 56s,55 G | |
| 10-2 | 56,35 G | 14″,5 G |
| 58 7-13 | | 13,4 G |
| III. | 20h43m | 82°35′ |
| 80 8-11 | 40s,44 M | 58″,6 M |

[1] 𝒫 diminuée de 30″ : erreur de moy.

**28993 P. — 40191 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h42m | 111°49′ |
| 55 7-30 | 48s,49 G | |
| 58 8-4 | | 40″,6 G |
| 8-5 | | 40,9 G |
| 8-15 | | 41,2 G |
| 8-27 | | 40,8 F |
| III. | 20h43m | 111°46′ |
| 81 10-1 | 40s,80 M | 27″,1 M |

**28994 P. — 20891 A. O.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h43m | 108°41′ |
| 68 9-2 | 43s,17 M | 48″,4 M |
| 9-3 | 43,18 M | 46,2 M |
| 9-4 | 43,19 M | 47,0 M |

**28995 P. — 40214 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h42m | 95°38′ |
| 55 9-6 | 56s,94 G | 3″,8 G |
| 57 7-31 | | 6,6 G |
| 58 9-26 | 56,89 G | 4,8 G |

**28996 P. — 40229 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h43m | 84°58′ |
| 58 8-12 | 1s,47 G | 24″,4 G |
| 9-15 | 1,31 G | |
| 60 8-16 | 1,58 G | 23,6 F |
| 9-15 | 1,45 G | 25,1 G |

**28996 P. (suite).**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h43m | 84°58′ |
| 60 9-16 | | 24″,1 G |
| 10-4 | 1s,43 G | 25,2 G |
| 10-6 | 1,35 G | 25,2 G |
| 62 10-1 | 1,37 G | 24,5 G |
| 10-8 | 1,17 G | 24,9 G |

**28997 P. — 40234 et 36 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h43m | 79°1′ |
| 58 10-3 | 3s,53 G | 20″,3 G |

**28998 P. — 40209-10 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h42m | 103°6′ |
| 39 8-24 | 8s,86 G | |
| 9-9[1] | 8,84 G | |
| 40 9-12 | 8,73 G | |
| 10-6 | | 51″,9 F |
| 41 9-21 | 8,80 G | |
| 44 10-19 | 8,76 G | |
| II. | 20h42m | 103°3′ |
| 54 9-11 | 58s,24 G | |
| 59 7-17 | | 38″,7 G |
| 9-10 | | 39,4 G |
| III. | 20h43m | 103°0′ |
| 81 8-7 | 48s,36 G | 22″,3 G |
| 8-8 | 48,40 M | 22,7 M |
| 8-8 | 48,34 J | 24,8 J |
| 10-3 | 48,37 M | 23,6 M |

[1] 𝒜 augmentée de 1m.

**28999 P. — 7290 Albany.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h43m | 84°59′ |
| 58 8-12 | 6s,07 G | |
| 60 10-6 | 6,09 G | |

**29000 P. — 40264-65 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h43m | 48°44′ |
| 80 9-6 | 50s,94 G | 39″,6 G |

**29001 P. — 40224 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h43m | 92°4′ |
| 56 8-24 | 4s,77 G | 46″,7 G |
| III. | 20h43m | 92°1′ |
| 79 8-12 | 51s,58 M | 30″,8 M |

**29002 P. — 40237 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h43m | 82°40′ |
| 57 10-2 | 9s,39 G | |
| 59 8-24 | 9,52 G | |
| III. | 20h43m | 82°37′ |
| 79 8-12 | 53s,93 G | 3″,2 G |

**29003 P. — 40245 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h43m | 74°38′ |
| 58 10-1 | 12s,51 G | 35″,7 G |
| III. | 20h43m | 74°35′ |
| 71 8-16 | 54s,66 G | |

**29004 P. — 40220 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h43m | 99°59′ |
| 54 9-18 | 7s,11 G | 53″,9 G |
| III. | 20h43m | 99°56′ |
| 81 9-29 | 55s,92 M | 39″,4 M |
| 9-30 | 56,05 M | 39,8 M |

**29005 P. — 1103 W1.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h43m | 82°56′ |
| 57 10-12 | 13s,32 G | 27″,5 G |

**29006 P. — 40272 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h43m | 48°12′ |
| 80 9-29 | 59s,91 G | 14″,3 G |
| 81 8-9 | 59,82 G | 14,5 G |

**29007 P. — 40246 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h43m | 78°36′ |
| 56 9-19 | | 39″,7 G |
| III. | 20h44m | 78°33′ |
| 71 9-15 | 0s,91 M | 23″,6 M |
| 9-15 | 0,94 G | 23,5 G |

**29008 P. — 1422 W2.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h42m | 59°11′ |
| 40 8-20 | | 51″,2 F |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜. 𝒟.)

### 29009 P. — 20903 A.O.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 20h 42m | 106°59' |
| 40 10-30 | 23s,05 G | |
| 11- 1 | 23,08 G | |

### 29010 P. — 322 Piazzi.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 20h 42m | 117°49' |
| 41 9- 8 | 16s,89 G | |

### 29011 P. — 40233 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h 43m | 95°18' |
| 58 8-20 | 19s,21 G | 34",8 G |
| 9- 9[1] | | 35,0 F |
| 61 9- 5 | 19,24 G | 36,2 G |
| 10-10 | 19,19 G | 35,6 G |
| 62 9-18 | 19,40 G | 34,8 G |
| 9-22 | 19,20 G | 35,5 G |
| III. | 20h 44m | 95°15' |
| 68 8-28 | 6s,77 M | 17",8 M |
| 76 9-21 | 6,82 M | 18,1 M |
| 9-22 | 6,89 M | 18,5 M |

[1] 𝒟 diminuée de 4": erreur de réduct.

### 29012 P. — 40291 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 20h 44m | 45°0' |
| 81 10- 3 | 7s,84 G | |

### 29013 P. — 5814 Sf. — 15°.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h 43m | 105°46' |
| 66 9-28 | 18s,07 M | |

### 29014 P. — 40281-82 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 20h 44m | 48°41' |
| 80 9- 2 | | 55",2 G |

### 29015 P. — 40255 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h 43m | 78°26' |
| 58 8- 3 | 30s,83 G | 5",1 G |
| 8- 9 | | 7,2 G |
| 9- 6 | | 6,7 G |
| III. | 20h 44m | 78°22' |
| 71 9- 5 | 13s,54 G | |
| 9-12 | 14,09 G | |

### 29016 P. — 40259 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h 43m | 65°39' |
| 58 11-10 | | 5",4 G |
| 59 7-26 | 34s,71 G | |
| 9-24 | 34,98 G | 6,1 G |

### 29017 P. — 40280 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 20h 44m | 51°35' |
| 80 8-27 | 15s,86 J | 51",1 J |
| 81 9-18 | 16,06 J | 49,6 J |

### 29018 P. — 1427 $W_2$.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 20h 42m | 63°40' |
| 48 9-17 | 59s,86 G | |

### 29019 P. — 40243 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h 43m | 93°52' |
| 55 9-15 | 30s,44 G | |
| 58 9-27 | | 31",2 F |
| 10- 5 | | 29,1 G |
| III. | 20h 44m | 93°49' |
| 79 9- 3 | 17s,43 J | 11",9 J |

### 29020 P. — 40287 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 20h 44m | 50°40' |
| 81 9-17 | 19s,35 J | 15",1 J |

### 29021 P. — 40263 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 20h 44m | 64°41' |
| 80 10-10 | 21s,17 J | 34",8 J |

### 29022 P. — 40219 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 20h 42m | 117°29' |
| 37 10-25 | 33s,62 G | |
| 39 9- 7 | 33,78 G | 39",5 F |
| 9-18 | 33,58 G | |
| 40 8-30 | 33,77 G | 39,0 F |
| 41 8-19 | 33,67 G | |
| II. | 20h 43m | 117°26' |
| 54 8-20 | 27s,60 G | |
| 55 9- 7 | 27,48 G | 22",2 G |
| 56 9-16 | 27,61 G | 25,0 G |

### 29023 P. — 40238 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h 43m | 104°26' |
| 54 9-29 | 33s,39 G | 33",7 G |
| 61 8-29 | 33,46 G | 34,2 G |
| 62 8-13 | 33,49 G | 32,0 G |
| III. | 20h 44m | 104°23' |
| 78 10- 2 | 23s,28 M | 16",4 M |

### 29024 P. — 40278 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 20h 44m | 59°48' |
| 71 9-17 | 25s,14 G | 45",0 G |
| 74 8-20 | 25,24 M | 44,2 M |

### 29025 P. — 40293 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 20h 44m | 51°10' |
| 80 9-27 | 26s,32 J | 26",1 J |
| 81 9-28 | 26,45 J | 25,9 J |

### 29026 P. — 40240 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 20h 44m | 90°5' |
| 76 8- 7 | 34s,48 G | |
| 79 8-30 | 34,50 J | 27",5 J |

### 29027 P. — 4007 A + 26°.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h 43m | 63°27' |
| 58 8- 8 | | 44",2 G |

### 29028 P. — 11811 Cambridge.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h 43m | 64°22' |
| 58 8- 8[1] | 59s,11 G | |

[1] Erreur de 1° dans la déclinaison approchée indiquée (distance des fils).

### 29029 P. — 40283 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h 44m | 64°26' |
| 58 8- 8[1] | 0s,94 G | |
| III. | 20h 44m | 64°23' |
| 75 8- 7 | 39s,71 M | 33",8 M |
| 8-17 | 39,83 M | 34,0 M |
| 8-20 | 39,81 M | 33,9 M |
| 9-17 | 39,80 M | 34,3 M |

[1] Erreur de 1° dans la décl. approchée indiquée (distance des fils).

### 29030 P. — 40310 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 20h 43m | 44°27' |
| 40 9-12 | | 28",2 F |
| 47 10-11 | 39s,36 G | 27,1 F |
| 50 9- 4 | 39,54 G | |
| 51 9-11 | 39,47 G | |
| II. | 20h 44m | 44°24' |
| 62 7-21 | 10s,17 G | |
| 7-25 | 10,17 G | |
| 7-27 | 10,12 G | |
| 7-30 | 10,28 G | |
| 7-31 | 10,01 G | |
| 9- 5 | 10,20 G | |
| 63 8- 1 | 10,09 G | |
| 8- 4 | 10,13 G | |
| 8- 7 | 9,96 G | |
| 8- 8 | 10,17 G | |
| 8- 9 | 9,93 G | |
| 8-10 | 10,06 G | |
| 8-14 | 9,90 M | |
| 8-24 | 10,09 G | |
| 8-31 | 10,11 G | |
| 9-11 | 10,11 G | |
| 9-12 | 10,03 G | |
| 64 7-29 | 10,09 G | |
| 7-30 | 10,06 G | |
| 8- 6 | 10,02 G | |
| 8- 7 | 10,01 G | |
| 8- 8 | 10,00 G | |
| 8-11 | 9,95 G | |
| 8-16 | 10,15 G | |
| 8-26 | | 13",9 G |
| 8-28 | 10,00 G | |
| 8-29 | 10,19 G | |
| 9- 6 | 9,90 G | |
| 9-11 | 10,01 G | |
| 9-12 | 10,01 G | |
| 9-17 | 10,16 G | |
| 9-22 | 10,09 G | |
| 9-23 | 10,05 G | |
| 9-30 | 10,17 G | |
| 10- 1 | 10,15 G | |
| 65 8-26 | | 13,5 G |
| 8-30 | | 13,8 G |
| 9- 2 | 10,07 G | |
| 9- 8 | 10,04 G | |
| 9-12 | 10,10 G | |
| 9-15 | | 14,0 G |
| 9-16 | | 14,2 G |
| 66 8- 6 | 10,02 G | |
| 8-22 | 10,07 G | |
| III. | 20h 44m | 44°20' |
| 80 8-31 | 40s,47 G | |
| 9- 8 | 40,77 G | 55",1 G |
| 81 8-22 | | 54,5 G |
| 9-15 | 40,66 G | 54,9 G |
| 10-14 | 40,79 G | 57,1 G |

### 29031 P. — 40288 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20m 44m | 61°31' |
| 58 9-14 | 3s,91 G | 33",4 G |
| III. | 20h 44m | 61°28' |
| 71 8-26 | 41s,87 G | 15",7 G |
| 79 8-11 | 41,97 G | 15,1 G |

Colonnes : Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜, 𝒟).

**29032 P. — 40317 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | 20h 44m | 42° 13′ |
| 81 9-29 | 42s,15 G | 45″,3 G |

**29033 P. — 40289-90 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 20h 44m | 63° 8′ |
| 57 10-1 | | 31″,7 G |
| 58 9-16 | 6s,44 G | 31,3 G |
| 62 9-9 | 6,48 G | 32,1 G |
| III. | 20h 44m | 63° 5′ |
| 71 9-20 | 44s,99 G | 13″,9 G |
| 10-12 | 44,85 G | |
| 10-17 | 44,80 G | |

**29034 P. — 40271 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 20h 41m | 76° 34′ |
| 67 9-2 | 3s,60 M | 8″,3 M |
| III. | 20h 44m | 76° 30′ |
| 71 8-28 | 46s,19 G | 51″,6 G |
| 9-9 | 46,20 G | |

**29035 P. — 4 Verseau.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | 20h 43m | 96° 12′ |
| 39 8-23 | 12s,35 G | 8″,1 F |
| 40 8-28[1] | 12,38 G | 9,6 F |
| 8-29 | 12,39 G | 9,1 F |
| 8-30 | | 7,6 F |
| 8-31 | 12,50 G | 8,0 F |
| 9-21 | 12,38 G | 10,5 F |
| 41 8-27 | 12,40 G | |
| 8-28 | 12,38 G | 5,3 F |
| 8-30 | 12,29 G | 6,7 F |
| 9-10 | 12,29 G | |
| 9-11 | 12,34 G | |
| 9-19 | 12,19 G | |
| 9-20 | 12,32 G | |
| 46 9-14 | 12,36 G | |
| 9-25 | | 7,9 G |
| 47 8-31 | 12,52 G | 6,8 F |
| 48 10-7 | 12,28 G | |
| 49 9-21 | 12,52 G | |
| 50 8-24 | 12,41 G | |
| 52 8-5 | 12,40 G | |
| 53 7-19 | 12,37 G | |
| II. | 20h 44m | 96° 8′ |
| 54 8-21 | | 50″,7 G |

[1] 𝒟 augm. de 10″ : erreur de réduction.

**29036 P. — 40275 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 20h 44m | 77° 56′ |
| 57 8-26 | 8s,18 G | |
| 58 8-24 | 8,12 G | 46″,9 G |
| 9-11 | 8,31 G | 47,0 G |
| 9-27 | 8,17 G | 47,0 G |

**29037 P. — 8601 Rümker.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | 20h 43m | 72° 31′ |
| 40 9-29 | 29s,38 G | |
| 9-30 | 29,31 G | |

**29038 P. — 40268 L. (le centre).**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 20h 41m | 84° 8′ |
| 55 10-13 | 8s,64 G | |
| 10-16 | 8,44 G | |
| III. | 20h 44m | 84° 4′ |
| 69 10-7 | | 41″,5 G |

**29039 P. — 40268 L. (la 2e).**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 20h 44m | 84° 8′ |
| 55 10-13 | | 0″,6 G |

**29040 P. — 40266-67 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 20h 44m | 87° 1′ |
| 56 8-26 | 10s,06 G | 57″,9 G |
| 57 8-28 | | 56,8 G |
| 9-19 | 10,32 G | 58,6 G |

**29041 P. — 40328 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | 20h 44m | 38° 33′ |
| 80 8-26 | 56s,20 G | 8″,9 G |
| 9-20 | 56,36 G | 10,5 G |

**29042 P. — 40284 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 20h 44m | 76° 22′ |
| 61 10-3 | | 60″,5 G |
| 62 9-15 | 17s,40 G | 59,5 G |
| III. | 20h 44m | 76° 19′ |
| 71 8-27 | | 41″,3 G |
| 9-3 | 59s,69 G | 40,7 G |

**29043 P. — 40258 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 20h 44m | 100° 50′ |
| 54 9-25 | 10s,90 G | |
| 60 8-9 | 10,99 G | 19″,5 G |
| 8-17 | 11,04 G | |
| 9-6 | 11,05 G | 19,5 G |
| 9-6[1] | | 16,2 F |

[1] 𝒟 diminuée de 1′.

**29044 P. — 40312 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 20h 44m | 54° 11′ |
| 67 8-23 | 28s,56 G | 23″,1 G |
| III. | 20h 45m | 54° 8′ |
| 79 9-8 | 3s,81 J | 5″,9 J |

**29045 P. — 40297 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 20h 44m | 66° 46′ |
| 58 9-19[1] | 25s,43 G | 27″,9 G |
| 10-2 | 25,60 G | 28,6 G |
| 10-4 | 25,69 G | 28,7 G |

[1] 𝒜 augmentée de 1s : erreur de réduct.

**29046 P. — 40257 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 20h 44m | 110° 9′ |
| 55 9-8 | 15s,58 G | |
| 57 6-29 | | 57″,7 G |
| 7-11 | 15,50 G | |
| III. | 20h 45m | 110° 6′ |
| 78 8-31 | 7s,03 M | 38″,2 M |
| 81 9-19 | 6,99 M | 36,4 M |

**29047 P. — 40256 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 20h 44m | 111° 45′ |
| 55 9-19 | 16s,72 G | 16″,2 G |
| 58 10-6 | | 14,5 G |
| 59 10-17 | | 14,3 G |
| III. | 20h 45m | 111° 41′ |
| 79 9-11 | 8s,67 J | 55″,4 J |

**29048 P. — 40262 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | 20h 43m | 102° 1′ |
| 40 8-20 | 31s,51 G | |
| 10-10 | 31,62 G | |
| 10-12 | 31,58 G | |
| 10-13 | 31,58 G | |
| 41 9-13 | 31,65 G | |
| II. | 20h 44m | 101° 57′ |
| 54 9-20 | 20s,96 G | |
| 55 9-9 | | 39″,4 G |
| III. | 20h 45m | 101° 54′ |
| 79 8-1 | 10s,13 J | 20″,3 J |

**29049 P. — 3497 Cincinnati.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | 20h 43m | 109° 19′ |
| 52 11-3 | | 13″,3 G |
| 11-6 | 30s,62 G | |
| 11-10[1] | 30,53 G | 7,2 G |
| 11-14 | 30,50 G | |
| 53 8-22 | 30,33 G | |
| 8-24 | 30,30 G | 15,5 G |
| 8-26 | | 12,4 G |
| 8-29 | | 13,5 G |

[1] 𝒟 non comprise dans la moyenne.

**29050 P. — 40276 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 20h 44m | 95° 19′ |
| 55 8-17 | | 5″,7 G |
| 9-9 | 26s,01 G | |
| 58 7-30 | 25,81 G | 4,5 G |
| 59 10-6 | 26,17 G | |

**29051 P. — 4197 A + 30°.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | 20h 44m | 59° 13′ |
| 40 8-20 | | 18″,3 F |

**29052 P. — 40269 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 20h 44m | 99° 55′ |
| 54 9-26 | 25s,79 G | |
| 61 9-2 | | 17″,5 G |
| 62 9-12 | 25,95 G | 15,7 G |

**29053 P. — 40308 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 20h 44m | 61° 48′ |
| 58 8-30 | 37s,06 G | |
| 9-23 | 37,31 G | |
| 59 7-31 | 37,18 G | |
| 8-16 | | 52″,4 G |
| III. | 20h 45m | 61° 45′ |
| 71 8-26 | 15s,48 M | 35″,5 M |
| 9-18 | 15,25 G | 34,5 G |

**29054 P. — 1127 W1.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | 20h 43m | 98° 4′ |
| 49 8-15 | 39s,87 G | |

**29055 P. — 40324 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 20h 44m | 50° 28′ |
| 67 8-27 | 43s,15 G | 35″,2 G |

| Dates 1800+ A. M. J. | | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|---|

### 29055 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $20^h 45^m$ | 50°25' |
| 79 | 9-10 | 16$^s$,44 G | |
| | 9-18 | 16,71 G | 17",7 G |
| | 9-19 | 16,63 G | 18,9 G |

### 29056 P. — 40298 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $20^h 44^m$ | 74°28' |
| 57 | 10-13 | | 27",1 G |
| 58 | 9-12 | | 27,2 G |
| | | III. | |
| | | $20^h 45^m$ | 74°25' |
| 71 | 9-11 | 18$^s$,01 G | |

### 29057 P. — 40260 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $20^h 44^m$ | 110°3' |
| 55 | 9-27 | | 10",6 G |
| 57 | 7-11 | 27$^s$,36 G | |
| | | III. | |
| | | $20^h 45^m$ | 109°59' |
| 78 | 9-11 | 18$^s$,71 M | 51",8 M |

### 29058 P. — 40318 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $20^h 44^m$ | 59°36' |
| 66 | 9- 5 | 47$^s$,82 G | |
| | 9-10 | 47,58 G | |
| 67 | 8-24 [1] | 47,60 G | 34",1 G |
| | | III. | |
| | | $20^h 45^m$ | 59°33' |
| 79 | 9- 2 | 24$^s$,99 G | 14",2 G |

[1] 𝒜 augmentée de 2$^s$ : l'observateur ayant noté : erreur probable d'une seconde, a diminué le passage de 1$^s$, tandis qu'il aurait dû l'augmenter de la même quantité.

### 29059 P. — 5 Verseau.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $20^h 43^m$ | 96°5' |
| 39 | 8-23 | 56$^s$,76 G | 2",0 F |
| 40 | 8-28 | 56,73 G | 5,7 F |
| | 8-29 [1] | 56,71 G | 6,9 F |
| | 8-30 | | 4,9 F |
| | 8-31 | 56,77 G | 5,1 F |
| | 9-21 | 56,81 G | |
| 41 | 8-30 | 56,82 G | 6,7 F |
| | 9-10 | 56,68 G | |
| | 9-11 | 56,76 G | |
| | 9-19 | 56,73 G | |
| | 9-20 | 56,72 G | |
| 46 | 8-23 | | 5,3 G |
| | 9-13 | 56,78 G | |
| | 10- 7 | | 4,5 G |
| 47 | 10- 3 | | 4,1 G |
| 48 | 8- 2 | 56,78 G | |
| | 10- 7 | | 4,3 G |
| 49 | 8-21 | 56,59 G | |

### 29059 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $20^h 43^m$ | 96°5' |
| 52 | 8- 1 | 56$^s$,71 G | |
| | 11-18 | 57,00 G | |

[1] 𝒫 dimin. de 15' 3",0 : erreur d'observ. et de réduction.

### 29060 P. — 40294 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $20^h 44^m$ | 92°46' |
| 57 | 9-11 | 45$^s$,36 G | 59",7 G |
| | | III. | |
| | | $20^h 45^m$ | 92°43' |
| 69 | 8-27 | 32$^s$,25 M | 41",1 M |

### 29061 P. — 40333 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $20^h 45^m$ | 48°6' |
| 80 | 9-13 | 35$^s$,46 G | 1",7 G |
| | 9-24 | 35,39 G | 2,2 G |
| | 10- 1 | 35,57 G | 1,3 G |

### 29062 P. — 40285 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $20^h 44^m$ | 103°43' |
| 55 | 7-23 | | 33",8 G |
| | | III. | |
| | | $20^h 45^m$ | 103°40' |
| 80 | 9- 6 | 37$^s$,08 M | 15",5 M |
| 81 | 9-28 | 37,04 M | 17,1 M |

### 29063 P. — 40300 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $20^h 44^m$ | 86°5' |
| 56 | 8-31 | 52$^s$,01 G | |
| | 9- 4 | 51,88 G | 47",6 G |
| 63 | 8- 4 [1] | 52,04 M | 46,2 M |

[1] 𝒜 diminuée de 0$^s$,40 : erreur de moy.

### 29064 P. — 40337 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $20^h 44^m$ | 46°31' |
| 46 | 8-15 | | 17",9 G |
| | 8-17 | 34$^s$,62 G | 19,4 G |
| | 8-21 | 34,60 G | 18,0 G |
| | 8-22 | 34,72 G | |
| | 10-18 | 34,59 G | |
| 48 | 10-26 | 34,67 G | |
| 50 | 9- 7 | | 19,1 G |
| | | III. | |
| | | $20^h 45^m$ | 46°24' |
| 80 | 9- 1 | 38$^s$,36 G | |
| | 9- 9 | 38,55 G | 36",8 G |
| | 9-27 | 38,47 G | 37,2 G |

### 29065 P. — 40340 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $20^h 45^m$ | 43°48' |
| 80 | 8-23 | 40$^s$,90 G | 13",8 G |
| | 9-30 [1] | 41,05 G | 14,6 G |

[1] 𝒜 augmentée de 1$^s$ : erreur de réduct.

### 29066 P. — 40274 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $20^h 45^m$ | 114°14' |
| 76 | 8- 3 | 41$^s$,06 M | 61",7 M |
| | 8- 3 | 41,14 G | 61,4 G |
| | 8- 4 | 41,03 M | 60,6 M |
| | 8- 4 | 41,07 G | 59,3 G |

### 29067 P. — 40347 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $20^h 44^m$ | 40°26' |
| 41 | 7-22 | | 54",6 F |
| | | III. | |
| | | $20^h 45^m$ | 40°20' |
| 81 | 8- 1 | 41$^s$,17 G | 16",1 G |
| | 8- 8 | 41,07 G | 15,2 G |

### 29068 P. — 21173-74 A. O.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $20^h 44^m$ | 45°13' |
| 44 | 9- 2 | 39$^s$,26 G | |
| | 9- 3 | 39,25 G | |

### 29069 P. — 40307 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $20^h 44^m$ | 84°46' |
| 56 | 10-21 | | 51",8 G |
| 57 | 1-27 | 56$^s$,90 G | |
| | 8- 3 | 56,73 G | |
| | 8- 6 | 56,67 G | 51,1 G |
| | 8-22 | 56,85 G | 51,0 G |
| 58 | 7-19 | 57,14 G | |
| 60 | 9-29 | 56,81 G | 51,9 G |

### 29070 P. — 8339 Sj.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $20^h 45^m$ | 79°0' |
| 79 | 9- 3 | | 18",3 G |

### 29071 P. — 40296 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $20^h 44^m$ | 95°13' |
| 55 | 8-23 | 56$^s$,20 G | 29",4 G |
| | 9-16 | | 31,2 G |
| | | III. | |
| | | $20^h 45^m$ | 95°10' |
| 79 | 9-18 | 43$^s$,63 J | 15",5 J |

### 29072 P. — 40314 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $20^h 45^m$ | 78°29' |
| 58 | 8- 3 | 1$^s$,61 G | 9",1 G |
| | 9- 8 | | 7,7 F |
| | | III. | |
| | | $20^h 45^m$ | 78°25' |
| 80 | 8-30 | 44$^s$,75 M | 51",0 M |

### 29073 P. — 4273 A + 36°.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $20^h 44^m$ | 54°1' |
| 43 | 10-17 | 36$^s$,39 G | |

### 29074 P. — 40292 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $20^h 44^m$ | 106°41' |
| 58 | 8-27 | | 18",0 G |
| | 9- 9 | 58$^s$,25 G | 18,1 G |
| 61 | 8-27 | 58,27 G | 17,2 G |
| | 9-26 | 58,39 G | 20,1 G |
| | 9-27 | 58,21 G | 19,8 G |
| | 10- 2 | 58,39 G | 18,1 G |
| | | III. | |
| | | $20^h 45^m$ | 106°37' |
| 78 | 9- 3 | 48$^s$,98 M | 59",3 M |
| | 9- 7 | 48,92 M | 58,2 M |

### 29075 P. — 40303 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I | |
| | | $20^h 44^m$ | 93°47' |
| 44 | 8-21 | 16$^s$,12 G | |
| | 8-28 | 15,93 G | 51",2 F |
| | | II. | |
| | | $20^h 45^m$ | 93°44' |
| 55 | 10- 5 | 2$^s$,72 G | 32",1 G |
| | | III. | |
| | | $20^h 45^m$ | 93°41' |
| 79 | 9-22 | 49$^s$,90 J | 15",5 J |

### 29076 P. — 40316 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $20^h 45^m$ | 81°44' |
| 56 | 10- 5 | 6$^s$,29 G | 58",6 G |
| 57 | 10- 6 | | 58,9 G |

### 29077 P. — 40306 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $20^h 45^m$ | 90°38' |
| 57 | 8- 2 | 4$^s$,35 G | |
| 58 | 9- 8 | 4,16 G | 31",3 G |
| | | III. | |
| | | $20^h 45^m$ | 90°35' |
| 79 | 9- 2 | 50$^s$,50 M | 14",2 M |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜., 𝒫.)

**29078 P. — 40319 L.**

III.

| A. | M. J. | 𝒜. $20^h45^m$ | 𝒫. 76°32′ |
|---|---|---|---|
| 71 | 8-12 | $54^s,46$ G | 55″,9 G |
| 75 | 8-10 | | 55,4 G |
| | 8-25 | 54,24 G | |

**29079 P.**

**6 μ Verseau.**

Étoile fondamentale.

**29080 P. — 40315 L.**

II.

| A. | M. J. | 𝒜. $20^h45^m$ | 𝒫. 87°3′ |
|---|---|---|---|
| 56 | 9- 5 | $10^s,91$ G | 49″,8 G |

III.

| A. | M. J. | 𝒜. $20^h45^m$ | 𝒫. 87°0′ |
|---|---|---|---|
| 73 | 8-23 | $56^s,06$ M | 31″,8 M |

**29081 P. — 40334 L.**

II.

| A. | M. J. | 𝒜. $20^h45^m$ | 𝒫. 55°46′ |
|---|---|---|---|
| 66 | 9-15 | $20^s,81$ G | |
| 67 | 8- 5 | 20,92 G | 4″,6 G |

III.

| A. | M. J. | 𝒜. $20^h45^m$ | 𝒫. 55°42′ |
|---|---|---|---|
| 74 | 8-19 | $56^s,72$ M | 46″,7 M |

**29082 P. — 40339 L.**

II.

| A. | M. J. | 𝒜. $20^h45^m$ | 𝒫. 54°35′ |
|---|---|---|---|
| 67 | 9-11 | | 56″,8 G |

III.

| A. | M. J. | 𝒜. $20^h45^m$ | 𝒫. 54°32′ |
|---|---|---|---|
| 79 | 9-11 | $57^s,70$ G | 39″,8 G |
| | 9-22 | 57,59 G | 38,7 G |
| | 10- 4 | 57,55 G | 39,7 G |

**29083 P. — 11841 Cambridge.**

II.

| A. | M. J. | 𝒜. $20^h45^m$ | 𝒫. 63°5′ |
|---|---|---|---|
| 59 | 7-26[1] | $26^s,57$ G | |

[1] 𝒜 augmentée de $0^s,50$ : err. de moy.

**29084 P. — 40321 et 23 L.**

II.

| A. | M. J. | 𝒜. $20^h45^m$ | 𝒫. 80°17′ |
|---|---|---|---|
| 56 | 9- 2 | | 7″,3 G |
| 57 | 7-22 | $21^s,51$ G | |
| | 8-13 | 21,76 G | 6,2 G |
| 58 | 9-15 | 21,62 G | |
| | 9-28 | 21,54 G | |

**29084 P. (suite).**

III.

| A. | M. J. | 𝒜. $20^h46^m$ | 𝒫. 80°13′ |
|---|---|---|---|
| 75 | 8-23 | $5^s,22$ G | 47″,6 G |
| 79 | 8- 1 | | 47,5 G |
| 80 | 9- 3 | 5,17 M | 47,6 M |

**29085 P. — 40320 L.**

II.

| A. | M. J. | 𝒜. $20^h45^m$ | 𝒫. 84°34′ |
|---|---|---|---|
| 55 | 10- 2 | $22^s,68$ G | 29″,6 G |
| 59 | 7-21 | 22,56 G | |

III.

| A. | M. J. | 𝒜. $20^h46^m$ | 𝒫. 84°31′ |
|---|---|---|---|
| 71 | 9- 5 | $7^s,23$ M | 10″,9 M |

**29086 P. — 40350-51 L.**

III.

| A. | M. J. | 𝒜. $20^h46^m$ | 𝒫. 48°5′ |
|---|---|---|---|
| 68 | 10-22 | $7^s,47$ M | 3″,1 M |
| 74 | 9-18 | 7,41 M | 3,5 M |
| 75 | 8-27 | 7,56 M | 6,1 M |
| | 9- 6 | 7,64 M | 3,7 M |
| | 9- 7 | 7,45 M | 3,6 M |
| 80 | 9- 3 | 7,65 G | 4,7 G |
| | 9- 5 | 7,80 G | 3,3 G |

**29087 P. — 4118 A — 0°.**

III.

| A. | M. J. | 𝒜. $20^h46^m$ | 𝒫. 90°4′ |
|---|---|---|---|
| 79 | 8-16 | $8^s,47$ M | 19″,2 M |

**29088 P. — 40329 L.**

II.

| A. | M. J. | 𝒜. $20^h45^m$ | 𝒫. 74°7′ |
|---|---|---|---|
| 58 | 10- 3 | $26^s,54$ G | 45″,4 G |

III.

| A. | M. J. | 𝒜. $20^h46^m$ | 𝒫. 74°4′ |
|---|---|---|---|
| 71 | 8- 7 | $8^s,55$ G | 23″,8 G |
| | 8-13 | 8,57 G | 25,4 G |

**29089 P. — 40335-36 L.**

II.

| A. | M. J. | 𝒜. $20^h45^m$ | 𝒫. 62°16′ |
|---|---|---|---|
| 58 | 7-14 | $31^s,59$ G | 20″,4 G |
| | 8- 6 | 31,57 G | 20,9 G |
| | 11-11 | 31,92 G | 18,1 G |
| 59 | 9-18 | 31,63 G | 19,2 G |

**29090 P. — 11845 Cambridge.**

II.

| A. | M. J. | 𝒜. $20^h45^m$ | 𝒫. 62°13′ |
|---|---|---|---|
| 58 | 9-10 | $34^s,17$ G | 21″,4 G |

**29091 P. — 40313 L.**

I.

| A. | M. J. | 𝒜. $20^h44^m$ | 𝒫. 102°9′ |
|---|---|---|---|
| 39 | 8-24 | $36^s,56$ G | |
| | 8-28 | 36,56 G | |
| | 9- 7 | 36,66 G | 17″,4 F |
| | 9- 9[1] | 36,61 G | |
| | 9-18 | 36,43 G | |
| 40 | 8-17 | 36,73 G | |
| | 8-20 | 36,43 G | |
| | 10-10 | 36,40 G | |
| | 10-12 | 36,50 G | |
| | 10-13 | 36,39 G | |
| | 10-30 | 36,33 G | |
| 41 | 8-19 | 36,47 G | |
| | 9- 8 | 36,65 G | |
| 47 | 11-18 | 36,38 G | 19,9 G |

II.

| A. | M. J. | 𝒜. $20^h45^m$ | 𝒫. 102°6′ |
|---|---|---|---|
| 59 | 7-17 | | 1″,0 G |

III.

| A. | M. J. | 𝒜. $20^h46^m$ | 𝒫. 102°2′ |
|---|---|---|---|
| 81 | 9-15 | $15^s,25$ M | 40″,0 M |
| | 10- 1 | 15,22 M | 40,4 M |

[1] 𝒜 diminuée de $2^s$ : erreur de réduct.

**29092 P. — 40338 L.**

III.

| A. | M. J. | 𝒜. $20^h46^m$ | 𝒫. 67°8′ |
|---|---|---|---|
| 80 | 9- 1 | $18^s,09$ J | 12″,5 J |
| | 9- 9 | 18,24 J | 12,6 J |
| 81 | 8-10 | 18,37 J | 12,0 J |

**29093 P. — 40311 L.**

I.

| A. | M. J. | 𝒜. $20^h44^m$ | 𝒫. 109°41′ |
|---|---|---|---|
| 41 | 9-21 | $41^s,65$ G | |

II.

| A. | M. J. | 𝒜. $20^h45^m$ | 𝒫. 109°38′ |
|---|---|---|---|
| 55 | 7-21 | $33^s,27$ G | 22″,9 G |

III.

| A. | M. J. | 𝒜. $20^h46^m$ | 𝒫. 109°35′ |
|---|---|---|---|
| 78 | 9- 2 | $24^s,58$ M | 2″,4 M |

**29094 P. — 20929 A. O.**

III.

| A. | M. J. | 𝒜. $20^h46^m$ | 𝒫. 116°47′ |
|---|---|---|---|
| 70 | 8-19 | $29^s,70$ M | 12″,8 M |
| 81 | 9-29 | 29,86 M | 15,0 M |
| | 10- 3 | 30,00 M | 15,6 M |

**29095 P. — 40326-27 L.**

II.

| A. | M. J. | 𝒜. $20^h45^m$ | 𝒫. 92°46′ |
|---|---|---|---|
| 55 | 8-22[1] | $44^s,74$ G | |
| 56 | 7-26 | 44,84 G | 3″,5 G |
| 58 | 10- 5 | | 1,7 G |

[1] 𝒜 augmentée de $1^m$ : err. de transc.

**29096 P. — 5803 Sf. — 18″.**

III.

| A. | M. J. | 𝒜. $20^h46^m$ | 𝒫. 108°51′ |
|---|---|---|---|
| 68 | 9- 7 | $36^s,57$ M | 8″,2 M |
| | 9- 8 | 36,44 M | 11,0 M |
| | 9- 9 | 36,13 M | 10,5 M |
| | 9-12 | 36,37 M | 11,5 M |

**29097 P. — 40309 L.**

II.

| A. | M. J. | 𝒜. $20^h45^m$ | 𝒫. 118°27′ |
|---|---|---|---|
| 57 | 8-12 | | 3″,6 G |
| 58 | 8- 5 | | 3,5 G |
| | 8-15 | | 1,1 G |
| 59 | 10-17[1] | | 4,9 G |
| 60 | 10- 6 | $42^s,32$ G | 4,6 G |

[1] 𝒫 diminuée de 1′.

**29098 P. — 26375 Mn₁.**

II.

| A. | M. J. | 𝒜. $20^h45^m$ | 𝒫. 83°47′ |
|---|---|---|---|
| 57 | 10- 2 | $53^s,38$ G | 35″,0 G |
| | 10-12 | | 35,3 G |

**29099 P. — 40322 L.**

II.

| A. | M. J. | 𝒜. $20^h45^m$ | 𝒫. 104°56′ |
|---|---|---|---|
| 54 | 9-27 | $47^s,55$ G | |
| 61 | 9- 5 | 47,62 G | 47″,1 G |
| | 10- 4 | | 47,1 G |
| | 10- 9 | 47,78 G | 47,3 G |
| | 10-12 | 47,68 G | 46,7 G |
| | 10-16 | 47,94 G | 48,1 G |
| 62 | 9-20 | 47,79 G | 47,0 G |

**29100 P. — 1165 W₁.**

I.

| A. | M. J. | 𝒜. $20^h45^m$ | 𝒫. 88°37′ |
|---|---|---|---|
| 41 | 8-18 | $6^s,63$ G | |

**29101 P. — 3895 A + 27°.**

II.

| A. | M. J. | 𝒜. $20^h46^m$ | 𝒫. 62°20′ |
|---|---|---|---|
| 58 | 8-16[1] | $2^s,28$ G | |

[1] 𝒜 diminuée de $1^m$.

**29102 P — 40366 L.**

III.

| A. | M. J. | 𝒜. $20^h46^m$ | 𝒫. 50°48′ |
|---|---|---|---|
| 81 | 9-13 | $41^s,67$ J | 52″,7 J |

**29103 P. — 40344 L.**

II.

| A. | M. J. | 𝒜. $20^h46^m$ | 𝒫. 70°23′ |
|---|---|---|---|
| 56 | 9- 3 | | 46″,3 G |

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**29103 P. (suite).**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 20h46m | 70°20' |
| 71 8-16 | 42s,42 G | |
| 8-22 | 42,28 G | |
| 8-23 | 42,38 M | 27",2 M |
| 9-14 | 42,40 G | |
| 9-15 | 42,31 M | 27,3 M |
| 9-15 | 42,54 G | 27,2 G |

**29104 P. — 40368-69 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 20h46m | 51°4' |
| 81 9-16 | 44s,21 J | 31",0 J |

**29105 P. — 40357-58 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 20h45m | 63°28' |
| 40 8-30 | 29s,74 G | |
| 46 7-20 | 29,76 G | |
| 7-28 | 29,66 G | |
| 8-26 | 29,48 G | |
| 8-29 | 29,65 G | |
| 8-30 | 29,75 G | |
| 10-1 | 29,63 G | |
| 10-3 | 29,62 G | |
| 10-7 | 29,67 G | |
| 10-9 | 29,72 G | |
| 10-10 | 29,69 G | |
| 11-4 | | 48",4 G |
| 48 8-8 | | 47,9 G |
| 9-15 | 29,65 G | |
| 9-17 | 29,71 G | |
| 9-19 | 29,65 G | |
| 9-20 | 29,76 G | |
| 49 9-21 | 29,66 G | |
| 53 8-7 | 29,64 G | |
| II. | 20h46m | 63°25' |
| 57 10-22 | | 31",5 G |
| 60 9-15 | 8s,06 G | |
| III. | 20h46m | 63°22' |
| 81 9-30 | 46s,57 M | 10",9 M |

**29106 P. — 40384 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h46m | 42°29' |
| 66 8-10 | 19s,26 G | |
| III. | 20h46m | 42°26' |
| 80 8-30 | 48s,59 G | 16",0 G |
| 9-6 | 48,81 G | 16,6 G |

**29107 P. — 40379 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h46m | 47°53' |
| 66 8-23[1] | 15s,16 G | |

**29107 P. (suite).**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 20h46m | 47°50' |
| 80 8-27 | 48s,74 G | 13",9 G |
| 9-26 | 48,84 G | 10,7 G |

[1] 𝒜 non cataloguée : erreur probable de 1s.

**29108 P. — 5288 Sf. — 4°.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h46m | 94°29' |
| 62 9-18 | | 56",2 G |

**29109 P. — 11855 Cambridge.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h46m | 61°40' |
| 59 7-31 | 11s,34 G | |

**29110 P. — 40331 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h46m | 102°10' |
| 54 8-24 | 0s,17 G | |
| 8-25 | 0,25 G | |

**29111 P. — 4677 A + 6°.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h46m | 83°44' |
| 57 10-12 | 5s,52 G | |

**29112 P. — 40367 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 20h46m | 57°37' |
| 80 9-15 | 55s,24 J | 11",8 J |

**29113 P. — 40343 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h46m | 83°48' |
| 57 10-2 | 11s,56 G | |
| 10-12 | 11,59 G | |

**29114 P. — 40383 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h46m | 79°31' |
| 58 9-6 | | 38",9 G |

**29115 P. — 40332 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h46m | 103°43' |
| 54 9-2 | 7s,37 G | |
| 61 8-29 | 7,40 G | 45",1 G |
| 9-2 | 7,58 G | |
| 10-14 | 7,52 G | 45,9 G |

**29115 P. (suite).**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 20h46m | 103°40' |
| 78 9-27[1] | 57s,18 M | 26",7 M |

[1] 𝒜 dim. de 0s,24 : suppression de deux fils erronés.

**29116 P. — 8351 Sj.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h46m | 93°41' |
| 55 8-20 | | 34",8 G |

**29117 P. — 40342 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h46m | 90°11' |
| 55 9-15 | 17s,01 G | |
| 57 10-16 | 16,94 G | 59",6 G |
| 10-20 | 16,90 G | 59,6 G |
| III. | 20h47m | 90°8' |
| 79 8-30 | 3s,13 J | 39",5 J |
| 9-3 | 3,05 J | 40,2 J |

**29118 P. — 40373 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 20h47m | 55°48' |
| 80 8-27 | 3s,76 J | 39",5 J |
| 81 9-17 | | 38,2 J |
| 9-18 | 3,81 J | 40,4 J |

**29119 P. — 4349 A + 39°.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 20h47m | 50°17' |
| 81 9-19 | 4s,02 J | 3",3 J |

**29120 P. — 1174 W1.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 20h45m | 102°52' |
| 47 11-13 | 26s,88 G | 26",6 G |

**29121 P. — 40325 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h46m | 118°27' |
| 55 8-11 | 11s,64 G | |

**29122 P. — 40352 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 20h45m | 87°34' |
| 40 8-29 | 40s,81 G | |
| 9-29 | 40,87 G | |
| 9-30 | 40,88 G | |
| II. | 20h46m | 87°31' |
| 55 9-28 | 26s,19 G | 27",8 G |
| 57 9-9 | 25,92 G | 29,0 G |

**29123 P. — 40355 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h46m | 81°12' |
| 58 8-1 | | 39",2 G |
| 8-12 | 27s,94 G | 39,3 G |
| 62 10-8 | 27,90 G | 39,6 G |

**29124 P. — 3912 A + 28°.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 20h46m | 61°47' |
| 58 9-23 | 36s,96 G | |

**29125 P. — 1179 W1.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 20h45m | 101°30' |
| 40 9-12 | 36s,66 G | |
| 10-6 | | 21",7 F |
| 49 9-7 | 36,92 G | |

**29126 P. — 20940 A. O.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 20h47m | 116°29' |
| 70 8-20 | 17s,46 M | 21",6 M |
| 8-25 | 17,62 M | 19,9 M |

**29127 P. — 40385 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 20h47m | 54°44' |
| 69 10-6 | 18s,29 M | 6",7 M |
| 74 9-15 | 18,25 G | 6,4 G |

**29128 P. — 40345 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 20h45m | 97°28' |
| 39 9-7 | | 17",7 F |
| 41 9-10 | 42s,28 G | |
| 9-11 | 42,42 G | |
| 9-19 | 42,45 G | |
| 9-20 | 42,54 G | |
| II. | 20h46m | 97°24' |
| 55 8-11 | | 56",8 G |
| 8-26 | 30s,50 G | |
| 57 7-31 | 30,53 G | 57,5 G |
| 8-10 | 30,61 G | |
| III. | 20h47m | 97°21' |
| 76 9-21 | 18s,55 M | 37",3 M |
| 9-22 | 18,59 M | 38,0 M |
| 10-9 | 18,72 M | 38,3 M |

**29129 P. — 40420-21 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 20h47m | 38°4' |
| 81 8-24 | 19s,45 G | |
| 8-27 | | 22",6 G |

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**29130 P. — 40407 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h46^m$ | 42°49′ |
| 67 10- 3 | $51^s,13$ M | 3″,4 M |

**29131 P. — 40362 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h46^m$ | 80°17′ |
| 58 7-13 | | 31″,2 G |
| | III. | |
| | $20^h47^m$ | 80°14′ |
| 74 9-19 | $24^s,47$ M | 11″,7 M |
| 75 8-10 | 24,49 M | 12,0 M |
| 9- 2 | 24,39 M | 11,8 M |

**29132 P. — 40370 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h46^m$ | 74°11′ |
| 58 8-11 | $42^s,67$ G | 6″,0 G |
| 10- 2 | | 5,9 G |
| 60 8- 9 | 42,71 G | 6,4 G |

**29133 P. — 40361 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h46^m$ | 84°21′ |
| 55 10-21 | $41^s,27$ G | |
| 60 8-16 | 41,25 G | 31″,4 F |
| 10- 4 | 41,20 G | 31,8 G |
| 62 9-18 | 41,27 G | |
| 10- 1 | 41,40 G | 30,8 G |
| | III. | |
| | $20^h47^m$ | 84°18′ |
| 69 10- 5 | | 13″,3 G |

**29134 P. — 40381 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h46^m$ | 65°36′ |
| 59 7-28 | $46^s,54$ G | 39″,8 G |
| | III. | |
| | $20^h47^m$ | 65°33′ |
| 80 8-10 | $25^s,77$ M | |

**29135 P. — 4488 A + 12°.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $20^h47^m$ | 77°25′ |
| 71 8-28 | $27^s,32$ G | 7″,7 G |

**29136 P. — 3913 A + 28°.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h46^m$ | 61°22′ |
| 58 9-14 | $51^s,61$ G | |

**29137 P. — 40354 et 56 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h46^m$ | 95°4′ |
| 55 8-15 | | 13″,4 G |
| 9- 9 | $42^s,42$ G | |

**29138 P. — 1196 $W_1$.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | $20^h46^m$ | 78°1′ |
| 46 8-14 | $4^s,64$ G | |

**29139 P. — 40400-01 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h46^m$ | 51°1′ |
| 67 8-23 | $56^s,59$ G | 29″,6 G |

**29140 P. — 40341 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h46^m$ | 111°28′ |
| 55 7-30 | $39^s,77$ G | |
| 58 8-27 | | 33″,6 F |

**29141 P. — 40349 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h46^m$ | 103°41′ |
| 54 9-11 | $42^s,84$ G | 14″,1 G |
| | III. | |
| | $20^h47^m$ | 103°37′ |
| 78 8-16 | $32^s,76$ M | 52″,6 M |
| 10- 2 | 32,67 M | 53,3 M |

**29142 P. — 40428 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $20^h47^m$ | 40°48′ |
| 81 9-17[1] | $34^s,23$ G | 45″,4 G |

[1] 𝒫 diminuée de 10′ : erreur de réduct.

**29143 P. — 40364 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $20^h47^m$ | 89°2′ |
| 79 8-12 | $37^s,22$ M | 51″,8 M |
| 9- 3 | 37,05 M | 51,3 M |

**29144 P. — 40359 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h46^m$ | 99°2′ |
| 55 9-26 | $50^s,05$ G | 23″,0 G |
| 57 8- 9 | 49,87 G | |

**29145 P. — 40380 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h46^m$ | 74°15′ |
| 60 8- 9 | $56^s,92$ G | |
| 61 10-10 | 56,66 G | 22″,7 G |

**29146 P. — 40348 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h46^m$ | 109°19′ |
| 54 9- 1 | | 18″,7 G |
| 9-18 | $48^s,08$ G | |
| | III. | |
| | $20^h47^m$ | 109°15′ |
| 78 8-12 | $39^s,72$ G | 59″,1 G |

**29147 P. — 40360 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h46^m$ | 99°21′ |
| 56 8-24 | $51^s,05$ G | 20″,7 G |
| 58 8-20 | 51,17 G | |
| | III. | |
| | $20^h47^m$ | 99°18′ |
| 79 9- 1 | $39^s,78$ M | 1″,6 M |

**29148 P. — 40393 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h47^m$ | 61°11′ |
| 59 9-24 | $2^s,55$ G | 39″,3 G |

**29149 P. — 40429 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $20^h47^m$ | 43°44′ |
| 80 9-29 | $42^s,75$ G | 6″,3 G |

**29150 P. — 40353 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | $20^h46^m$ | 108°30′ |
| 39 8-21 | $1^s,94$ G | |
| 8-28 | 2,08 G | |
| 8-29 | 1,89 G | |
| 9- 1 | 1,67 G | |
| 40 8-31 | 2,05 G | 23″,3 F |
| 10- 6 | 1,90 G | |
| 41 9-13 | 1,98 G | |
| 9-29 | 1,87 G | |
| 46 7-23 | 1,74 G | |
| 9-18 | 1,93 G | |
| 10-18 | | 25,1 G |
| 47 8-31 | | 23,7 F |
| 49 9-18 | 2,01 G | 24,1 G |
| 10- 4 | 2,00 G | |
| | II. | |
| | $20^h46^m$ | 108°27′ |
| 54 9- 4 | $52^s,96$ G | |
| 55 9- 9 | | 3″,0 G |

**29150 P. (suite).**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $20^h47^m$ | 108°23′ |
| 76 9-28 | $43^s,90$ M | 43″,3 M |
| 9-28 | 44,06 G | 44,1 G |

**29151 P. — 40397 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h47^m$ | 61°22′ |
| 58 9-14 | $9^s,93$ G | 53″,4 G |

**29152 P. — 40406 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $20^h47^m$ | 55°33′ |
| 69 9-17 | $49^s,84$ M | 34″,3 M |
| 79 9-18 | 49,97 G | 34,5 G |

**29153 P. — 11871 Cambridge.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h47^m$ | 62°25′ |
| 59 8-22[1] | $11^s,67$ G | |

[1] 𝒜 diminuée de $0^s,30$ : suppression d'un fil *fortement erroné*.

**29154 P. — 40365 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h47^m$ | 97°42′ |
| 57 7-24 | $2^s,04$ G | |
| 58 9- 5 | 2,14 G | |
| 9- 8 | 1,89 G | |
| | III. | |
| | $20^h47^m$ | 97°39′ |
| 81 9-17 | $50^s,22$ M | 5″,6 M |
| 9-19 | 50,40 M | 6,1 M |

**29155 P. — 40374-75 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h47^m$ | 86°34′ |
| 57 9-29 | $6^s,30$ G | 24″,7 G |
| 10-24 | | 23,9 G |
| | III. | |
| | $20^h47^m$ | 86°31′ |
| 73 8-23 | $51^s,25$ M | 3″,7 M |

**29156 P. — 40403-04 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h47^m$ | 60°52′ |
| 58 8-30 | $14^s,58$ G | |
| | III. | |
| | $20^h47^m$ | 60°49′ |
| 79 9-10 | $52^s,40$ G | 11″,9 G |
| 9-19 | 52,34 G | 10,8 G |

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|

### 29157 P. — 40439 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 47m | 40°50′ |
| 66 8-18 | 27s,88 G | |

### 29158 P. — 40363 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 20h 46m | 105°52′ |
| 43 9-29 | 17s,25 G | |
| | II. | |
| | 20h 47m | 105°48′ |
| 54 9-25 | 7s,51 G | |
| 9-26 | 7,76 G | |
| 58 9-11 | | 44″,7 G |
| | III. | |
| | 20h 47m | 105°45′ |
| 79 9-11 | 57s,92 J | 23″,0 J |

### 29159 P. — 40371 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 20h 46m | 99°28′ |
| 40 8-17 | | 1″,9 F |
| 42 11-9 | 24s,93 G | |
| 49 9-6 | 25,32 G | |
| | II. | |
| | 20h 47m | 99°24′ |
| 55 9-16 [1] | 13s,76 G | 42″,0 G |
| 58 8-20 | 13,82 G | |
| | III. | |
| | 20h 48m | 99°21′ |
| 68 8-11 | 2s,15 M | 20″,1 M |

[1] 𝒜 augm. de 1s et 𝒫 augm. de 20″ : erreurs de réduction.

### 29160 P. — 40422 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 20h 48m | 55°43′ |
| 80 10-10 | 3s,78 J | 10″,1 J |
| 81 9-28 | 3,88 J | 8,9 J |

### 29161 P. — 40392 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 47m | 80°14′ |
| 56 9-4 | 25s,19 G | 1″,6 G |
| | III. | |
| | 20h 48m | 80°10′ |
| 79 8-1 | 8s,67 G | |

### 29162 P. — 20957 A. O.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 47m | 106°39′ |
| 66 8-29 | 18s,77 M | 30″,4 M |
| 10-8 | | 32,3 M |
| 10-23 | 18,93 M | 30,7 M |

### 29163 P. — 5813-14 Gœttingue.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 47m | 91°13′ |
| 58 10-30 | | 29″,0 G |
| 60 8-17 | 24s,55 G | |

### 29164 P. — 40414 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 47m | 65°54′ |
| 58 11-11 | | 33″,2 G |
| | III. | |
| | 20h 48m | 65°51′ |
| 71 8-26 | 14s,01 M | 15″,6 M |
| 8-26 | 14,00 G | 15,3 G |

### 29165 P. — 40402 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 47m | 79°27′ |
| 58 8-24 | 37s,13 G | 10″,3 G |
| 61 10-2 | 37,21 G | 11,3 G |
| 10-3 | 37,12 G | 12,4 G |
| 62 9-9 | 37,10 G | 9,6 G |
| 9-16 | 37,08 G | 12,1 G |

### 29166 P. — 40430 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 20h 48m | 59°31′ |
| 69 9-23 | 21s,44 M | 15″,7 M |
| 74 9-14 | 21,47 M | 14,9 M |
| 75 8-17 | 21,52 M | 14,4 M |
| 9-14 | 21,34 M | 15,3 M |

### 29167 P. — 40387 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 47m | 97°42′ |
| 58 8-17 | 35s,22 G | 4″,1 G |
| 9-4 | | 5,0 G |
| 9-5 | 35,50 G | 5,0 G |
| 9-8 | 35,41 G | 4,8 G |

### 29168 P. — 40434 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 20h 47m | 58°57′ |
| 40 8-20 | | 30″,6 F |
| | III. | |
| | 20h 48m | 58°50′ |
| 80 9-27 | 23s,64 J | 48″,3 J |
| 81 9-13 | 23,61 J | 48,3 J |

### 29169 P. — 40398-99 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 47m | 86°55′ |
| 56 9-5 | 40s,82 G | 17″,0 G |

### 29169 P. (suite).

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 20m 48m | 86°51′ |
| 79 9-22 | 26s,00 J | 55″,1 J |
| 9-25 | 26,07 J | 55,8 J |

### 29170 P. — 40394 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 47m | 91°54′ |
| 57 8-2 | 39s,81 G | 17″,0 G |
| 62 8-13 | 39,98 G | 18,7 G |
| | III. | |
| | 20h 48m | 91°50′ |
| 76 9-19 | 26s,29 G | 58″,6 G |
| 9-21 | 26,38 G | 57,3 G |
| 9-22 | 26,15 G | |

### 29171 P. — 40396 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 47m | 91°13′ |
| 62 8-12 | 42s,81 G | 56″,5 G |
| | III. | |
| | 20h 48m | 91°10′ |
| 78 9-20 | 29s,21 G | |
| 9-21 | 29,04 G | |

### 29172 P. — 40424 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 20h 47m | 70°49′ |
| 40 9-16 | 7s,61 G | |
| | II. | |
| | 20h 47m | 70°46′ |
| 56 9-14 | 48s,40 G | |
| 58 9-8 | | 32″,0 F |
| 9-18 | | 30,5 G |
| | III. | |
| | 20h 48m | 70°43′ |
| 79 9-8 | 29s,34 G | 10″,1 G |

### 29173 P. — 40416 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 47m | 79°5′ |
| 58 8-3 | 51s,45 G | 15″,6 G |
| | III. | |
| | 20h 48m | 79°1′ |
| 79 9-10 | 34s,59 J | 55″,4 J |

### 29174 P. — 40388 et 90 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 47m | 101°50′ |
| 54 9-8 | 46s,10 G | |
| 61 9-27 | 46,10 G | 45″,4 G |
| | III. | |
| | 20h 48m | 101°47′ |
| 78 9-6 | 35s,13 M | 22″,6 M |
| 9-20 | 35,34 M | 23,4 M |

### 29175 P. — 1220 W1.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 47m | 79°7′ |
| 58 8-3 | 53s,81 G | |

### 29176 P. — 40408 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 47m | 87°29′ |
| 56 7-22 | 52s,57 G | |
| 8-26 [1] | | 49″,8 G |
| 57 9-19 | 52,66 G | |
| 62 9-15 | 52,53 G | 57,0 G |

[1] 𝒫 non comprise dans le Catalogue.

### 29177 P. — 40386 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 47m | 109°6′ |
| 54 9-7 | 47s,12 G | |
| 58 9-12 | | 41″,3 G |
| | III. | |
| | 20h 48m | 109°3′ |
| 78 9-21 | 38s,30 M | 20″,9 M |

### 29178 P. — 40405 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 47m | 91°54′ |
| 55 9-10 [1] | 53s,85 G | |
| 57 8-2 | 53,93 G | |
| | III. | |
| | 20h 48m | 91°50′ |
| 76 9-22 | | 55″,1 G |
| 79 8-1 | 40s,51 J | 52,5 J |

[1] 𝒜 augmentée de 5s : erreur de 5s en passant du 2e fil au 3e.

### 29179 P. — 40426 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 47m | 80°9′ |
| 57 7-27 | 59s,22 G | |
| 8-6 | 58,98 G | 1″,6 G |
| 10-6 | | 4,1 G |
| 58 9-15 | 59,00 G | |
| 9-28 | 59,04 G | |

### 29180 P. — 26534 Mn1.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 47m | 93°32′ |
| 57 9-19 [1] | | 29″,4 G |

[1] 𝒫 augmentée de 6° : erreur de transcr.

### 29181 P. — 40391 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 20h 47m | 107°38′ |
| 54 9-19 | 53s,80 G | |
| 59 7-17 | | 34″,6 G |

Dates 1800 + — Positions moyennes pour les époques du Catal.

**29181 P. (suite).**

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 20h48m | 107°35′ |
| 79 8-20 | 44s,76 J | 14″,2 J |

**29182 P. — 1209 W1.**

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 20h47m | 103°27′ |
| 44 8-21 | 8s,01 G | |
| 8-25 | 7,71 G | |
| 8-28 | 7,76 G | 19″,3 F |

**29183 P. — 40415 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 20h48m | 88°43′ |
| 55 10-16 | 1s,45 G | 1″,8 G |
| 10-22 | 1,59 G | |
| III. | 20h48m | 88°39′ |
| 71 9-9 | 47s,38 M | 39″,9 M |

**29184 P. — 57 Cygne.**

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 20h47m | 46°11′ |
| 40 9-9 | 45s,76 G | |
| 46 8-17 | 46,08 G | |
| 9-2 | 45,82 G | |
| 48 9-4 | | 50″,2 G |
| 50 8-31 | 46,01 G | 51,9 F |
| 9-4 | 45,95 G | |
| 52 8-6[1] | 46,03 G | |
| II. | 20h48m | 46°8′ |
| 62 7-21 | 17s,68 G | |
| 7-25 | 17,73 G | |
| 7-27 | 17,64 G | |
| 7-30 | 17,79 G | |
| 7-31 | 17,64 G | |
| 9-5 | 17,63 G | |
| 63 8-4 | 17,66 G | |
| 8-6 | 17,81 G | |
| 8-7 | 17,46 G | |
| 8-8[2] | 17,73 G | |
| 8-9 | 17,52 G | |
| 8-10 | 17,70 G | |
| 8-12 | 17,71 G | |
| 8-17 | 17,51 G | |
| 8-24 | 17,64 G | |
| 8-31 | 17,54 G | |
| 9-11 | 17,71 G | |
| 9-12 | 17,60 G | |

[1] Æ diminuée de 23s,95 : erreur d'un rang dans l'ordre des fils observés.
[2] Æ dim. de 0s,60 : erreur de réduct.

**29185 P. — 40462-63 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 20h48m | 48°7′ |
| 66 8-13 | 20s,43 G | |
| 8-22 | 20,40 G | |

**29185 P. (suite).**

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 20h48m | 48°3′ |
| 80 9-2 | 52s,89 G | 44″,3 G |
| 9-9 | 53,18 G | 44,2 G |

**29186 P. — 40471-72 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 20h48m | 45°20′ |
| 67 10-1 | 25s,19 M | 49″,3 M |
| III. | 20h48m | 45°17′ |
| 79 9-11 | 56s,64 G | 27″,4 G |

**29187 P. — 11890 Cambridge.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 20h48m | 62°24′ |
| 58 7-14 | 18s,73 G | |
| 8-16 | 18,77 G | |
| 59 8-22[1] | 18,17 G | |
| 61 9-3 | | 18″,3 G |

[1] Æ non comprise dans la moyenne : fils *très discordants*.

**29188 P. — 40418 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 20h48m | 94°20′ |
| 55 8-27 | 9s,99 G | |
| 58 9-11 | | 35″,3 F |
| 9-27 | | 38,5 F |
| 60 9-19 | 9,78 G | 37,8 G |
| 9-19 | | 38,8 F |
| 61 9-5 | 9,93 G | 36,3 G |

**29189 P. — 40435 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 20h48m | 80°12′ |
| 56 10-18 | | 6″,9 G |
| 57 7-27 | 13s,85 G | |
| 8-6 | 14,03 G | |
| 58 9-15 | 13,60 G | 6,7 G |

**29190 P. — 40432-33 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 20h48m | 83°0′ |
| 56 9-6 | 13s,95 G | 3″,0 G |
| 9-26 | 14,01 G | 4,5 G |

**29191 P. — 40451 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 20h48m | 61°32′ |
| 59 8-16 | | 53″,7 G |
| 61 10-4 | | 52,8 G |

**29191 P. (suite).**

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 20h49m | 61°29′ |
| 79 8-11 | 1s,16 G | 31″,6 G |
| 9-30 | 1,25 J | 31,5 J |

**29192 P. — 40467 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 20h49m | 49°25′ |
| 80 9-13 | 1s,54 G | 25″,5 G |
| 81 9-15 | 1,78 G | 25,3 G |

**29193 P. — 11894 Cambridge.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 20h48m | 62°28′ |
| 57 8-13 | 26s,66 G | |
| 8-22 | 26,64 G | |
| 58 7-14 | 26,50 G | |
| 8-6 | 26,39 G | |
| 8-8 | 26,70 G | |
| 59 8-22 | 26,65 G | |
| 8-23 | 26,60 G | |
| 9-18 | 26,72 G | |
| 10-2 | 26,66 G | |
| 10-22 | 26,66 G | |

**29194 P. — 40410 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 20h48m | 107°46′ |
| 58 8-27 | | 31″,4 G |
| 60 9-6 | 15s,89 G | 32,4 G |
| 9-6 | | 30,2 F |
| III. | 20h49m | 107°43′ |
| 78 8-31 | 6s,72 M | 9″,4 M |
| 9-3 | 6,72 M | 10,1 M |

**29195 P. — 14804 Bonn.**

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 20h48m | 45°12′ |
| 44 9-2 | 8s,52 G | |

**29196 P. — 26569 Mn1.**

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 20h47m | 80°52′ |
| 40 8-20 | | 5″,1 F |

**29197 P. — 40456-57 L.**

32 Petit Renard.

Étoile fondamentale.

**29198 P. — 40447-48 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 20h48m | 73°16′ |
| 57 8-21 | | 15″,2 G |
| 60 9-29 | 33s,81 G | 16,8 G |
| III. | 20h49m | 73°12′ |
| 71 8-27 | 15s,39 G | 54″,8 G |

**29199 P. — 40438 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 20h48m | 94°12′ |
| 55 8-23 | 32s,51 G | 50″,7 G |
| 61 8-27 | 32,54 G | 50,0 G |
| 62 9-13 | 32,55 G | 50,6 G |
| III. | 20h49m | 94°9′ |
| 76 9-23 | 19s,51 G | 28″,3 G |

**29200 P. — 40411 à 13 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 20h47m | 116°52′ |
| 39 8-24 | 34s,07 G | |
| 9-7 | 34,13 G | 55″,2 F |
| 9-9 | 34,23 G | |
| II. | 20h48m | 116°49′ |
| 55 9-7 | 27s,71 G | |
| 56 9-16 | 27,76 G | 39″,3 G |
| 58 8-5 | | 35,7 G |
| 8-15 | | 36,8 G |

**29201 P. — 3326 Gr.**

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 20h48m | 34°0′ |
| 41 7-22 | | 3″,4 F |

**29202 P. — 40444-45 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 20h47m | 86°3′ |
| 39 9-18 | 54s,88 G | |
| 41 8-18 | 54,96 G | |
| II. | 20h48m | 85°59′ |
| 55 10-13 | 40s,07 G | |
| 56 9-27 | 40,46 G | |
| 57 8-13 | | 58″,4 G |
| 8-28 | | 58,6 G |
| III. | 20h49m | 85°56′ |
| 69 10-7 | | 37″,7 G |

Dates 1800 + — Positions moyennes pour les époques du Catal.

### 29203 P. — 2712 Br.

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| I. | 20h 48m | 46° 12' |
| 40 9- 9 | 24s,29 G | |
| 46 7-23 | 23,96 G | |
| 49 9-21 | 24,35 G | |
| 50 8-31[1] | | 7",6 G |
| 52 8- 5[2] | 23,84 G | |

[1] 𝔓 non inscrite au Catal. : err probable de 7",6 demi-distance de deux fils horizontaux.

[2] Æ non comprise dans la moy. : obs. faite a deux fils qui diffèrent entre eux de 1s.

### 29204 P. — 40453-54 L.

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| II. | 20h 48m | 82° 51' |
| 55 10- 2[1] | 55s,03 G | 48",9 G |
| 56 10-21 | | 49,6 G |
| III. | 20h 49m | 82° 48' |
| 71 9-12 | 39s,16 M | 28",3 M |

[1] 𝔓 diminuée de 10': erreur de transcr.

### 29205 P. — 40459 L.

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| I. | 20h 48m | 78° 1' |
| 39 8-21 | 14s,93 G | |
| 8-23 | 14,81 G | 13",0 F |
| 8-28[1] | 14,70 G | |
| 9- 1[1] | 14,48 G | |
| 46 7-28 | 14,71 G | |
| 7-29 | 14,65 G | |
| 8-14 | 14,83 G | |
| 9-13 | 14,87 G | |
| 9-14 | 14,78 G | |
| 11-11 | 14,62 G | 15,2 G |
| 11-14 | 14,73 G | 15,4 G |
| 47 10-11 | | 16,6 F |
| 10-12 | | 14,5 G |
| 10-18 | 14,72 G | |
| 48 9-29 | 14,93 G | |
| 49 8-21 | 14,62 G | |
| 52 11- 6 | 14,96 G | |
| II. | 20h 48m | 77° 57' |
| 56 7-24 | 57s,69 G | |
| 58 9- 6 | | 51",4 G |
| III. | 20h 49m | 77° 54' |
| 73 9-20 | 40s,59 M | |
| 9-23 | 40,63 G | |
| 9-25 | 40,81 G | |
| 79 9-25 | 40,73 G | 28",8 G |
| 80 8-30[2] | 40,75 M | 29,7 M |

[1] Æ augmentée de 1m.

[2] 𝔓 diminuée de 1°.

### 29206 P. — 40461 L.

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| I. | 20h 48m | 76° 51' |
| 46 8-27 | 16s,35 G | |
| 48 6-23 | 16,30 G | |

### 29206 P. (suite).

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| I. | 20h 48m | 76° 51' |
| 48 8-18 | | 56",4 G |
| 49 9-30 | 16s,33 G | |
| 50 8-24 | 16,31 G | |
| 8-30 | 16,41 G | |
| 51 8-14 | 16,25 G | |
| II. | 20h 48m | 76° 48' |
| 58 8-26 | 59s,06 G | 37",0 G |
| 9-27 | 58,82 G | 37,6 G |
| 10- 8 | | 37,6 G |
| 61 10-16[1] | 58,99 G | |
| 11- 3 | 59,03 G | |

[1] Æ diminuée de 1m.

### 29207 P. — 40478 L.

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| II. | 20h 49m | 62° 26' |
| 57 8-26 | 3s,22 G | |
| 58 8-31[1] | 3,27 G | |
| 10-15 | 3,11 G | |
| 11- 4 | 3,32 G | |
| 11-11 | 3,32 G | |
| 59 7-17 | 3,44 G | |
| 7-26 | 3,06 G | |
| 9-18 | 3,23 G | |
| 61 9- 3 | | 17",6 G |
| 10-15 | 3,27 G | |
| III. | 20h 49m | 62° 22' |
| 79 10- 4 | 41s,62 J | 55",4 J |
| 80 9- 6 | 41,79 M | 55,2 M |
| 81 8-24 | 41,89 M | 56,5 M |

[1] Æ augmentée de 4s: erreur de moy.

### 29208 P. — 40495 L.

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| III. | 20h 49m | 49° 46' |
| 80 10- 1 | 42s,33 G | 18",4 G |
| 81 10- 5 | 41,99 G | 19,0 G |

### 29209 P. — 40485 L.

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| II. | 20h 49m | 57° 49' |
| 67 9-11 | | 37",2 G |
| III. | 20h 49m | 57° 46' |
| 80 9- 1 | 42s,46 J | 13",1 J |
| 9-24 | 42,64 M | 13,7 M |
| 81 9-28 | 42,64 M | 13,3 M |
| 9-29 | 42,59 M | 13,4 M |

### 29210 P. — 40501 L.

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| III. | 20h 49m | 45° 21' |
| 80 8-23 | 43s,47 G | 51",0 G |
| 9- 3 | 43,32 G | 50,7 G |

### 29211 P. — 40437 L.

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| II. | 20h 48m | 114° 11' |
| 55 9- 8 | 51s,98 G | |
| 58 8- 4 | | 52",1 G |
| 59 10-17 | | 49,6 G |
| III. | 20h 49m | 114° 8' |
| 79 8-16 | 44s,51 M | 27",9 M |

### 29212 P. — 40446 L.

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| II. | 20h 48m | 97° 48' |
| 55 8-26 | 57s,39 G | |
| 57 7-24 | 57,24 G | |
| 10-16 | 57,36 G | 14",9 G |
| 10-20 | 57,22 G | 14,8 G |

### 29213 P. — 40450 L.

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| II. | 20h 48m | 94° 5' |
| 55 8-17 | | 43",5 G |
| 8-22 | 58s,30 G | |
| 56 7-26 | 58,69 G | 43,3 G |
| III. | 20h 49m | 94° 2' |
| 78 9- 2 | 45s,74 J | 21",4 J |
| 9-19 | 45,82 G | 21,2 G |

### 29214 P. — 40452 L.

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| II. | 20h 48m | 90° 53' |
| 55 9-15 | 59s,79 G | |
| 58 10-31 | | 39",4 G |
| III. | 20h 49m | 90° 50' |
| 79 8-30 | 45s,97 J | 16",7 J |

### 29215 P. — 40494 L.

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| III. | 20h 49m | 53° 24' |
| 81 8-10 | 49s,33 J | 3",1 J |
| 9-18 | 49,07 J | 6,5 J |

### 29216 P. — 40460 L.

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| II. | 20h 49m | 84° 11' |
| 55 11- 2 | 5s,86 G | |
| 56 9- 2 | | 56",7 G |
| III. | 20h 49m | 84° 8' |
| 73 8-23 | 50s,39 M | 33",1 M |

### 29217 P. — 40516 L.

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| I. | 20h 48m | 41° 3' |
| 45 8-13 | 52s,31 G | |

### 29218 P. — 40469 L.

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| II. | 20h 49m | 79° 39' |
| 57 7-23 | 11s,00 G | |
| III. | 20h 49m | 79° 35' |
| 79 9- 3 | 54s,29 G | |
| 9-12 | 54,33 M | 57",4 M |
| 80 9- 1 | 54,37 M | 59,0 M |

### 29219 P. — 40493 L.

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| III. | 20h 49m | 56° 42' |
| 81 9-13 | 54s,59 J | 40",1 J |

### 29220 P. — 40479 et 81 L.

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| II. | 20h 49m | 73° 15' |
| 58 7-21 | | 38",8 G |
| 62 10- 8 | 16s,24 G | |
| III. | 20h 49m | 73° 12' |
| 80 9- 3 | 58s,00 M | 16",0 M |
| 9- 9 | 58,01 M | 20,0 M |

### 29221 P. — 40441 L.

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| II. | 20h 49m | 114° 22' |
| 55 9-19 | 5s,96 G | |
| 57 6-29 | | 49",5 G |
| 8-13 | | 48,2 G |
| III. | 20h 49m | 114° 19' |
| 79 9- 3 | 58s,63 J | 24",2 J |

### 29222 P. — 40490 L.

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| III. | 20h 49m | 65° 14' |
| 81 9-16 | 59s,04 J | 38",7 J |

### 29223 P. — 40455 L.

| A. M. J. | Æ. | 𝔓. |
|---|---|---|
| II. | 20h 49m | 97° 29' |
| 55 10- 5 | 11s,22 G | 19",4 G |
| 59 8- 7 | 11,23 G | 18,2 G |
| III. | 20h 49m | 97° 25' |
| 74 9- 1 | 59s,27 G | |
| 76 9-21 | 59,37 M | 57",0 M |
| 9-22 | 59,30 M | 57,1 M |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜., 𝒟.)

**29224 P. — 40477 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h49m | 76°38' |
| 56 9- 3 | | 56",6 G |
| 61 10-16 | | 57,5 G |
| 67 9- 2 | 19s,28 M | 56,9 M |
| III. | 20h50m | 76°35' |
| 71 8-13 | 1s,79 G | 34",1 G |
| 74 9-14 | 1,76 G | 33,7 G |
| 75 8-10 | | 35,6 G |
| 8-25 | 1,72 G | |

**29225 P. — 40458 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 20h48m | 100°17' |
| 40 8-17 | 31s,17 G | |
| 8-20 | 30,97 G | |
| 10- 6 | | 15",3 F |
| 41 9-29 | 31,02 G | |
| 46 7-20 | 31,29 G | |
| 8-26[1] | 31,07 G | |
| 8-29 | 30,99 G | |
| 9-18 | 31,02 G | |
| 10- 1 | 31,15 G | |
| 10- 3 | 31,09 G | |
| 10-19 | 31,14 G | |
| 10-20 | 31,03 G | |
| 10-21 | 31,07 G | |
| 10-22 | 31,15 G | |
| 10-23 | 31,09 G | |
| 11- 3 | 30,89 G | 15,1 G |
| 11- 4 | 31,01 G | |
| 49 8-11 | | 15,4 G |
| 9- 6 | 31,13 G | |
| 9- 7 | 31,16 G | |
| II. | 20h49m | 100°13' |
| 54 9-11 | 19s,71 G | |
| 58 9-12 | | 55",6 G |
| III. | 20h50m | 100°10' |
| 78 8-16 | 8s,55 G | 31",3 G |
| 8-24 | 8,50 G | 30,8 G |

[1] 𝒜 diminuée de 1s.

**29226 P. — 40473 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h49m | 88°45' |
| 56 8-31 | | 0",0 G |
| 57 10- 2 | 23s,50 G | 1,3 G |
| III. | 20h50m | 88°41' |
| 74 7-30 | 9s,45 M | 37",5 M |

**29227 P. — 377 Piazzi.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 20h50m | 103°39' |
| 68 10- 8 | 11s,56 M | 4",3 M |
| 80 8- 4 | 11,65 M | 3,1 M |
| 9- 2 | 11,64 M | 6,2 M |

**29228 P. — 40468 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h49m | 94°12' |
| 56 8- 3 | 24s,92 G | |
| 61 10-12 | 24,92 G | 29",4 G |
| III. | 20h50m | 94°9' |
| 78 9- 5 | 12s,11 J | 7",3 J |

**29229 P. — 40487 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 20h50m | 77°47' |
| 71 8-28 | 15s,79 G | 11",3 G |
| 74 9- 5 | 15,87 M | 12,6 M |
| 75 8-27 | 15,74 M | 12,1 M |
| 9- 7 | 15,78 M | 12,1 M |

**29230 P. — 40506 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 20h50m | 57°47' |
| 81 10- 1[1] | 17s,25 J | 15",6 J |

[1] 𝒟 augm. de 4",3 : err. de transcription.

**29231 P. — 40519 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h49m | 51°18' |
| 67 8-23 | 45s,49 G | 57",7 G |
| III. | 20h50m | 51°15' |
| 81 10- 1 | 19s,75 M | 34",5 M |

**29232 P. — 40533 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h49m | 44°18' |
| 59 10-16 | | 4",2 G |
| III. | 20h50m | 44°14' |
| 79 9-18 | 21s,87 G | 39",5 G |
| 81 9-30 | 21,77 M | 40,2 M |

**29233 P. — 40484 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h49m | 88°48' |
| 55 9-28 | 40s,67 G | 39",7 G |
| 56 7-29 | | 41,0 G |
| 57 9- 9 | 40,74 G | 41,3 G |
| 10- 2 | 40,56 G | |
| 58 7-13 | | 41,7 G |

**29234 P. — 40483 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 20h50m | 90°33' |
| 69 8-20 | 29s,01 M | 28",1 M |
| 74 9-15 | 28,72 G | 28,6 G |

**29235 P. — 26652 Mn1.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h49m | 90°1' |
| 55 8- 9 | 43s,49 G | |

**29236 P. — 1598 W2.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 20h50m | 51°17' |
| 81 10- 3 | 32s,93 M | 13",4 M |

**29237 P. — 40465 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h49m | 112°5' |
| 55 9-27 | 41s,70 G | |
| 62 9-17 | 41,82 G | 27",4 G |
| III. | 20h50m | 112°2' |
| 81 9-19 | 33s,82 M | 4",8 M |

**29238 P. — 40513 et 15 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h49m | 61°50' |
| 59 9-24 | 56s,70 G | |
| III. | 20h50m | 61°46' |
| 79 9-10 | 34s,82 G | 37",1 G |
| 80 8-27 | 34,62 J | 36,8 J |
| 81 8-22 | 34,97 M | 37,9 M |
| 9-17 | 34,85 M | 37,0 M |

**29239 P. — 40518 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h50m | 63°57' |
| 58 8-27 | 1s,92 G | 32",6 G |
| 9-19 | 2,17 G | |
| 11-12 | | 32,4 G |

**29240 P. — 40476 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h49m | 106°34' |
| 54 8-27 | 49s,86 G | |
| 59 7-17 | | 4",6 G |
| 66 9-17 | 50,14 M | 4,0 M |
| 9-28 | 50,24 M | 4,3 M |
| 10-23 | 50,20 M | 2,5 M |
| III. | 20h50m | 106°30' |
| 68 8-10 | 40s,70 M | 39",7 M |
| 8-11 | 40,52 M | 40,6 M |
| 10- 9 | 40,69 M | 40,2 M |
| 10-12 | 40,64 M | 39,9 M |
| 79 8- 2 | 40,71 J | 40,4 J |

**29241 P. — 40526 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 20h50m | 58°22' |
| 80 9-20 | 43s,54 J | 56",4 J |

**29242 P. — 40539-40 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 20h50m | 47°57' |
| 80 9- 5 | 44s,61 G | 48",2 G |
| 9-20 | 44,25 G | 49,0 G |
| 81 8-22 | 44,42 G | |

**29243 P. — 40496 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h50m | 90°4' |
| 55 8-11 | | 10",1 G |
| 9- 9 | 0s,43 G | |
| 57 7-31 | | 9,0 G |
| III. | 20h50m | 90°0' |
| 78 9- 7 | 46s,76 J | 46",9 J |

**29244 P. — 40527 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 20h50m | 61°54' |
| 81 9-19 | 50s,40 J | 9",3 J |

**29245 P. — 40552 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 20h50m | 44°7' |
| 80 8-30 | 51s,51 G | 30",6 G |
| 9-26 | 51,64 G | 30,6 G |

**29246 P. — 40510 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h50m | 79°33' |
| 57 10-13 | 11s,10 G | 35",5 G |
| III. | 20h50m | 79°30' |
| 79 9-19 | 54s,55 G | 10",7 G |

**29247 P. — 40549 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 20h50m | 47°6' |
| 80 8-27 | 56s,45 G | 33",8 G |
| 9-29 | 56,17 G | 33,8 G |

**29248 P. — 1285 W1.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 20h49m | 77°51' |
| 47 10-18 | 31s,19 G | |

### 29249 P. — 40505 et 07 L.

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h 51^m$ | 85°27′ |
| 57 10- 6[1] | | 24″,4 G |
| 10-12 | $13^s$,89 G | 19,4 G |
| 61 9- 2 | 13,87 G | |
| 62 10- 1[1] | 14,19 G | 15,8 G |

[1] 𝒫 non comprise dans la moy. : notée *très faible*.

### 29250 P. — 40497 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $20^h 49^m$ | 98°18′ |
| 40 8-29 | | 24″,3 F |
| II. | $20^h 50^m$ | 98°14′ |
| 55 9- 6 | $10^s$,64 G | 58″,5 G |
| III. | $20^h 50^m$ | 98°11′ |
| 74 8-31 | $59^s$,02 G | 36″,4 G |

### 29251 P. — 40535 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $20^h 51^m$ | 62°58′ |
| 81 9-17 | $1^s$,30 J | 25″,6 J |
| 9-28 | 1,57 J | 27,4 J |

### 29252 P. — 40488 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h 50^m$ | 111°52′ |
| 58 8- 5 | | 17″,7 G |
| III. | $20^h 51^m$ | 111°48′ |
| 79 9-25 | $1^s$,85 J | 54″,9 J |

### 29253 P. — 40508 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h 50^m$ | 89°56′ |
| 55 9-26 | $19^s$,22 G | |
| III. | $20^h 51^m$ | 89°52′ |
| 79 9- 8 | $5^s$,40 J | 41″,2 J |
| 80 8-27 | 5,48 M | 42,6 M |

### 29254 P. — 40504 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h 50^m$ | 92°47′ |
| 55 8-20 | | 1″,9 G |
| III. | $20^h 51^m$ | 92°43′ |
| 76 9-19 | $7^s$,00 G | 39″,9 G |
| 9-21 | 7,02 G | 39,5 G |
| 9-22 | 6,93 G | 38,9 G |

### 29255 P. — 40511, 12 et 14 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h 50^m$ | 85°10′ |
| 58 8- 1 | | 31″,6 G |
| 8-12 | $22^s$,73 G | 30,8 G |
| 60 9-12 | 22,81 G | 32,5 G |
| 61 9-27 | | 29,9 G |
| 10- 2 | 22,86 G | 32,7 G |
| 63 8- 6 | 22,68 M | 31,6 M |

### 29256 P. — 40499-500 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $20^h 49^m$ | 102°32′ |
| 39 9- 7[1] | | 51″,2 F |
| 47 11-13 | $33^s$,00 G | |
| II. | $20^h 50^m$ | 102°29′ |
| 54 8-28 | $22^s$,21 G | |
| 60 8- 9 | 22,40 G | 31″,2 G |
| 8-16 | 22,40 G | 32,1 F |
| 61 10- 3 | 22,29 G | 31,0 G |
| 10- 9 | 22,41 G | 29,6 G |
| 10-14 | 22,42 G | 30,0 G |
| III. | $20^h 51^m$ | 102°26′ |
| 78 8-12 | $11^s$,80 G | 5″,4 G |

[1] 𝒫 augmentée de 5′.

### 29257 P. — 40532 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h 50^m$ | 73°26′ |
| 56 9-14 | $32^s$,18 G | 18″,6 G |
| 57 8-21 | | 18,2 G |
| III. | $20^h 51^m$ | 73°22′ |
| 79 8- 1 | $13^s$,91 G | 55″,7 G |

### 29258 P. — 40530 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h 50^m$ | 79°21′ |
| 58 8- 3 | | 34″,8 G |
| 8-24[1] | $34^s$,36 G | 34,9 G |
| 9- 8 | | 35,8 F |
| 62 9-16 | 34,45 G | 35,1 G |

[1] 𝒜 augmentée de $0^s$,36 : err. de moy.

### 29259 P. — 4581 A + 13°.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h 50^m$ | 76°48′ |
| 58 9-27 | $35^s$,71 G | 49″,2 G |

### 29260 P. — 40563 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h 50^m$ | 54°9′ |
| 66 9- 5 | $52^s$,83 G | |
| 9-15 | 52,56 G | |

### 29260 P. (suite).

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $20^h 51^m$ | 54°6′ |
| 80 9-13 | $28^s$,16 J | 3″,9 J |
| 10-10 | 27,93 J | 3,9 J |

### 29261 P. — 40544 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h 50^m$ | 66°51′ |
| 58 9-14 | $49^s$,26 G | 43″,9 G |
| III. | $20^h 51^m$ | 66°48′ |
| 71 8-26 | $29^s$,26 M | 20″,5 M |
| 8-26 | 29,02 G | 20,2 G |

### 29262 P. — 76 Dragon.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $20^h 53^m$ | 8°2′ |
| 43 9-10 | $26^s$,02 G | 54″,3 F |
| 10-17 | 26,42 G | |
| 48 7-17 | 26,68 G | |
| 49 7-26 | 27,03 G | |
| 52 12-26 I | 26,01 G | |
| 53 3- 1 I | 26,93 G | |
| 9-12 | 26,22 G | |
| 9-17 | 26,75 G | |
| 9-19 | 26,82 G | |
| 9-24 | 26,86 G | |
| 10-24 | 26,71 G | |

### 29263 P. — 401 Piazzi.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $20^h 50^m$ | 46°13′ |
| 48 10-26 | $28^s$,45 G | |
| 52 8- 6 | 28,86 G | |

### 29264 P. — 40534 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $20^h 50^m$ | 86°23′ |
| 39 8-21 | $2^s$,89 G | |
| 8-23 | 2,75 G | 52″,7 F |
| 8-24 | 2,81 G | |
| 8-28 | 2,80 G | |
| 8-29 | 2,66 G | |
| 9- 1 | 2,50 G | |
| 40 9-16 | 2,71 G | |
| II. | $20^h 50^m$ | 86°20′ |
| 55 10-15 | $47^s$,77 G | 28″,6 G |
| III | $20^h 51^m$ | 86°17′ |
| 69 10- 5 | | 8″,1 G |
| 74 9-19 | $33^s$,02 M | 6,5 M |
| 75 8-17 | 33,15 M | 6,6 M |
| 9-14 | 32,96 M | 6,7 M |

### 29265 P. — 40543 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $20^h 51^m$ | 72°17′ |
| 71 9- 5 | $33^s$,55 G | |
| 74 9-18 | 33,70 G | |
| 9-19 | 33,77 G | |

### 29266 P. — 40581 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $20^h 50^m$ | 43°10′ |
| 40 9-12 | | 28″,1 F |
| 46 8-15 | | 27,0 G |
| 8-18 | $35^s$,81 G | |
| 9-10 | 36,05 G | |
| 9-16 | 36,01 G | |
| 9-25 | | 27,5 G |
| 10- 7 | | 25,4 G |
| 10-18 | 35,79 G | |
| 11- 4 | | 27,1 G |
| 48 9-15 | 35,94 G | |
| 9-17 | 35,80 G | |
| 53 8- 7 | 35,52 G | |

### 29267 P. — 40583 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $20^h 51^m$ | 43°22′ |
| 81 8-24 | $39^s$,33 G | 44″,7 G |
| 8-27 | 39,77 G | 43,7 G |

### 29268 P. — 40521 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h 50^m$ | 103°54′ |
| 54 8-30 | $51^s$,22 G | |
| 9- 2 | 51,09 G | 2″,6 G |
| 59 10-17 | 51,56 G | |
| III. | $20^h 51^m$ | 103°50′ |
| 78 8-16 | $41^s$,21 M | 42″,7 M |
| 9- 2 | 41,13 M | 40,7 M |

### 29269 P. — 21004 A. O.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h 50^m$ | 115°54′ |
| 67 8-19[1] | $48^s$,45 M | 38″,7 M |
| 9- 6 | 48,48 M | 39,8 M |
| 9-12 | 48,37 M | 41,4 M |
| III. | $20^h 51^m$ | 115°51′ |
| 70 8-24 | $41^s$,79 M | 18″,2 M |

[1] 𝒫 diminuée de 5′.

### 29270 P. — 40550 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $20^h 51^m$ | 72°14′ |
| 57 10- 3 | $1^s$,22 G | 25″,6 G |
| III. | $20^h 51^m$ | 72°11′ |
| 79 9-10 | $42^s$,55 J | 1″,9 J |

Dates 1800 + — Positions moyennes pour les époques du Catal.

### 29271 P. — 40576-77 L.

| A. | M. J. | Æ. | Ꝑ. |
|---|---|---|---|
| | | II. | |
| | | $20^{h}51^{m}$ | 47°45' |
| 66 | 8-23 | $13^{s},61$ G | |
| | | III. | |
| | | $20^{h}51^{m}$ | 47°42' |
| 80 | 9- 6 | $45^{s},99$ G | 34",2 G |
| | 9-24 | 45,99 G | 35,1 G |

### 29272 P. — 1300 W₁.

| A. | M. J. | Æ. | Ꝑ. |
|---|---|---|---|
| | | II. | |
| | | $20^{h}51^{m}$ | 82°8' |
| 56 | 9- 6 | $2^{s},45$ G | |

### 29273 P. — 40522 L.

| A. | M. J. | Æ. | Ꝑ. |
|---|---|---|---|
| | | II. | |
| | | $20^{h}50^{m}$ | 105°1' |
| 54 | 9- 3 | $56^{s},24$ G | |
| 58 | 9-13 | | 17",0 G |
| 67 | 9-24 | 56,47 M | 15,7 M |

### 29274 P. — 40537 L.

| A. | M. J. | Æ. | Ꝑ. |
|---|---|---|---|
| | | II. | |
| | | $20^{h}51^{m}$ | 92°18' |
| 56 | 8-24 | $4^{s},46$ G | |
| 58 | 8-20 | 4,31 G | 44",2 G |
| | 9- 5 | 4,27 G | 45,4 G |
| | 9- 8 | 4,38 G | 46,0 G |
| | 9- 9 | | 45,2 F |
| | | III. | |
| | | $20^{h}51^{m}$ | 92°15' |
| 78 | 9-20 | $50^{s},88$ G | |
| | 9-21 | 50,89 G | |

### 29275 P. — 40545 L.

| A. | M. J. | Æ. | Ꝑ. |
|---|---|---|---|
| | | II. | |
| | | $20^{h}51^{m}$ | 83°38' |
| 56 | 9- 4 | $8^{s},32$ G | 27",0 G |
| | | III. | |
| | | $20^{h}51^{m}$ | 83°35' |
| 71 | 9-12 | $53^{s},05$ M | 3",5 M |

### 29276 P. — 40542 L.

| A. | M. J. | Æ. | Ꝑ. |
|---|---|---|---|
| | | II. | |
| | | $20^{h}51^{m}$ | 92°27' |
| 56 | 7-31 | $9^{s},08$ G | |
| 58 | 9-11 | | 46",8 F |
| 61 | 10- 5 | | 47,6 G |
| | 10-10 | 9,02 G | 49,6 G |

### 29277 P. — 40546 L.

| A. | M. J. | Æ. | Ꝑ. |
|---|---|---|---|
| | | II. | |
| | | $20^{h}51^{m}$ | 85°45' |
| 56 | 9- 5 | $11^{s},40$ G | |
| 57 | 9-22 | 11,43 G | |

### 29277 P. (suite).

| A. | M. J. | Æ. | Ꝑ. |
|---|---|---|---|
| | | III. | |
| | | $20^{h}51^{m}$ | 85°41' |
| 73 | 8-23 | $56^{s},51$ M | 37",8 M |
| 75 | 8-10 | 56,60 M | 38,0 M |
| | 9- 2 | 56,59 M | 38,9 M |

### 29278 P. — 40529 L.

| A. | M. J. | Æ. | Ꝑ. |
|---|---|---|---|
| | | II. | |
| | | $20^{h}51^{m}$ | 109°27' |
| 54 | 9- 4 | $5^{s},61$ G | |
| 56 | 8- 1 | | 5",4 G |
| | | III. | |
| | | $20^{h}51^{m}$ | 109°23' |
| 78 | 9-11 | $56^{s},85$ M | 45",0 M |
| | 9-24 | 56,70 M | 44,2 M |

### 29279 P. — 5819 Sf. — 18°.

| A. | M. J. | Æ. | Ꝑ. |
|---|---|---|---|
| | | III. | |
| | | $20^{h}52^{m}$ | 108°20' |
| 68 | 9- 2 | $1^{s},27$ M | 39",4 M |
| | 9- 3 | 1,13 M | 36,8 M |
| | 9- 4 | 1,16 M | 33,6 M |

### 29280 P. — 40561 L.

| A. | M. J. | Æ. | Ꝑ. |
|---|---|---|---|
| | | III. | |
| | | $20^{h}52^{m}$ | 77°56' |
| 71 | 9-12 | $4^{s},96$ G | |
| 79 | 9-18 | 4,70 J | 23",7 J |
| | 9-27 | 4,66 J | 23,4 J |
| | 9-30 | 4,68 J | 23,8 J |

### 29281 P. — 40524 L.

| A. | M. J. | Æ. | Ꝑ. |
|---|---|---|---|
| | | II. | |
| | | $20^{h}51^{m}$ | 117°33' |
| 58 | 8-15 | | 21",4 G |
| | 8-27 | | 20,8 F |
| 59 | 10-17 | | 21,5 G |
| 60 | 9- 6 | $12^{s},09$ G | 21,1 G |
| | | III. | |
| | | $20^{h}52^{m}$ | 117°29' |
| 79 | 10- 3 | $5^{s},57$ J | 60",8 J |
| 80 | 8- 9 | 5,58 M | 56,4 M |

### 29282 P. — 40610 L.

| A. | M. J. | Æ. | Ꝑ. |
|---|---|---|---|
| | | II. | |
| | | $20^{h}51^{m}$ | 45°36' |
| 66 | 8-18 | $38^{s},59$ G | |
| | | III. | |
| | | $20^{h}52^{m}$ | 45°33' |
| 68 | 10-22 | $10^{s},08$ M | 18",4 M |
| 75 | 8-27 | 10,37 G | 15,6 G |

### 29283 P. — 40564-65 L.

| A. | M. J. | Æ. | Ꝑ. |
|---|---|---|---|
| | | I. | |
| | | $20^{h}50^{m}$ | 79°57' |
| 40 | 8-20 | | 24",2 F |

### 29283 P. (suite).

| A. | M. J. | Æ. | Ꝑ. |
|---|---|---|---|
| | | II. | |
| | | $20^{h}51^{m}$ | 79°53' |
| 56 | 10- 5 | $27^{s},26$ G | |
| 57 | 8-28 | | 58",2 G |
| | 10-24 | | 58,0 G |

### 29284 P. — 40562 L.

| A. | M. J. | Æ. | Ꝑ. |
|---|---|---|---|
| | | II. | |
| | | $20^{h}51^{m}$ | 82°1' |
| 61 | 9-30 | | 24",6 G |
| | | III. | |
| | | $20^{h}52^{m}$ | 81°57' |
| 79 | 9-12 | $10^{s},70$ G | 59",3 G |
| 81 | 7-27 | 10,84 M | 59,1 M |
| | 9-15 | 10,71 M | 59,0 M |

### 29285 P. — 40541 L.

| A. | M. J. | Æ. | Ꝑ. |
|---|---|---|---|
| | | II. | |
| | | $20^{h}51^{m}$ | 103°45' |
| 54 | 9- 6 | $22^{s},33$ G | |
| | | III. | |
| | | $20^{h}52^{m}$ | 103°41' |
| 78 | 10- 2 | $12^{s},13$ M | 53",9 M |
| 79 | 8-12 | 12,21 M | 54,0 M |

### 29286 P. — 40572 L.

| A. | M. J. | Æ. | Ꝑ. |
|---|---|---|---|
| | | I. | |
| | | $20^{h}50^{m}$ | 64°11' |
| 40 | 9-21 | | 37",9 F |
| 47 | 10-11 [1] | $53^{s},88$ G | |
| | | II. | |
| | | $20^{h}51^{m}$ | 64°8' |
| 58 | 8-10 | $33^{s},06$ G | 11",5 G |
| | | III. | |
| | | $20^{h}52^{m}$ | 64°4' |
| 71 | 9-20 | $12^{s},09$ G | |
| | 10-17 | 12,10 G | |
| 74 | 9-14 | 12,34 M | 45",6 M |

[1] Indiquée à tort au tome VII comme 18 Dauphin (distance des fils).

### 29287 P. — 40551 L.

| A. | M. J. | Æ. | Ꝑ. |
|---|---|---|---|
| | | II. | |
| | | $20^{h}51^{m}$ | 94°22' |
| 55 | 8-17 | | 52",7 G |
| | 8-26 | $25^{s},18$ G | |
| 57 | 8- 9 | 25,31 G | |
| | | III. | |
| | | $20^{h}52^{m}$ | 94°19' |
| 68 | 8-28 | $12^{s},37$ M | 26",1 M |
| | 8-29 | 12,45 M | 26,9 M |

### 29288 P. — 40588 L.

| A. | M. J. | Æ. | Ꝑ. |
|---|---|---|---|
| | | II. | |
| | | $20^{h}51^{m}$ | 55°13' [1] |
| 66 | 9-10 | $37^{s},75$ G | |
| 67 | 8- 5 | 37,75 G | 34",4 G |

[1] Ꝑ diminuée de 1° : erreur de transcr.

### 29289 P. — 40536 L.

| A. | M. J. | Æ. | Ꝑ. |
|---|---|---|---|
| | | II. | |
| | | $20^{h}51^{m}$ | 110°58' |
| 55 | 7-19 | | 59",9 G |
| | | III. | |
| | | $20^{h}52^{m}$ | 110°55' |
| 79 | 8-12 | $14^{s},61$ J | 36",8 J |
| | 8-20 | 14,42 J | 37,0 J |
| | 9-22 [1] | 14,65 J | 35,9 J |

[1] Æ dim. de $0^{s},78$ : err. de réduct.

### 29290 P. — 40557 L.

| A. | M. J. | Æ. | Ꝑ. |
|---|---|---|---|
| | | II. | |
| | | $20^{h}51^{m}$ | 93°51' |
| 55 | 8-27 | $30^{s},73$ G | |
| 57 | 10-20 | 30,80 G | 23",3 G |
| | | III. | |
| | | $20^{h}52^{m}$ | 93°47' |
| 76 | 8- 7 | $17^{s},89$ G | 59",4 G |
| | 8-10 | 17,86 G | 59,9 G |
| | 9-23 | 17,76 G | 58,1 G |

### 29291 P. — 40627 L.

| A. | M. J. | Æ. | Ꝑ. |
|---|---|---|---|
| | | I. | |
| | | $20^{h}51^{m}$ | 41°23' |
| 46 | 7-23 [1] | $22^{s},20$ G | |
| 49 | 9-15 | 21,77 G | |
| 50 | 9- 7 | | 55",2 G |
| | | III. | |
| | | $20^{h}52^{m}$ | 41°17' |
| 80 | 9-15 | $20^{s},47$ G | 4",9 G |
| 81 | 9-17 | 20,47 G | 1,9 G |

[1] Æ non compr. dans la moy. : trois fils ont été corrigés arbitrairement.

### 29292 P. — 40567-68 L.

| A. | M. J. | Æ. | Ꝑ. |
|---|---|---|---|
| | | I. | |
| | | $20^{h}50^{m}$ | 79°45' |
| 41 | 9- 8 | $58^{s},10$ G | |
| 46 | 8-14 | 57,94 G | |
| | 8-21 | | 17",6 G |
| | 8-22 | 58,08 G | |
| | 9-15 | 57,94 G | |
| | 11-14 | 58,00 G | |
| 48 | 6-23 [1] | 57,90 G | |
| 50 | 8-30 | 58,03 G | |
| 51 | 7-14 | 58,02 G | |
| | | II. | |
| | | $20^{h}51^{m}$ | 79°41' |
| 56 | 7-24 | $41^{s},39$ G | |
| | 9-20 | 41,23 G | |
| 57 | 10- 9 | | 53",4 G |
| 58 | 9- 6 | | 54,5 G |
| | 10- 8 | | 54,5 G |

[1] Æ diminuée de $1^{m}$.

Dates 1800+ — Positions moyennes pour les époques du Catal.

### 29293 P. — 40566 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20h51m | 81°44′ |
| 56 | 9-26 | 41s,40 G | 17",9 G |

### 29294 P. — 40553-54 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20h51m | 101°15′ |
| 61 | 10-19 | 37s,94 G | 11",4 G |
| 62 | 9-18 | 37,76 G | 11,8 G |
| | | III. | |
| | | 20h52m | 101°11′ |
| 78 | 9-21 | 26s,79 M | 47",3 M |

### 29295 P. — 40585 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20h51m | 66°17′ |
| 58 | 8-30 | 47s,29 G | |
| 59 | 7-25 | | 9",9 G |
| | | III. | |
| | | 20h52m | 66°13′ |
| 79 | 9- 3 | 26s,93 G | 42",2 G |

### 29296 P. — 40560 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20h51m | 97°26′ |
| 55 | 8-15 | 39s,24 G | 45",5 G |
| | | III. | |
| | | 20h52m | 97°23′ |
| 71 | 9- 1 | 27s,40 G | 21",6 G |
| 76 | 9-21 | 27,38 M | 21,8 M |
| | 9-22 | 27,16 M | 22,0 M |

### 29297 P. — 40548 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 20h50m | 109°37′ |
| 39 | 9- 9 | 47s,24 G | |
| | 9-18 | 47,09 G | |
| 41 | 9-29 | 47,08 G | |
| 46 | 8-23 | | 56",4 G |
| | 9-25 | 47,15 G | |
| | 9-26 | 47,13 G | 54,9 G |
| | 10- 1 | 47,09 G | |
| | 10- 3 | 47,18 G | |
| | 10- 7 | 47,13 G | |
| | 10-10 | 47,15 G | |
| | 10-18 | | 56,9 G |
| | 10-19 | 47,16 G | |
| | 10-21 | 47,15 G | |
| | 10-22 | 47,20 G | |
| | 10-23 | 47,13 G | |
| | 10-27 | 47,14 G | |
| 49 | 9-25 | | 55,3 G |
| | 10- 4 | 47,30 G | |
| 50 | 9- 4 | 47,09 G | |
| 52 | 9- 3 | 47,29 G | |

### 29297 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20h51m | 109°34′ |
| 54 | 9- 8 | 38s,52 G | |
| 58 | 9-27 | | 31",4 F |
| 60 | 8-17 | 38,46 G | |
| | 9-19 | 38,32 G | 32,0 G |
| | 9-19 | | 31,5 F |
| | 10- 4 | | 32,9 G |
| | 10- 6 | 38,46 G | 32,1 G |
| 61 | 9- 1 | 38,55 G | |

### 29298 P. — 40619 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 20h51m | 49°25′ |
| 37 | 11-29 | | 36",7 F |
| | 11-30 | | 36,9 F |
| 38 | 8-15 | | 38,0 F |
| | 12-14 | | 38,8 F |
| 41 | 8- 7 | 23s,79 G | |
| | 8-18 | | 36,1 F |
| | 8-29 | 23,89 G | |
| 42 | 10- 3 | 23,88 G | |
| 47 | 5- 6 | 23,75 G | |
| 52 | 12-10 | 23,98 G | |
| | 12-15 | 24,08 G | |
| | | II. | |
| | | 20h51m | 49°22′ |
| 62 | 7-21 | 57s,19 G | |
| | 7-25 | 57,27 G | |
| | 7-27 | 57,31 G | |
| | 7-30 | 57,32 G | |
| | 7-31 | 57,19 G | |
| | 9- 5 | 57,31 G | |
| 63 | 8- 4 | 57,19 G | |
| | 8- 6 | 57,19 G | |
| | 8- 7 | 56,99 G | |
| | 8- 8 | 57,11 G | |
| | 8- 9 | 57,06 G | |
| | 8-10 | 57,06 G | |
| | 8-12 | 57,28 G | |
| | 8-17 | 57,19 G | |
| | 9-11 | 57,25 G | |
| | 9-12 | 57,27 G | |
| 64 | 7-30 | 57,25 G | |
| | 8- 3 | 57,31 G | |
| | 8- 6 | 57,40 G | |
| | 8- 8 | 57,37 G | |
| | 8-11 | 57,23 G | |
| | 8-16 | 57,21 G | |
| | 8-26 | | 13",2 G |
| | 8-28 | 57,11 G | |
| | 8-29 | 57,13 G | |
| | 9-11 | 57,19 G | |
| | 9-12 | 57,23 G | |
| | 9-17 | 57,16 G | |
| | 9-22 | 57,07 G | |
| | 9-23 | 57,19 G | |
| | 9-30 | 57,31 G | |
| | 10- 1 | 57,28 G | |
| 65 | 8-26 | | 13,3 G |
| | 8-30 | | 13,2 G |
| | 9- 1 | 57,42 G | |
| | 9- 5 | 57,27 G | |
| | 9-15 | | 13,2 G |
| | 9-16 | | 13,5 G |
| | | III. | |
| | | 20h52m | 49°18′ |
| 72 | 7-19 | 30s,70 G | |
| | 7-21 | 30,81 G | |
| | 9- 8 | 30,76 G | |

### 29298 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 20h52m | 49°18′ |
| 80 | 8-13 | 30,85 G | 47",1 G |
| | 8-26 | 30,74 J | 48,2 J |
| | 10-18 | 30,83 G | 47,9 G |

### 29299 P. — 8740 Rümker.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 20h51m | 45°16′ |
| 44 | 9- 2 | 28s,20 G | |
| | 9- 3 | 28,20 G | |

### 29300 P. — 40559 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20h51m | 109°47′ |
| 54 | 9-19 | 42s,67 G | |
| 61 | 8- 5 | 42,75 G | |
| 62 | 9-15 | 42,85 G | 41",1 G |
| | 9-20 | 42,75 G | 41,3 G |
| | 9-22 | 42,71 G | 40,2 G |

### 29301 P. — 5485 Sf. — 11°.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 20h52m | 101°11′ |
| 78 | 8-24 | 33s,09 M | 3",2 M |

### 29302 P. — 40584 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20h51m | 73°15′ |
| 58 | 9-12 | | 57",2 G |
| | | III. | |
| | | 20h52m | 73°12′ |
| 71 | 8-13 | 35s,82 G | 30",7 G |
| 74 | 9-15 | 35,67 M | 31,1 M |
| 75 | 9- 6 | 35,64 M | 31,7 M |
| | 9- 8 | 35,63 M | 31,9 M |

### 29303 P. — 1641 $W_2$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20h51m | 72°20′ |
| 58 | 8-16 | 59s,43 G | |

### 29304 P. — 40570 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 20h51m | 68°16′ |
| 41 | 8-27 | 20s,67 G | |
| | 8-28 | 20,63 G | |
| | 8-30 | 20,59 G | |
| 50 | 8-31 | 20,84 G | |
| | | II. | |
| | | 20h52m | 68°12′ |
| 58 | 9-16 | 0s,73 G | 48",5 G |
| 59 | 8-12 | 0,85 G | 46,9 G |
| | 8-16 | | 48,2 G |

### 29304 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 20h52m | 68°9′ |
| 79 | 8-30 | 41s,11 G | 23",3 G |
| | 9- 1 | 40,95 G | 21,3 G |

### 29305 P. — 40600 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20h52m | 66°38′ |
| 58 | 9-17 | 1s,78 G | |
| 61 | 10-18 | 1,66 G | |
| | | III. | |
| | | 20h52m | 66°35′ |
| 79 | 8-11 | 41s,50 G | 13",7 G |
| | 9-22 | 41,37 G | 13,4 G |
| | 9-24 | 41,23 G | 12,0 G |
| | 9-25 | 41,31 G | 13,0 G |

### 29306 P. — 40587 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20h52m | 74°6′ |
| 58 | 7-19 | 1s,13 G | |
| | | III. | |
| | | 20h52m | 74°2′ |
| 71 | 8-22 | 43s,09 G | |
| | 8-23 | 43,01 M | 43",9 M |

### 29307 P. — 40575 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20h51m | 84°12′ |
| 55 | 11- 2 | 59s,32 G | |
| 58 | 7-13 | | 20",8 G |
| | | III. | |
| | | 20h52m | 84°8′ |
| 79 | 8-30 | 44s,01 J | 55",6 J |
| | 9- 4 | 44,03 J | 56,1 J |

### 29308 P. — 40601 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20h52m | 67°29′ |
| 58 | 8- 6 | 4s,85 G | 35",7 G |
| | | III. | |
| | | 20h52m | 67°26′ |
| 80 | 6-26 | 45s,04 G | |
| | 9- 6 | 44,92 M | 8",8 M |

### 29309 P. — 40612 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 20h52m | 61°5′ |
| 80 | 9- 8 | 44s,89 J | 15",1 J |
| | 9- 9 | 44,98 J | 15,8 J |
| 81 | 10- 3 | 45,20 J | 14,7 J |

Dates 1800 + — Positions moyennes pour les époques du Catal.

**29310 P. — 40648 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | III. | |
| | $20^h 52^m$ | 43° 56′ |
| 81 9-30 | $45^s,03$ G | 7″,0 G |

**29311 P. — 40558 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h 51^m$ | 113° 14′ |
| 55 9-19 | $52^s,95$ G | |
| 58 8- 4 | | 43″,0 G |
| | III. | |
| | $20^h 52^m$ | 113° 11′ |
| 79 10- 4 | $45^s,10$ J | 18″,1 J |
| 10- 6 | 45,17 J | 19,6 J |

**29312 P. — 40589 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h 52^m$ | 75° 36′ |
| 58 9-11 [1] | $4^s,23$ G | 27″,3 G |
| | III. | |
| | $20^h 52^m$ | 75° 33′ |
| 71 9- 2 | $46^s,86$ G | 2″,5 G |

[1] Æ augmentée de $0^s,20$ : suppression d'un fil erroné.

**29313 P. — 40615 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | III. | |
| | $20^h 52^m$ | 61° 12′ |
| 80 9-26 | $47^s,46$ J | 19″,7 J |
| 9-27 | 47,45 J | 19,2 J |

**29314 P. — 1647 W$_2$.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h 52^m$ | 66° 18′ |
| 58 8-30 | $8^s,14$ G | |

**29315 P. — 5825 Sf. — 18°.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | III. | |
| | $20^h 52^m$ | 108° 50′ |
| 68 8-13 | $49^s,13$ M | 24″,7 M |
| 80 8-30 | 49,36 M | 23,0 M |
| 9- 3 [1] | 49,01 M | 16,8 M |

[1] 𝒫 non comprise dans la moy.

**29316 P. — 4494 A + 14°.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h 52^m$ | 75° 24′ |
| 59 7-31 | $7^s,46$ G | |

**29317 P. — 40578-79 L.**

Étoile double à composantes extrêmement rapprochées et formant avec 40580-82 Lal. un système triple.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | I. | |
| | $20^h 51^m$ | 86° 17′ |
| 39 8-21 | $19^s,74$ G | |
| 8-23 [1] | 19,74 G | 50″,0 F |
| 8-24 | 19,71 G | |
| 40 9-16 | 19,67 G | |
| 10- 6 | 19,69 G | |
| 44 11-15 | 19,62 G | |
| 53 9- 4 [1] | | 51,7 F |
| 9-10 [1] | | 49,9 F |
| 9-11 | | 52,3 F |
| 9-17 | | 53,0 F |
| 9-19 | | 53,5 F |
| 10-12 | 19,66 G | |
| 10-13 | 19,64 G | |
| 10-14 | 19,51 G | |
| | II. | |
| | $20^h 52^m$ | 86° 14′ |
| 55 10-16 | $4^s,69$ G | 27″,1 G |
| 56 8-26 [1] | | 26,4 G |
| | III. | |
| | $20^h 52^m$ | 86° 11′ |
| 71 9-18 | $49^s,71$ M | 3″,7 M |

[1] Observations de dist. pol. non comprises dans la moyenne; elles paraissent, à défaut d'indication précise, se rapporter au milieu du système formé par les deux étoiles 40578-79 L. et 40580-82 L.

**29318 P. — 40635 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h 52^m$ | 50° 52′ |
| 67 8-24 | $16^s,29$ G | 33″,6 G |
| | III. | |
| | $20^h 52^m$ | 50° 49′ |
| 79 9-16 | $50^s,52$ G | 7″,6 G |

**29319 P. — 40620-21 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h 52^m$ | 59° 14′ |
| 67 9-11 | | 20″,0 G |
| | III. | |
| | $20^h 52^m$ | 59° 10′ |
| 68 8- 4 | $51^s,71$ G | |
| 69 9-17 | 51,56 M | 55″,1 M |
| 74 9-14 | 51,65 G | 54,1 G |
| 9-24 | 51,72 M | 55,5 M |
| 75 8-25 | 51,57 G | |
| 9- 7 | 51,65 M | 55,5 M |

**29320 P. — 40555-56 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h 51^m$ | 117° 52′ |
| 55 7-21 | $58^s,12$ G | |
| 56 9-16 | 57,89 G | 58″,9 G |

**29320 P. (suite).**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | III. | |
| | $20^h 52^m$ | 117° 49′ |
| 80 9- 9 | $51^s,83$ M | 32″,5 M |

**29321 P. — 40645-46 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h 52^m$ | 48° 5′ |
| 59 10- 3 | $20^s,68$ G | |
| 61 10-13 | 20,64 G | |
| 62 9-17 | 20,48 G | 42″,4 G |
| 67 10- 5 | 20,78 M | 42,8 M |

**29322 P. — 2727 Br.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | I. | |
| | $20^h 52^m$ | 33° 42′ |
| 41 7-22 | | 27″,5 F |
| 46 11-11 [1] | | 26,8 G |
| 43 10-28 | $8^s,08$ G | |
| 11- 9 | 8,26 G | |
| 11-10 | 8,25 G | |
| 11-22 | 8,18 G | 26,7 G |

[1] 𝒫 diminuée de 1° : erreur de réduct.

**29323 P. — 40605 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h 52^m$ | 74° 6′ |
| 57 8-21 | | 56″,3 G |
| 58 9-18 | | 57,1 G |
| 60 9-29 | $15^s,26$ G | 58,4 G |
| | III. | |
| | $20^h 52^m$ | 74° 3′ |
| 71 8-19 | $57^s,15$ G | |
| 9-14 | 57,23 G | |
| 9-15 | 57,34 G | 31″,6 G |

**29324 P. — 40626 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h 52^m$ | 60° 8′ |
| 58 7-14 | $23^s,04$ G | 40″,9 G |
| 59 9- 1 | 22,95 G | 40,8 G |
| 9-18 | 22,86 G | 40,8 G |

**29325 P. — 40647 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h 52^m$ | 50° 25′ |
| 67 8-27 | $26^s,63$ G | 20″,5 G |
| | III. | |
| | $20^h 53^m$ | 50° 21′ |
| 69 9-23 | $0^s,77$ M | 54″,5 M |

**29326 P. — 40571 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | I. | |
| | $20^h 51^m$ | 103° 39′ |
| 39 9- 7 | $23^s,44$ G | 1″,6 F |
| 40 10-30 | 23,36 G | |

**29326 P. (suite).**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | I. | |
| | $20^h 51^m$ | 103° 39′ |
| 46 7-20 | $23^s,54$ G | |
| 11- 3 | 23,41 G | |
| 11- 4 | 23,37 G | |
| 47 8-31 | | 1″,8 F |
| 49 9- 7 | 23,53 G | |
| 51 8-22 | 23,43 G | |
| 9- 7 | 23,41 G | |
| 52 11- 6 | 23,69 G | |
| | II. | |
| | $20^h 52^m$ | 103° 35′ |
| 54 9-25 | $12^s,84$ G | |
| 62 9-14 | 12,93 G | 35″,2 G |
| | III. | |
| | $20^h 53^m$ | 103° 32′ |
| 78 8-16 | $2^s,60$ G | 10″,7 G |
| 8-24 | 2,56 G | 9,4 G |

**29327 P. — 40586 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h 52^m$ | 92° 0′ |
| 55 9-15 | $17^s,25$ G | |
| 9-16 | 17,22 G | |
| 56 8-23 | | 27″,2 G |
| 65 9-20 | 17,44 M | 30,1 M |
| | III. | |
| | $20^h 53^m$ | 91° 57′ |
| 76 8-16 | $3^s,49$ G | 2″,7 G |
| 9-19 | 3,56 G | 4,3 G |
| 9-21 | 3,57 G | 3,8 G |

**29328 P. — 40656 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | III. | |
| | $20^h 53^m$ | 43° 58′ |
| 80 9- 2 | $4^s,20$ G | 24″,0 G |
| 81 8- 2 | 4,61 G | |
| 8- 5 | 4,38 G | 23,1 G |
| 8- 9 | | 23,3 G |

**29329 P. — 40591 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h 52^m$ | 89° 26′ |
| 57 8- 2 | $19^s,27$ G | 19″,0 G |
| 8- 6 | 19,35 G | 19,2 G |
| 10- 2 | 19,42 G | 20,0 G |
| 10- 6 | | 20,3 G |

**29330 P. — 40631-32 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h 52^m$ | 60° 51′ |
| 58 10- 4 | $28^s,55$ G | 41″,3 G |
| | III. | |
| | $20^h 53^m$ | 60° 48′ |
| 71 9-17 | $6^s,59$ G | 13″,3 G |
| 10- 5 | 6,53 G | |
| 74 9-25 | | 16,2 G |
| 75 8-10 | | 14,3 G |

### 29331 P. — 40618 L.

| Dates 1800 + A. | M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20$^h$52$^m$ | 72°40′ |
| 58 | 7-21 | | 24″,7 G |
| | 10- 3 | 24$^s$,97 G | 23,9 G |
| | | III. | |
| | | 20$^h$53$^m$ | 72°36′ |
| 71 | 8-28 | 6$^s$,59 G | 58″,6 G |

### 29332 P. — 40596 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20$^h$52$^m$ | 89°28′ |
| 55 | 10-13 | 22$^s$,32 G | 46″,5 G |
| 57 | 8- 2 | 22,35 G | |
| | 8- 6 | 22,18 G | |
| | 9-29 [1] | 22,48 G | 49,3 G |
| | 10- 2 | 22,19 G | |
| | | III. | |
| | | 20$^h$53$^m$ | 89°25′ |
| 79 | 9-12 | 8$^s$,48 J | 19″,4 J |

[1] 𝒫 diminuée de 5′.

### 29333 P. — 40598 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20$^h$52$^m$ | 89°40′ |
| 55 | 10-22 | 23$^s$,66 G | |
| 63 | 8- 4 | 23,63 M | 57″,5 M |
| | | III. | |
| | | 20$^h$53$^m$ | 89°37′ |
| 75 | 10-12 | 9$^s$,60 M | 30″,8 M |

### 29334 P. — 40608 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20$^h$52$^m$ | 81°54′ |
| 56 | 10-18 | | 11″,4 G |
| 61 | 9-30 | 26$^s$,71 G | 11,3 G |
| | | III. | |
| | | 20$^h$53$^m$ | 81°50′ |
| 79 | 9-10 | 10$^s$,59 G | 46″,6 G |
| | 9-11 | | 47,9 G |

### 29335 P. — 40867 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 20$^h$54$^m$ | 10°1′ |
| 46 | 12- 1 | | 57″,7 G |
| 50 | 8-12 | | 58,1 G |
| | 10-16 | 24$^s$,86 G | |
| 53 | 3- 1 I | 25,35 G | |
| | 3-15 I | 25,26 G | |
| | 4-20 I | 25,74 G | |
| | 7-19 | 24,80 G | |
| | 8- 6 | 25,00 G | |
| | 9-12 | 25,23 G | |
| | 9-17 | 25,34 G | |
| | 9-19 | 25,48 G | |

### 29336 P. — 40652 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20$^h$52$^m$ | 50°16′ |
| 67 | 8-23 | 38$^s$,74 G | 1″,3 G |
| | | III. | |
| | | 20$^h$53$^m$ | 50°12′ |
| 75 | 8-16 | 12$^s$,55 M | 33″,8 M |

### 29337 P. — 11972 Cambridge.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20$^h$52$^m$ | 60°8′ |
| 58 | 7-14 | 37$^s$,58 G | |
| 59 | 9-18 | 37,58 G | |

### 29338 P. — 7357 Albany.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20$^h$52$^m$ | 86°27′ |
| 58 | 9-15 | 35$^s$,52 G | |

### 29339 P. — 40599 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 20$^h$51$^m$ | 104°5′ |
| 40 | 8-17 | | 52″,3 F |
| | | II. | |
| | | 20$^h$52$^m$ | 104°2′ |
| 54 | 9-27 | 31$^s$,18 G | |
| | 9-29 | 31,36 G | |
| 60 | 9-16 | | 28″,4 G |
| | | III. | |
| | | 20$^h$53$^m$ | 103°58′ |
| 78 | 8-31 | 21$^s$,01 M | 60″,6 M |
| | 9- 6 | 20,88 M | 59,3 M |

### 29340 P. — 40592, 94 et 95 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 20$^h$51$^m$ | 101°13′ |
| 40 | 10-10 | 43$^s$,57 G | |
| | 10-12 | 43,42 G | |
| | 10-13 | 43,49 G | |
| | 10-14 | 43,61 G | |
| | | II. | |
| | | 20$^h$52$^m$ | 101°10′ |
| 54 | 9-26 | 32$^s$,43 G | |
| 61 | 9- 2 | 32,59 G | |
| | 10-20 [1] | 32,66 G | 13″,8 G |
| 62 | 10- 8 [2] | 32,45 G | 13,6 G |

[1] 𝒫 diminuée de 1′.

[2] Indiquée à tort à l'obs. de passage comme 40599 L. (distance des fils).

### 29341 P. — 40628 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20$^h$52$^m$ | 74°58′ |
| 57 | 7-10 | 42$^s$,87 G | |
| 58 | 9- 8 | | 5″,5 F |
| 61 | 10-26 | 42,99 G | 6,7 G |
| 62 | 8-12 | 43,02 G | 4,0 G |

### 29342 P. — 40573 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20$^h$52$^m$ | 117°35′ |
| 55 | 9- 7 | 32$^s$,73 G | |
| 57 | 8-12 | | 27″,8 G |
| | | III. | |
| | | 20$^h$53$^m$ | 117°32′ |
| 80 | 9-13 | 26$^s$,39 M | 3″,1 M |

### 29343 P. — 5761 Sf. — 16°.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20$^h$52$^m$ | 106°54′ |
| 66 | 8-29 | 36$^s$,79 M | 39″,5 M |
| | 9-15 | 37,04 M | 39,2 M |
| | 9-26 [1] | 37,00 M | 40,6 M |

[1] 𝒫 diminuée de 1′.

### 29344 P. — 40644 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20$^h$52$^m$ | 68°11′ |
| 57 | 10- 1 | 47$^s$,82 G | 29″,2 G |
| 58 | 8- 7 | 47,83 G | |
| | 8- 8 | 47,93 G | |
| | 11-11 | | 27,8 G |
| 59 | 8-22 | 47,77 G | 29,1 G |

### 29345 P. — 5646 Sf. — 6°.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20$^h$52$^m$ | 96°5′ |
| 57 | 10-16 | 44$^s$,28 G | |

### 29346 P. — 40602-03 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 20$^h$51$^m$ | 101°36′ |
| 47 | 1.-18 | 54$^s$,35 G | 31″,2 G |
| | | II. | |
| | | 20$^h$52$^m$ | 101°33′ |
| 59 | 7-17 | | 6″,3 G |
| | | III. | |
| | | 20$^h$53$^m$ | 101°29′ |
| 78 | 9- 3 | 32$^s$,15 M | |
| | 9-29 | 32,17 M | 40″,7 M |

### 29347 P. — 40654 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 20$^h$53$^m$ | 58°50′ |
| 80 | 8-27 | 32$^s$,46 J | 11″,9 J |
| | 9- 1 | 32,45 J | 11,2 J |
| 81 | 9-13 | 32,87 J | 11,3 J |

### 29348 P. — 21032 A. O.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 20$^h$53$^m$ | 108°8′ |
| 68 | 9- 7 | 32$^s$,66 M | 40″,3 M |
| | 9- 8 | 32,68 M | 42,2 M |
| | 9- 9 | 32,62 M | 43,7 M |
| | 9-12 | 32,77 M | 42,7 M |

### 29349 P. — 1 Poisson austr.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 20$^h$51$^m$ | 122°51′ |
| 46 | 7-28 | 46$^s$,11 G | |
| | 9-13 | 46,22 G | |
| | 9-14 | 46,30 G | |
| 50 | 9- 2 [1] | | 35″,8 G |
| 52 | 8- 1 | 46,26 G | |
| | 11-10 | | 34,0 G |

[1] 𝒫 diminuée de 10″ : erreur de reduct.

### 29350 P. — 40658 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 20$^h$53$^m$ | 55°45′ |
| 74 | 8-26 | 38$^s$,89 M | 32″,1 M |
| 79 | 8- 1 | 39,00 G | 31,8 G |

### 29351 P. — 40676 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 20$^h$53$^m$ | 44°0′ |
| 80 | 8-23 | 40$^s$,72 G | 56″,6 G |
| | 8-26 | 40,52 G | 58,3 G |
| 81 | 9-28 | 40,73 G | 58,3 G |
| | 9-29 | 40,70 G | 57,7 G |

### 29352 P. — 40607 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20$^h$52$^m$ | 110°27′ |
| 55 | 9-25 | 54$^s$,71 G | |
| 57 | 6-29 | | 39″,2 G |
| | | III. | |
| | | 20$^h$53$^m$ | 110°24′ |
| 79 | 8-16 | 46$^s$,19 M | 14″,4 M |

### 29353 P. — 40613-14 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 20$^h$52$^m$ | 108°7′ |
| 41 | 7- 5 | 7$^s$,91 G | |
| 46 | 9-22 | | 54″,9 G |
| 48 | 8-18 | | 51,6 G |
| | 9-19 | 7,98 G | |
| | 9-20 | 7,91 G | |
| 49 | 9-28 | 8,03 G | |
| | | II. | |
| | | 20$^h$52$^m$ | 108°4′ |
| 54 | 9-11 | 58$^s$,61 G | 26″,7 G |
| | 9-28 | 58,84 G | |
| 55 | 7-13 | 58,79 G | |
| 59 | 7-15 | 58,46 G | 26,9 G |
| | 10- 5 | | 26,7 G |
| | 10- 6 | 58,60 G | |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (Æ, 𝒫)

### 29353 P. (suite).

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | III. | 20h53m | 108°0' |
| 76 | 9-28 | 49s,47 M | 59",4 M |
| | 9-28 | 49,56 G | 60,3 G |
| 78 | 8-12 | 49,46 G | 61,3 G |
| 79 | 8-1 | 49,52 J | 58,8 J |

### 29354 P. — 40679 L.

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | I. | 20h52m | 46°7' |
| 46 | 8-14 | 46s,81 G | |
| 47 | 8-31 | 46,65 G | |
| 48 | 9-4 | | 45",6 G |
| | 10-26 | 46,64 G | |
| | II. | 20h53m | 46°4' |
| 67 | 10-3 | 18s,84 M | 18",6 M |
| | III. | 20h53m | 46°0' |
| 81 | 9-28 | 50s,95 M | 52",0 M |
| | 9-29 | 50,98 M | 50,4 M |
| | 9-30 | 50,93 M | 50,3 M |

### 29355 P. — 40639 L.

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | II. | 20h53m | 86°24' |
| 58 | 8-12 | 8s,98 G | 40",4 G |
| | 9-15 | 9,18 G | 41,4 G |
| 59 | 8-24 | 9,12 G | |
| | III. | 20h53m | 86°21' |
| 73 | 8-23 | 54s,11 M | 14",3 M |
| 79 | 9-19 | 54,22 G | 15,6 G |
| | 10-7 | 54,24 G | |
| 80 | 8-26 | 54,38 M | 17,3 M |
| | 8-27 | 54,54 M | 16,0 M |

### 29356 P. — 40649 L.

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | II. | 20h53m | 83°1' |
| 56 | 7-29 | | 38",8 G |
| | 9-27 | 10s,37 G | |
| 57 | 7-27 | 10,46 G | |
| | 9-9 | 10,36 G | 37,3 G |
| | 9-19 | 10,29 G | 39,1 G |

### 29357 P. — 8430 Sj.

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | II. | 20h53m | 96°18' |
| 55 | 8-9 | 7s,28 G | |
| 58 | 8-17 | 7,20 G | 33",1 G |

### 29358 P. — 40633-34 L.

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | I. | 20h52m | 96°4' |
| 46 | 8-26[1] | 21s,05 G | 39",4 G |
| | 8-29 | 21,03 G | |

### 29358 P. (suite).

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | I. | 20h52m | 96°4' |
| 46 | 8-21 | | 40",7 F |
| | 9-19 | | 39,6 F |
| 48 | 9-29 | 20s,98 G | |
| 49 | 8-11 | | 39,1 G |
| | 9-25 | 21,04 G | |
| | 9-26 | 21,18 G | |
| | II. | 20h53m | 96°1' |
| 55 | 8-22 | 8s,52 G | |
| 57 | 7-31 | 8,64 G | 13",9 G |
| | 10-16 | 8,78 G | 10,9 G |
| 58 | 7-30 | | 13,5 G |
| 65 | 9-19 | 8,62 M | |
| | III. | 20h53m | 95°57' |
| 68 | 8-11 | 56s,13 M | 47",6 M |
| 69 | 8-19 | 56,40 M | 47,9 M |
| 74 | 8-26 | 56,27 G | 47,2 G |
| | 8-31 | 56,32 G | 47,7 G |
| 76 | 10-9 | 56,23 M | 49,4 M |

[1] Æ augmentée de 1m.

### 29359 P. — 40637-38 L.

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | I. | 20h52m | 95°19' |
| 39 | 8-28 | 23s,82 G | |
| | 8-29 | 23,81 G | |
| | 9-1 | 23,63 G | |
| 40 | 8-28 | 24,08 G | 30",7 F |
| | 8-29 | 23,97 G | 28,6 F |
| | 8-31 | 23,92 G | |
| 42 | 10-15 | 23,89 G | |
| | 10-16 | 23,95 G | 31,1 F |
| | 10-17 | 23,84 G | |
| 48 | 10-7 | 23,64 G | |
| | II. | 20h53m | 95°16' |
| 55 | 9-9 | 11s,40 G | |
| | 9-15 | | 8",7 G |
| 57 | 8-9 | 11,33 G | |
| | 8-10 | 11,27 G | |
| | III. | 20h53m | 95°12' |
| 68 | 8-22 | 58s,96 M | 40",9 M |
| 74 | 9-1 | 58,87 G | 42,8 G |
| 78 | 8-31 | 58,87 J | 42,7 J |

### 29360 P. — 40616-17 L.

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | II. | 20h53m | 113°25' |
| 55 | 9-27 | 8s,02 G | |
| 58 | 8-5 | | 15",9 G |
| 59 | 10-17 | | 18,4 G |
| | III. | 20h54m | 113°21' |
| 79 | 8-2 | 0s,59 J | 51",9 J |
| 81 | 9-17 | 0,48 M | 51,7 M |
| | 9-19 | 0,47 M | 51,5 M |

### 29361 P. — 21413 à 15 A.O.

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | I. | 20h53m | 42°58' |
| 40 | 9-12 | | 53",2 F |

### 29362 P. — 40657 L.

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | II. | 20h53m | 73°43' |
| 56 | 9-8 | 19s,90 G | 5",0 G |
| 57 | 10-13 | 19,82 G | 5,7 G |
| 58 | 8-24 | 20,29 G | 5,1 G |
| | III. | 20h54m | 73°39' |
| 71 | 8-16 | 1s,89 G | |

### 29363 P. — 40669 L.

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | III. | 20h54m | 55°59' |
| 69 | 9-25 | 2s,59 M | 53",7 M |
| | 10-6 | 2,50 M | 55,1 M |

### 29364 P. — 1362 $W_1$.

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | II. | 20h53m | 73°42' |
| 57 | 10-13 | 22s,82 G | |
| 58 | 8-24 | 22,73 G | |

### 29365 P. — 40643 L.

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | II. | 20h53m | 95°54' |
| 55 | 8-23 | 17s,04 G | 5",9 G |
| 58 | 10-30 | | 5,5 G |
| | 10-31 | | 4,8 G |
| 64 | 8-29 | 17,06 M | 5,1 M |
| | III. | 20h54m | 95°50' |
| 76 | 10-7 | 4s,68 M | 39",0 M |

### 29366 P. — 40636 L.

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | II. | 20h53m | 98°53' |
| 55 | 10-5 | 15s,97 G | 18",9 G |
| | III. | 20h54m | 98°49' |
| 79 | 9-8 | 4s,84 J | 50",6 J |

### 29367 P. — 40697 L.

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | III. | 20h54m | 41°43' |
| 80 | 9-8 | 5s,28 G | 23",3 G |
| | 9-26 | 5,04 G | 22,5 G |

### 29368 P. — 40693 L.

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | III. | 20h54m | 43°52' |
| 80 | 9-1 | 6s,12 G | |
| | 9-9 | 6,29 G | 52",4 G |
| | 9-13 | 5,95 G | 53,6 G |
| 81 | 9-15 | 6,17 G | 53,7 G |
| | 10-5 | 6,15 G | 55,7 G |

### 29369 P. — 40663 L. (le centre).

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | II. | 20h53m | 70°28' |
| 58 | 10-5 | 26s,01 G | 27",4 G |
| 62 | 8-5 | | 27,6 G |
| | III. | 20h54m | 70°25' |
| 71 | 9-9 | 7s,12 G | |

### 29370 P. — 40663 L. (la 2e).

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | II. | 20h53m | 70°28' |
| 61 | 9-27[1] | 25s,95 G | |
| 62 | 8-5 | 26,08 G | |

[1] Æ augm. de 0s,60 : erreur de réduct.

### 29371 P. — 40651 L.

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | II. | 20h53m | 88°55' |
| 55 | 11-15 | 22s,02 G | |
| 56 | 10-21 | | 60",0 G |
| 61 | 10-2 | 22,18 G | 61,2 G |
| 63 | 8-7 | | 59,7 M |

### 29372 P. — 40622-23 L.

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | II. | 20h53m | 113°37' |
| 57 | 7-11 | 17s,13 G | |
| 60 | 9-12 | 17,17 G | 24",3 G |
| 61 | 10-3 | 17,09 G | 25,0 G |

### 29373 P. — 40650 L.

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | II. | 20h53m | 91°27' |
| 55 | 9-26 | 24s,30 G | |
| 58 | 8-20 | 24,25 G | 47",3 G |
| | 9-4 | | 46,2 G |
| | 9-8[1] | 24,28 G | 46,1 G |
| | III. | 20h54m | 91°24' |
| 76 | 9-22 | 10s,67 G | 20",9 G |
| | 10-7 | 10,64 G | 21,7 G |
| | 10-9 | 10,62 G | 21,2 G |
| 78 | 9-3 | 10,54 J | 21,1 J |

[1] Æ diminuée de 10s.

Dates 1800+ — Positions moyennes pour les époques du Catal.

### 29374 P. — 40665 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h53m | 71°55' |
| 58 8-26 | 32s,04 G | 26",6 G |
| 60 8-16 | 32,06 G | 27,6 F |
| 9-9 | 32,25 G | 29,4 G |

### 29375 P. — 40642 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h52m | 104°7' |
| 39 9-7 | | 55",1 F |
| 41 9-29 | 35s,29 G | |
| 46 9-2 | 35,28 G | |
| 9-18 | 35,43 G | |
| 47 10-11 | | 54,7 F |
| 49 8-15 | 35,39 G | |
| 8-19 | 35,37 G | |
| 52 8-16 | 35,64 G | |
| II. | 20h53m | 104°4' |
| 54 9-21 | 25s,11 G | |
| 58 8-27 | | 28",9 G |
| 62 8-3 | 25,28 G | 30,1 G |
| 8-10 | 25,09 G | 31,7 G |
| 8-13 | 25,11 G | 30,7 G |
| 9-9 | 25,10 G | 29,5 G |
| 9-12 | 25,16 G | 29,1 G |
| 9-13 | 25,09 G | 29,8 G |
| 67 9-19 | 25,20 M | 29,9 M |
| III. | 20h54m | 104°1' |
| 80 9-15 | 14s,87 M | 3",2 M |
| 9-15 | 15,07 J | 1,9 J |

### 29376 P. — 40624-25 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h52m | 117°28' |
| 40 8-30 | 32s,87 G | 59",6 F |
| 9-12 | 32,81 G | |
| 10-6 | | 58,5 F |
| II. | 20h53m | 117°25' |
| 56 8-4 | 26s,59 G | 30",8 G |
| 58 8-15 | | 32,7 G |
| III. | 20h54m | 117°22' |
| 80 8-10[1] | 19s,76 M | 7",7 M |
| 9-26[1] | 19,48 M | 6,2 M |

[1] 𝒜 non inscrites au Catalogue : fils très discordants et différant entre eux de plus de 1s.

### 29377 P. — 40611 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h53m | 89°26' |
| 56 10-5 | | 40",5 G |
| 61 10-9 | 36s,87 G | |

### 29378 P. — 40706 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h53m | 46°28' |
| 58 8-31 | 53s,61 G | |
| 66 8-9 | 54,01 G | |
| 8-22 | 53,89 G | |
| 67 10-1 | 53,76 M | 56",9 M |
| III. | 20h54m | 46°25' |
| 79 9-8 | 26s,01 G | 29",5 G |

### 29379 P. — 40691 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h54m | 51°3' |
| 80 9-13 | 26s,40 J | 23",9 J |
| 9-24 | 26,34 J | 24,5 J |
| 81 8-10 | 26,51 J | 23,7 J |
| 9-28 | 26,68 J | 24,4 J |

### 29380 P. — 40662 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h52m | 86°12' |
| 39 8-24 | 57s,04 G | |
| II. | 20h53m | 86°8' |
| 57 10-24 | | 34",7 G |
| 58 8-28 | | 33,5 F |
| 59 8-23 | | 35,6 G |
| 60 10-6 | 42s,17 G | 35,4 G |
| III. | 20h54m | 86°5' |
| 71 9-12 | 27s,24 M | 8",0 M |

### 29381 P. — 40698 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h53m | 50°29' |
| 67 9-4 | 53s,47 G | 0",1 G |
| III. | 20h54m | 50°25' |
| 79 10-3 | 27s,51 G | 33",9 G |

### 29382 P. — 40671 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h53m | 70°34' |
| 57 8-21 | | 59",9 G |
| 9-6 | 47s,52 G | 61,2 G |
| 10-3 | 47,37 G | 60,3 G |

### 29383 P. — 40675 et 720 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h54m | 40°1' |
| 80 8-27 | | 21",9 G |
| 9-6 | 29s,61 G | 20,7 G |

### 29384 P. — 40661 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h53m | 88°55' |
| 57 8-13 | 43s,94 G | 32",3 G |
| 61 10-14 | 43,86 G | 32,8 G |
| 62 9-19 | 44,01 G | 31,7 G |

### 29385 P. — 40666 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h53m | 82°20' |
| 58 8-1 | | 2",2 G |
| 61 9-26 | 47s,80 G | 0,8 G |
| III. | 20h54m | 82°16' |
| 71 9-9 | 31s,93 M | 34",1 M |

### 29386 P. — 40655 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h53m | 101°17' |
| 54 8-24 | 43s,92 G | 53",2 G |
| 8-25 | 44,06 G | |
| 67 9-24 | 44,26 M | 51,4 M |

### 29387 P. — 40711 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h54m | 44°17' |
| 67 10-2 | 3s,23 M | 19",3 M |
| III | 20h54m | 44°13' |
| 81 10-1 | 34s,32 M | 52",8 M |
| 10-3 | 34,40 M | 52,5 M |

### 29388 P. — 40653 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h53m | 106°58' |
| 55 7-23 | | 51",7 G |
| III. | 20h54m | 106°55' |
| 78 8-16 | 36s,01 M | 23",8 M |
| 9-20 | 35,86 M | 23,9 M |

### 29389 P. — 40660 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h53m | 93°59' |
| 55 9-10 | 49s,17 G | |
| 56 8-3 | 49,40 G | |
| 58 9-9 | | 7",1 F |
| 9-11 | | 7,3 F |
| 59 8-7 | 49,38 G | 6,4 G |
| III. | 20h54m | 93°55' |
| 78 9-2[1] | 36s,57 J | 40",4 J |
| 9-5 | 36,55 J | 40,8 J |
| 9-19 | | 42,4 G |

[1] 𝒫 augmentée de 1°.

### 29390 P. — 40664 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h53m | 91°18' |
| 55 9-6 | 52s,08 G | 49",4 G |
| III. | 20h54m | 91°15' |
| 76 9-23 | 38s,50 G | 24",5 G |
| 78 9-20 | 38,47 G | |
| 9-24 | | 24,8 G |
| 9-26 | 38,64 G | 26,0 G |

### 29391 P. — 40670 et 718 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h53m | 80°32' |
| 55 9-28 | 57s,29 G | 55",0 G |
| 57 9-21 | 57,48 G | |
| III. | 20h54m | 80°29' |
| 79 9-2 | 40s,99 G | 27",4 G |

### 29392 P. — 40668 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h53m | 89°30' |
| 57 10-2 | 55s,65 G | 39",1 G |
| 61 10-9 | | 39,6 G |
| III. | 20h54m | 89°27' |
| 74 9-5 | 41s,51 M | 10",4 M |
| 75 8-17 | 41,38 M | 9,6 M |
| 9-4 | 41,41 M | 11,2 M |

### 29393 P. — 40682 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h53m | 71°16' |
| 41 8-27[1] | 22s,69 G | |
| 8-28 | 22,76 G | |
| 8-30 | 22,67 G | |
| 9-10 | 22,61 G | |
| 9-11 | 22,73 G | |
| II. | 20h54m | 71°12' |
| 57 8-14 | | 45",6 G |
| 61 10-24[2] | 3s,97 G | 44,9 G |
| 11-3 | 3,87 G | |
| III. | 20h54m | 71°9' |
| 71 9-12 | 44s,99 G | |

[1] Erreur de 10° dans la décl. approchée indiquée (d'st. des fils). Le registre porte d'ailleurs ✶ $h = 59°55'$.

[2] 𝒜 aug. de 1h : err. d'impression au tome XVII.

### 29394 P. — 40725 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h54m | 44°2' |
| 80 9-27 | 45s,38 G | 45",8 G |
| 9-29 | 45,37 G | 45,4 G |

### 29395 P. — 1374 W1.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. Æ. | P. |
|---|---|---|
| | II. | |
| | 20h 53m | 89° 29′ |
| 57 10- 2 | 59s,47 G | |

### 29396 P. — 40674 L.

| Dates 1800 + A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 20h 54m | 82° 28′ |
| 57 10-12 | 1s,54 G | 47″,0 G |
| | III. | |
| | 20h 54m | 82° 25′ |
| 79 9- 3 | 45s,71 G | 19″,9 G |

### 29397 P. — 40716-17 L.

| Dates 1800 + A. M. J. | Æ. | P. |
|---|---|---|
| | III. | |
| | 20h 54m | 48° 9′ |
| 79 10- 4[1] | 48s,07 G | 41″,6 G |
| 81 8-27 | 48,35 M | 41,6 M |
| 9-13 | 48,16 M | 41,0 M |
| 9-16 | 48,15 M | 41,7 M |

[1] Æ augm. de 0s,36 : erreur de réduct.

### 29398 P. — 40659 L.

| Dates 1800 + A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 20h 53m | 104° 3′ |
| 54 8-26 | 58s,72 G | |
| 8-27 | 58,60 G | 12″,2 G |
| | III. | |
| | 20h 54m | 103° 59′ |
| 78 8-24 | 48s,47 M | 43″,9 M |
| 10- 2 | 48,43 M | 43,7 M |

### 29399 P. — 26920 Mn1.

| Dates 1800 + A. M. J. | Æ. | P. |
|---|---|---|
| | III. | |
| | 20h 54m | 108° 38′ |
| 68 8-12 | 49s,51 M | 39″,7 M |
| 80 9- 2 | 49,47 M | 40,7 M |
| 9-24 | 49,43 M | 39,8 M |

### 29400 P. — 40705 L.

| Dates 1800 + A. M. J. | Æ. | P. |
|---|---|---|
| | III. | |
| | 20h 54m | 57° 59′ |
| 69 10- 1 | 50s,06 M | 24″,1 M |
| 74 9-15 | 49,84 G | 21,9 G |

### 29401 P. — 1377 W1.

| Dates 1800 + A. M. J. | Æ. | P. |
|---|---|---|
| | I. | |
| | 20h 53m | 93° 7′ |
| 40 9-29 | 18s,74 G | |
| 9-30 | 18,79 G | |

### 29402 P. — 40685 L.

| Dates 1800 + A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 20h 54m | 74° 28′ |
| 57 9-11 | 10s,69 G | 52″,2 G |
| 9-17[1] | 10,64 G | 53,5 G |
| | III. | |
| | 20h 54m | 74° 25′ |
| 79 9- 1 | | 24″,5 G |

[1] P augmentée de 1′.

### 29403 P. — 40715 L.

| Dates 1800 + A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 20h 54m | 51° 43′ |
| 66 9- 5 | 19s,44 G | |
| 9-10 | 19,18 G | |
| 9-15 | 19,39 G | |
| 10-17 | 19,22 G | 15″,4 G |
| | III. | |
| | 20h 54m | 51° 39′ |
| 80 10- 9 | 53s,83 J | 47″,9 J |
| 10-10 | 53,88 J | 47,9 J |

### 29404 P. — 593 A + 83°.

| Dates 1800 + A. M. J. | Æ. | P. |
|---|---|---|
| | I. | |
| | 20h 57m | 6° 53′ |
| 43 9- 8 | 24s,15 G | |

### 29405 P. — 40678 L.

| Dates 1800 + A. M. J. | Æ. | P. |
|---|---|---|
| | I. | |
| | 20h 53m | 89° 31′ |
| 41 8-14 | 27s,82 G | |
| 8-18 | 27,78 G | |
| | II. | |
| | 20h 54m | 89° 28′ |
| 58 8-23 | 13s,61 G | 28″,2 G |
| 61 8- 5 | 13,65 G | |
| 9- 2 | 13,84 G | |
| 10-10 | 13,68 G | 28,5 G |

### 29406 P. — 40683 L.

| Dates 1800 + A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 20h 54m | 80° 46′ |
| 56 7-31 | 16s,03 G | |
| 57 8-28 | | 55″,8 G |
| | III. | |
| | 20h 54m | 80° 43′ |
| 71 9-18[1] | 59s,77 M | 30″,1 M |

[1] P augmentée de 2′.

### 29407 P. — 40735 L.

| Dates 1800 + A. M. J. | Æ. | P. |
|---|---|---|
| | III. | |
| | 20h 55m | 46° 15′ |
| 80 9- 5 | 5s,94 G | 33″,6 G |
| 9-14 | 5,25 G | 33,9 G |
| 81 8- 8 | | 33,3 G |
| 10-18 | 5,62 G | 34,2 G |

### 29408 P. — 40680 L.

| Dates 1800 + A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 20h 54m | 94° 40′ |
| 55 8-15 | 19s,89 G | 43″,4 G |
| 57 10-20 | 19,81 G | 44,9 G |
| | III. | |
| | 20h 55m | 94° 37′ |
| 76 8- 7 | 7s,19 G | |
| 8-10 | 7,29 G | 16″,2 G |
| 9- 5 | | 14,2 G |

### 29409 P. — 40728 L.

| Dates 1800 + A. M. J. | Æ. | P. |
|---|---|---|
| | III. | |
| | 20h 55m | 50° 14′ |
| 80 9-20 | 8s,96 J | 4″,9 J |
| 10- 1 | 8,71 J | 5,6 J |

### 29410 P. — 40695 L.

| Dates 1800 + A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 20h 54m | 78° 35′ |
| 56 9-20 | 26s,88 G | 29″,6 G |
| | III. | |
| | 20h 55m | 78° 32′ |
| 71 8-27 | 10s,16 G | |
| 9- 5 | 10,14 G | |
| 74 9-18 | 9,98 M | 2″,7 M |
| 75 9- 2 | 10,03 M | 3,7 M |
| 9-14 | 10,18 M | 2,5 M |

### 29411 P. — 40672-73 L.

| Dates 1800 + A. M. J. | Æ. | P. |
|---|---|---|
| | I. | |
| | 20h 53m | 102° 17′ |
| 40 10-30[1] | 32s,36 G | |
| 47 11-13 | 32,17 G | 57″,9 G |
| | II. | |
| | 20h 54m | 102° 14′ |
| 54 8-28 | 21s,28 G | 31″,1 G |
| | III. | |
| | 20h 55m | 102° 11′ |
| 79 8-20 | 10s,77 J | 4″,0 J |
| 9-25 | 10,61 J | 3,5 J |
| 9-27 | 10,61 J | 3,8 J |
| 9-30 | 10,60 J | 3,3 J |

[1] Erreur de 1° dans la déclinaison approchée indiquée. Le registre porte ★ $h = 28° 52'$.

### 29412 P. — 40686 L.

| Dates 1800 + A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 20h 54m | 89° 2′ |
| 56 8-31 | | 30″,2 G |
| 9- 6 | 25s,67 G | |
| 61 9-30 | 25,70 G | |
| 10- 5 | | 31,2 G |
| 62 9-16 | 25,77 G | 30,6 G |

### 29413 P. — 40696 et 99 L.

| Dates 1800 + A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 20h 54m | 80° 25′ |
| 58 7-13 | | 19″,3 G |
| 11- 1 | | 18,6 G |
| 62 9-22 | 31s,28 G | 18,8 G |
| | III. | |
| | 20h 55m | 80° 21′ |
| 79 9-10 | 14s,78 J | 52″,5 J |

### 29414 P. — 1389 W1.

| Dates 1800 + A. M. J. | Æ. | P. |
|---|---|---|
| | I. | |
| | 20h 53m | 95° 16′ |
| 40 8-28 | 42s,63 G | |
| 8-29 | 42,77 G | 8″,8 F |
| 8-31 | 42,63 G | 10,9 F |

### 29415 P. — 40731 L.

| Dates 1800 + A. M. J. | Æ. | P. |
|---|---|---|
| | III. | |
| | 20h 55m | 53° 31′ |
| 68 8- 4 | 18s,43 G | |
| 74 9-18 | 18,35 G | 27″,3 G |
| 9-19 | 18,38 G | 24,6 G |
| 75 8-10 | | 26,4 G |

### 29416 P. — 40701 L.

| Dates 1800 + A. M. J. | Æ. | P. |
|---|---|---|
| | I. | |
| | 20h 53m | 83° 26′ |
| 40 9-21 | 50s,91 G | |
| 53 10- 8 | 51,01 G | |
| | II. | |
| | 20h 54m | 83° 22′ |
| 55 10-15 | 35s,22 G | 48″,4 G |
| 63 8- 8 | 35,10 M | 48,5 M |

### 29417 P.

| Dates 1800 + A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 20h 54m | 102° 5′ |
| 67 8-24 | 30s,37 M | 22″,7 M |

### 29418 P. — 21461-62 A.O.

| Dates 1800 + A. M. J. | Æ. | P. |
|---|---|---|
| | I. | |
| | 20h 54m | 43° 4′ |
| 48 9-15 | 19s,48 G | |

### 29419 P. — 40677 L.

| Dates 1800 + A. M. J. | Æ. | P. |
|---|---|---|
| | I. | |
| | 20h 53m | 107° 54′ |
| 45 7-23 | 39s,31 G | |
| | II. | |
| | 20h 54m | 107° 51′ |
| 54 8-30 | 29s,92 G | 25″,8 G |
| 58 9-19 | 30,38 G | |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜. 𝒫.)

### 29419 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 20h55m | 107°47′ |
| 78 | 9- 2 | 20s,61 M | 60",7 M |
| | 9-11 | 20,66 M | 59,7 M |

### 29420 P. — 40722 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20h54m | 65°40′ |
| 58 | 8-10 | 44s,58 G | 50",5 G |
| | 9-14 | 44,65 G | 51,5 G |
| | 10- 2 | 44,56 G | 51,0 G |
| | 10-15[1] | 44,67 G | |
| | 11-11 | | 49,9 G |
| | | III. | |
| | | 20h55m | 65°37′ |
| 71 | 10-17 | 20s,98 G | |

[1] Indiquée à tort comme 40709 L. (dist. des fils).

### 29421 P. — 40745 L

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 20h55m | 45°29′ |
| 80 | 8-13 | 25s,39 G | 23",9 G |
| | 9- 3 | 25,32 G | 25,7 G |
| | 9-24 | 25,34 G | 25,3 G |
| 81 | 8-22 | | 26,3 G |
| | 8-24 | 25,43 G | 27,7 G |

### 29422 P. — 40709 et 732 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 20h54m | 75°3′ |
| 41 | 9-13 | 1s,36 G | |
| | | II. | |
| | | 20h54m | 75°0′ |
| 56 | 9- 3 | | 25",2 G |
| | 9-14 | 43s,31 G | 24,7 G |
| 58 | 9- 6 | | 25,9 G |
| | 9-27[1] | 43,37 G | 26,1 G |
| 59 | 7-25[2] | | 24,1 G |
| | 7-28 | 43,39 G | |
| | | III | |
| | | 20h55m | 74°56′ |
| 71 | 9-14 | 25s,63 G | |
| 75 | 8-25 | 25,43 G | |
| | 8-27 | 25,51 G | 57",0 G |

[1] Erreur de 1°20′ dans la déclinaison approchée indiquée à l'obs. d'asc. dr. Le Cahier porte d'ailleurs 40703 L.

[2] 𝒫 augmentée de 5′.

### 29423 P. — 40743 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 20h55m | 47°33′ |
| 74 | 9-14 | 25s,73 M | 23",0 M |
| 75 | 9- 7 | 25,69 M | 22,8 M |
| | 9- 8 | 25,50 M | 23,2 M |

### 29424 P. — 1399 W1.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20h54m | 79°18′ |
| 57 | 7-23 | 43s,38 G | |

### 29425 P. — 59 *f*¹ Cygne.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 20h54m | 43°4′ |
| 40 | 9-12 | | 55",4 F |
| 46 | 7-23 | 33s,24 G | |
| | 8-15 | | 54,8 G |
| | 9-25 | 33,29 G | |
| | 9-26 | 33,36 G | |
| 47 | 10-11 | 33,31 G | |
| 48 | 8-12 | | 55,5 G |
| | 9-15 | 33,65 G | |
| | 9-17 | 33,24 G | |
| | 11-14 | | 56,4 G |
| 50 | 9- 4 | 33,40 G | |
| 51 | 8-22 | 33,38 G | |
| 52 | 11-14 | 33,31 G | |
| | | III. | |
| | | 20h55m | 42°57′ |
| 81 | 8- 1 | 34s,48 G | 58",8 G |

### 29426 P. — 40688-89 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 20h53m | 103°3′ |
| 44 | 8-25 | 55s,86 G | |
| | | II. | |
| | | 20h54m | 102°59′ |
| 54 | 9- 2 | 45s,31 G | 36",3 G |
| | | III. | |
| | | 20h55m | 102°56′ |
| 79 | 8-12 | 34s,53 J | 9",5 J |

### 29427 P. — 40738 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20h54m | 58°22′ |
| 67 | 8-24[1] | 59s,15 G | 11",8 G |
| | | III. | |
| | | 20h55m | 58°18′ |
| 79 | 9-10 | | 43",5 G |

[1] 𝒜 augmentée de 0s,35 : erreur de réduction.

### 29428 P. — 40687 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 20h53m | 106°4′ |
| 42 | 11- 9 | 56s,41 G | |
| | | II. | |
| | | 20h54m | 106°1′ |
| 54 | 9- 4[1] | | 10",1 G |
| | 9- 5[1] | 46s,81 G | 12,1 G |
| | 9-30 | 46,56 G | |
| 55 | 7-13 | 46,82 G | |

### 29428 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 20h55m | 105°57′ |
| 79 | 10- 3 | 36s,90 J | 43",8 J |
| | 10- 4 | 36,97 J | 44,4 J |
| | 10- 6 | 36,87 J | 45,0 J |

[1] 𝒫 diminuée de 5′.

### 29429 P. — 40684 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 20h53m | 109°51′ |
| 40 | 8-17 | 56s,30 G | |
| | 8-20 | 55,98 G | 14",2 F |
| | 10-10 | 56,04 G | |
| | 10-12 | 55,96 G | |
| | 10-13 | 55,99 G | |
| | 10-14 | 56,16 G | |

### 29430 P. — 40714 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 20h55m | 82°57′ |
| 73 | 8-23 | 40s,50 M | 32",6 M |
| 74 | 8-20 | 40,82 G | 32,8 G |

### 29431 P. — 40681 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20h54m | 118°16′ |
| 57 | 7-24 | 48s,79 G | |
| | 8-12 | 48,86 G | 45",7 G |
| | | III. | |
| | | 20h55m | 118°13′ |
| 79 | 10-16 | 42s,79 J | |

### 29432 P. — 40700 L

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20h54m | 101°43′ |
| 54 | 9- 7 | 53s,90 G | |
| | 9- 8 | 53,93 G | |
| 58 | 9- 9 | | 43",5 G |
| | 10- 6 | | 44,0 G |

### 29433 P. — 40702 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20h54m | 99°59′ |
| 54 | 9- 6 | 55s,48 G | 44",9 G |
| | | III. | |
| | | 20h55m | 99°56′ |
| 74 | 8-31 | 44s,12 G | 15",5 G |
| | 9- 1 | 44,11 G | 15,5 G |
| 76 | 9-21 | 44,19 M | 14,8 M |
| | 9-22 | 44,28 M | 16,4 M |

### 29434 P. — 1405 W1.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20h55m | 78°59′ |
| 58 | 8-16 | 1s,88 G | |

### 29435 P. — 40712-13 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20h54m | 86°46′ |
| 56 | 9- 4 | 59s,64 G | 50",9 G |
| | | III. | |
| | | 20h55m | 86°43′ |
| 79 | 8-30 | 45s,14 J | 22",0 J |

### 29436 P. — 40690 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20h54m | 112°30′ |
| 55 | 9-16[1] | 57s,18 G | 57",5 G |
| 59 | 10-17 | | 59,1 G |

[1] 𝒫 augmentée de 20" : l'observateur a augmenté l'un des microscopes lus de 20", tandis qu'il eût fallu diminuer l'autre de 20".

### 29437 P. — 40707 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20h m55 | 100°32′ |
| 58 | 10-29 | | 39",8 F |
| 60 | 8- 9 | 1s,00 G | 40,1 G |
| | 10- 3 | 0,70 G | |
| | 10- 4 | 0,79 G | 41,2 G |
| 61 | 9- 1 | 1,02 G | |
| | | III. | |
| | | 20h55m | 100°29′ |
| 78 | 8-24 | 49s,67 G | 10",5 G |
| 81 | 9- 4 | 49,62 J | 11,4 J |

### 29438 P. — 40769 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20h55m | 41°52′ |
| 59 | 10-16 | | 0",6 G |
| | | III. | |
| | | 20h55m | 41°48′ |
| 79 | 9-18 | 56s,47 G | 30",2 G |
| | 9-22 | 56,46 G | 29,5 G |
| | 9-24 | 56,25 G | 31,4 G |
| 81 | 9-15 | 56,52 M | 31,0 M |

### 29439 P. — 40757 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20h55m | 53°10′ |
| 67 | 8-23[1] | 25s,68 G | 58",4 G |

[1] 𝒜 diminuée de 1m.

### 29440 P. — 40710 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 20h55m | 100°46′ |
| 54 | 9-19 | 12s,43 G | |
| 59 | 7-17 | | 22",4 G |
| | | III. | |
| | | 20h56m | 100°42′ |
| 80 | 9- 3 | 1s,37 M | 54",4 M |

Dates 1800 + — Positions moyennes pour les époques du Catal.

### 29441 P. — 40737 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 20$^{h}$55$^{m}$ | 77°13′ |
| 57 | 8-21 | | 23″,3 G |
| 58 | 9-12 | | 24,3 G |
| | | III. | |
| | | 20$^{h}$56$^{m}$ | 77°9′ |
| 71 | 8-13 | 1$^{s}$,65 G | 54″,0 G |
| | 9- 3 | 1,65 G | 55,2 G |
| | 9-15 | 1,81 G | 55,6 G |

### 29442 P. — 594 A + 83°.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 20$^{h}$58$^{m}$ | 6°51′ |
| 43 | 9- 8 | 30$^{s}$,92 G | |

### 29443 P. — 40730 L. (la 1re).

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 20$^{h}$54$^{m}$ | 83°25′ |
| 46 | 8-22 | 33$^{s}$,91 G | |
| | 10-18 | 33,91 G | |

### 29444 P. — 40730 L. (le centre).

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 20$^{h}$54$^{m}$ | 83°25′ |
| 39 | 8-28 | 34$^{s}$,04 G | |
| | 8-29 | 33,81 G | |
| | 9- 1 | 33,67 G | |
| 40 | 9-16 | 33,92 G | |
| | 9-21 | 33,96 G | |
| 41 | 9- 8 | 34,00 G | |
| | 9-29 | 33,77 G | |
| 46 | 7-20 | 34,17 G | |
| | 8-18 | 33,94 G | |
| | 8-21 | 33,99 G | 33″,5 G |
| | 9-10 | 33,97 G | |
| | 9-15 | 33,98 G | |
| | 10- 1 | 34,03 G | |
| | 10- 3 | 33,92 G | |
| | 10-10 | | 33,1 G |
| 48 | 8- 8 | | 33,1 G |
| | 9-29 | 34,01 G | |
| 50 | 7-22 | 34,02 G | |
| 52 | 9- 3 | 33,97 G | |
| 53 | 10-13 | 34,03 G | |
| | 10-14 | 33,89 G | |
| | | II. | |
| | | 20$^{h}$55$^{m}$ | 83°22′ |
| 55 | 10-21 | | 4″,8 G |
| | 11- 2 | 18$^{s}$,39 G | |
| 56 | 9- 2 | | 5,2 G |

### 29445 P. — 40730 L. (la 2e).

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 20$^{h}$54$^{m}$ | 83°25′ |
| 46 | 9-13 | 34$^{s}$,11 G | |
| | 9-14 | 33,99 G | |
| | 9-16 | 33,93 G | |
| 49 | 9- 7 | 34,08 G | |
| 52 | 11- 6 | 34,16 G | |
| 53 | 10-12 | 34,11 G | |
| | 10-23 | 33,93 G | |

### 29446 P. — 3205 Carrington.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 20$^{h}$59$^{m}$ | 5°58′ |
| 47 | 7- 8[1] | 10$^{s}$,32 G | 16″,7 F |
| | 7- 9 | 9,97 G | 9,8 F |
| | 7-10 | 10,06 G | |

[1] 𝒟 non comprise dans la moy. : notée : *à travers nuages.*

### 29447 P. — 40895 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 20$^{h}$56$^{m}$ | 14°40′ |
| 50 | 8-30 | | 30″,0 G |
| 53 | 3-12 I | 29$^{s}$,09 G | |
| | 3-22 I | 29,15 G | |
| | 3-29 I | 29,07 G | |
| | 7-21 | 29,26 G | |
| | 8- 6 | 29,12 G | |
| | 9- 5 | 28,77 G | |
| | 9-11 | 29,54 G | |
| | 9-14 | 28,99 G | |
| | | II. | |
| | | 20$^{h}$56$^{m}$ | 14°36′ |
| 54 | 1-24 I | 20$^{s}$,29 G | |
| 63 | 9-15[1] | | 61″,1 G |
| 64 | 8-26 | | 60,1 G |
| 65 | 8-26 | | 59,1 G |
| | 8-30 | | 58,7 G |
| | 9-15 | | 59,3 G |
| | 9-16 | | 60,1 G |

[1] 𝒟 diminuée de 5′.

### 29448 P. — 40747 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 20$^{h}$55$^{m}$ | 69°26′ |
| 58 | 8-27 | 30$^{s}$,22 G | 37″,6 G |
| | 8-28 | 30,15 G | |
| | 11-10 | | 37,7 G |
| 59 | 7-17 | 30,05 G | |
| | 9-24 | 30,37 G | 37,5 G |
| | 10- 2 | 30,12 G | 36,6 G |

### 29449 P. — 40764 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 20$^{h}$55$^{m}$ | 54°31′ |
| 67 | 8- 5 | 38$^{s}$,52 G | 16″,3 G |
| | | III. | |
| | | 20$^{h}$56$^{m}$ | 54°27′ |
| 74 | 8-20 | 14$^{s}$,26 M | 46″,2 M |
| | 8-22 | 14,32 M | 47,8 M |

### 29450 P. — 40729 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 20$^{h}$55$^{m}$ | 97°52′ |
| 55 | 8-13 | 28$^{s}$,80 G | |
| 58 | 7-30 | 28,56 G | 17″,5 G |
| | 8-27 | | 18,0 F |
| | 9-27 | | 15,8 F |

### 29451 P. — 40724 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 20$^{h}$54$^{m}$ | 105°26′ |
| 49 | 8-15 | 37$^{s}$,23 G | |
| | 8-19 | 37,21 G | |
| | | II. | |
| | | 20$^{h}$55$^{m}$ | 105°22′ |
| 54 | 9-27 | 27$^{s}$,05 G | |
| 55 | 7-19 | | 50″,5 G |
| | 7-27 | 27,15 G | |
| | | III. | |
| | | 20$^{h}$56$^{m}$ | 105°19′ |
| 79 | 8-12 | 17$^{s}$,23 M | 23″,2 M |

### 29452 P. — 1416 W$_{I}$.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 20$^{h}$55$^{m}$ | 75°3′ |
| 58 | 10- 3 | 35$^{s}$,31 G | 22″,9 G |

### 29453 P. — 40719 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 20$^{h}$54$^{m}$ | 108°4′ |
| 41 | 7- 5 | 36$^{s}$,47 G | |
| | 8-19 | 36,57 G | |
| | 8-20[1] | 36,41 G | |
| | | II. | |
| | | 20$^{h}$55$^{m}$ | 108°1′ |
| 54 | 9-16 | 27$^{s}$,29 G | |
| 59 | 10-17 | 27,12 G | |
| 60 | 8-12 | 27,34 G | |
| 61 | 10-26 | 27,35 G | 6″,9 G |
| 62 | 9-18 | 27,27 G | 6,6 G |

[1] 𝒜 diminuée de 1$^{m}$.

### 29454 P. — 40758 et 60 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 20$^{h}$55$^{m}$ | 62°26′ |
| 58 | 10- 4 | 41$^{s}$,55 G | 41″,3 G |
| 59 | 8-16 | | 42,3 G |

### 29455 P. — 2738 Br.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 20$^{h}$55$^{m}$ | 31°9′ |
| 40 | 11-20 | 35$^{s}$,76 G | 56″,6 F |
| | 11-20 I | 35,85 G | 55,2 F |
| | 11-26 | 35,93 G | 54,5 F |
| 49 | 9-21 | | 55,4 G |
| | 10- 4 | 35,95 G | |
| 51 | 9- 7 | 35,78 G | |
| | 9-11 | 35,81 G | |
| | 9-12 | | 56,1 G |

### 29456 P. — 40726-27 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 20$^{h}$55$^{m}$ | 101°35′ |
| 54 | 9-25 | 31$^{s}$,63 G | |
| 61 | 10-19 | 31,92 G | 51″,7 G |
| 62 | 10- 1 | 31,89 G | 52,2 G |
| | 10- 8 | 31,65 G | 51,1 G |

### 29456 P. (suite).

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 20$^{h}$56$^{m}$ | 101°32′ |
| 78 | 9-27 | 20$^{s}$,58 M | 21″,9 M |

### 29457 P. — 12014 Cambridge.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 20$^{h}$55$^{m}$ | 62°5′ |
| 61 | 10-18 | 42$^{s}$,80 G | |
| 62 | 9-17[1] | 42,97 G | |

[1] Indiquée à tort comme 40763 L. (dist. des fils).

### 29458 P. — 40754 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 20$^{h}$55$^{m}$ | 66°52′ |
| 58 | 8- 6 | 42$^{s}$,01 G | 55″,8 G |
| 59 | 9-18 | 42,02 G | 55,8 G |

### 29459 P. — 40739 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 20$^{h}$55$^{m}$ | 87°11′ |
| 55 | 10-16 | 39$^{s}$,38 G | 53″,9 G |
| | | III. | |
| | | 20$^{h}$56$^{m}$ | 87°8′ |
| 69 | 10- 5 | | 27″,2 G |
| | 10- 7 | | 26,0 G |
| 73 | 9- 8 | 24$^{s}$,93 M | 24,8 M |
| 75 | 10-12 | 24,74 M | 26,0 M |

### 29460 P. — 40763 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 20$^{h}$56$^{m}$ | 60°51′ |
| 79 | 8- 1 | 26$^{s}$,15 G | 37″,5 G |
| | 8-30 | 26,09 G | 35,7 G |
| | 9-11 | 26,13 G | 35,2 G |

### 29461 P. — 40741 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 20$^{h}$55$^{m}$ | 89°10′ |
| 56 | 10- 5 | 41$^{s}$,62 G | |
| 57 | 10- 6 | | 54″,1 G |
| 58 | 9-28 | 41,70 G | |
| | | III. | |
| | | 20$^{h}$56$^{m}$ | 89°7′ |
| 71 | 9-12 | 27$^{s}$,50 M | 24″,8 M |

### 29462 P. — 40721 et 23 L.

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 20$^{h}$54$^{m}$ | 114°55′ |
| 40 | 9-12 | 44$^{s}$,31 G | |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜. 𝒫.)

**29462 P. (suite).**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 55m | 114°52' |
| 55 9-19 | 37s,14 G | |
| 58 8-4 | | 22",2 G |
| 8-5 | | 22,1 G |
| 59 10-26 | | 23,5 G |
| III. | 20h 56m | 114°48' |
| 79 9-18 | 29s,90 J | 55",0 J |

**29463 P. — 40742 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 55m | 91°28' |
| 55 9-27 | | 30",0 G |
| 56 8-2 | 46s,30 G | |
| 58 8-17 | | 28,6 G |
| 9-4 | | 28,0 G |
| III. | 20h 56m | 91°24' |
| 68 8-20 | 32s,89 M | 58",8 M |
| 10-5 | 32,75 M | 60,0 M |

**29464 P. — 3252 A + 47°**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h 56m | 42°52' |
| 80 8-26 | 37s,32 J | 9",4 J |

**29465 P. — 40755 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h 55m | 78°57' |
| 40 9-21 | | 1",7 F |
| II. | 20h 55m | 78°53' |
| 58 8-3 | 56s,53 G | 32",2 G |
| 8-16 | 56,38 G | 32,8 G |
| 8-24 | 56,58 G | 32,4 G |
| 9-8 | | 32,4 F |
| 9-11 | 56,60 G | 33,3 G |

**29466 P. — 40746 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 55m | 91°51' |
| 55 8-26 | 53s,50 G | 28",6 G |
| 58 8-17 | 53,52 G | |
| 8-20 | 53,42 G | 28,3 G |
| 9-5 | 53,48 G | 28,4 G |
| 9-11 | | 26,3 F |
| 65 9-20 | 53,47 M | 28,8 M |
| III. | 20h 56m | 91°47' |
| 76 9-19[1] | 39s,87 G | 60",0 G |
| 9-21[1] | 40,00 G | 58,7 G |
| 9-22 | 39,95 G | 59,0 G |

[1] 𝒫 augmentée de 1'.

**29467 P. — 40784 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 56m | 49°55' |
| 67 8-27 | 8s,22 G | 49",4 G |
| III. | 20h 56m | 49°52' |
| 79 9-8 | 42s,10 G | 18",9 G |

**29468 P[1]. — 40749 et 51 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h 55m | 89°4' |
| 41 8-18 | 11s,18 G | |
| II. | 20h 55m | 89°0' |
| 55 11-15 | 56s,73 G | |
| 57 8-2 | 56,76 G | 56",8 G |
| 63 8-7 | 56,61 M | |
| III. | 20h 56m | 88°57' |
| 71 9-9 | 42s,45 M | 29",5 M |

[1] Étoile double. On a toujours observé le centre.

**29469 P. — 40750 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 55m | 88°51' |
| 56 9-5 | 57s,07 G | 19",8 G |
| 9-26 | 57,16 G | 19,2 G |
| 9-27 | 56,96 G | |

**29470 P. — 40752 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h 55m | 85°21' |
| 40 8-30 | 13s,89 G | |
| II. | 20h 55m | 85°18' |
| 57 8-6 | 58s,59 G | 26",5 G |
| 58 8-12 | 58,54 G | 26,6 G |
| 8-28 | | 24,7 F |
| 59 8-23 | | 26,9 G |
| 8-24 | 58,67 G | |

**29471 P. — 40736 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 55m | 110°10' |
| 57 7-11 | 52s,72 G | |
| 58 8-15 | | 9",2 G |
| III. | 20h 56m | 110°6' |
| 79 9-8 | 43s,79 J | 39",6 J |

**29472 P. — 40740 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h 55m | 103°27' |
| 41 8-30 | 6s,24 G | |
| 9-10 | 6,15 G | |
| 9-11 | 6,21 G | |

**29472 P. (suite).**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 55m | 103°24' |
| 60 8-17 | 55s,76 G | |
| 9-16 | | 2",8 G |
| 61 10-4 | | 2,4 G |
| 10-16 | 55,78 G | 1,9 G |
| III. | 20h 56m | 103°20' |
| 78 9-6 | 45s,03 M | 32",7 M |
| 9-24 | 45,55 M | 34,3 M |

**29473 P. — 40761-62 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 56m | 79°16' |
| 58 9-6 | 2s,80 G | 12",6 G |
| III. | 20h 56m | 79°12' |
| 79 8-11 | 46s,21 G | 42",2 G |

**29474 P. — 40776 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h 56m | 58°15' |
| 80 9-1 | 46s,52 J | 23",6 J |
| 9-13 | 46,85 J | 24,4 J |

**29475 P. — 40770-71 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 56m | 67°13' |
| 57 10-22 | | 30",4 G |
| 58 7-14 | 7s,87 G | 29,5 G |
| 8-7 | 7,81 G | |
| 59 9-1 | 7,77 G | 28,7 G |

**29476 P. — 5446 Sf. — 5°.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h 55m | 95°14' |
| 40 8-31[1] | 14s,22 G | |

[1] 𝒜 diminuée de 1m. L'observation de l'étoile qui suit, dans la série, eût été impossible sans cette correction.

**29477 P. — 40795 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h 55m | 44°27' |
| 46 7-31 | 46s,52 G | |
| 8-27 | 46,43 G | |
| 10-7 | | 2",3 G |
| 11-11 | | 2,4 G |
| 47 10-12 | | 3,7 G |
| 48 8-18 | | 1,5 G |
| 49 8-31 | | 1,3 G |
| 9-15 | 46,32 G | |
| 9-25 | 46,25 G | |
| 9-26 | 46,41 G | |

**29477 P. (suite).**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 56m | 44°23' |
| 62 7-21 | 17s,83 G | |
| 7-25 | 17,78 G | |
| 7-27 | 17,82 G | |
| 7-30 | 17,78 G | |
| 7-31 | 17,74 G | |
| 9-5 | 17,81 G | |
| III. | 20h 56m | 44°20' |
| 80 8-30 | 49s,22 G | 3",4 G |
| 9-6 | 49,12 G | 3,1 G |
| 81 9-30[1] | 48,88 G | 3,2 G |
| 10-14 | 49,00 G | 4,8 G |

[1] 𝒫 augmentée de 1°.

**29478 P. — 40748 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 56m | 95°55' |
| 55 8-9 | 2s,06 G | |
| 8-20 | | 28",8 G |
| 64 8-29 | 2,05 M | 29,3 M |
| III. | 20h 56m | 95°52' |
| 76 10-9[1] | 49s,79 M | 1",1 M |

[1] 𝒜 diminuée de 0s,13 : erreur de réduct.

**29479 P. — 8804 Rümker.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 20h 56m | 107°51' |
| 80 9-13 | 51s,61 M | 56",1 M |

**29480 P. — 27035 $Mn_1$.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 20h 55m | 93°10' |
| 40 8-29 | 20s,28 G | |
| 9-29 | 20,43 G | |

**29481 P. — 40733-34 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 56m | 118°5' |
| 55 9-25 | 0s,59 G | 1",5 G |
| III. | 20h 56m | 118°1' |
| 79 9-1 | 57s,19 M | 31",3 M |

**29482 P. — 40768 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 20h 56m | 74°34' |
| 58 10-1 | | 58",1 G |
| 60 9-12 | 14s,30 G | 58,5 G |
| 62 8-12 | 14,11 G | 57,0 G |
| 67 9-4 | 14,18 M | 59,1 M |

Dates 1800 + — Positions moyennes pour les époques du Catal.

### 29483 P. — 40744 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | $20^h 55^m$ | 108°43′ |
| 40 8-17 | | 13″,7 F |
| 10-10 | 16s,28 G | |
| 10-12 | 16,29 G | |
| 10-13 | 16,38 G | |
| 10-14 | 16,67 G | |
| | II. | |
| | $20^h 56^m$ | 108°39′ |
| 67 9-24 | 7s,34 M | 44″,9 M |
| | III. | |
| | $20^h 56^m$ | 108°36′ |
| 78 8-12 | 58s,34 G | 15″,8 G |

### 29484 P. — 40767 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h 56^m$ | 77°35′ |
| 58 10-16 | 15s,38 G | |
| 61 8-17 | 15,59 G | |
| 9-27 | 15,43 G | 53″,1 G |
| | III. | |
| | $20^h 56^m$ | 77°32′ |
| 71 8-12 | 58s,42 G | 24″,2 G |
| 8-16 | 58,37 G | |

### 29485 P. — 40778 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h 56^m$ | 62°18′ |
| 61 10-13 | 20s,86 G | |
| | III. | |
| | $20^h 56^m$ | 62°14′ |
| 71 10-12 | 59s,27 G | |
| 74 9-15 | 59,32 M | 47″,2 M |

### 29486 P. — 40783 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $20^h 56^m$ | 59°58′ |
| 74 8-19 | 59s,48 M | 11″,9 M |
| 75 8-16 | 59,45 M | 10,7 M |

### 29487 P. — 40759 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | $20^h 55^m$ | 92°11′ |
| 40 10-30[1] | 28s,04 G | |
| | II. | |
| | $20^h 56^m$ | 92°7′ |
| 55 8-15 | | 49″,3 G |
| 65 9-19 | 14s,57 M | 50,8 M |
| | III. | |
| | $20^h 57^m$ | 92°4′ |
| 69 8-27 | 1s,21 M | 19″,4 M |
| 76 9-23 | 1,32 G | 19,6 G |
| 10-7 | 1,30 G | 19,7 G |
| 10-9 | 1,32 G | 20,0 G |

[1] Erreur de 1° dans la décl. approchée inscrite. Le registre porte ★ h = 38°58′.

### 29488 P. — 40781-82 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h 56^m$ | 62°44′ |
| 57 10-1[1] | 23s,84 G | 34″,2 G |
| 58 8-8 | 23,80 G | 32,6 G |

[1] 𝒜 diminuée de 1m.

### 29489 P. — 40775 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $20^h 57^m$ | 71°15′ |
| 71 9-2 | 4s,67 G | 57″,1 G |
| 74 9-14 | 4,66 G | 56,4 G |

### 29490 P. — 40756 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h 56^m$ | 100°27′ |
| 56 8-1 | | 14″,0 G |
| 61 9-2 | 18s,69 G | |
| 10-3 | 18,70 G | 15,3 G |
| 67 9-19 | 18,86 M | 15,0 M |
| | III. | |
| | $20^h 57^m$ | 100°23′ |
| 78 8-16 | 7s,33 M | 44″,4 M |
| 8-24 | 7,38 M | 45,8 M |
| 8-31 | 7,29 M | 44,9 M |
| 9-21[1] | 7,34 M | 45,1 M |

[1] 𝒫 diminuée de 5″,6 : erreur de réduct.

### 29491 P. — 21517 A. O.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | $20^h 56^m$ | 31°10′ |
| 48 9-4 | | 4″,9 G |

### 29492 P. — 40773 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h 56^m$ | 75°49′ |
| 58 7-19 | 25s,30 G | |
| 67 8-31 | 25,50 M | 14″,8 M |
| | III. | |
| | $20^h 57^m$ | 75°45′ |
| 71 8-19 | 7s,83 G | |
| 74 9-5 | 7,85 M | 47″,1 M |
| 75 9-6 | 7,83 M | 45,3 M |

### 29493 P. — 40785 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h 56^m$ | 64°23′ |
| 58 9-23 | 28s,80 G | |
| 61 10-2 | 28,82 G | 33″,8 G |
| | III. | |
| | $20^h 57^m$ | 64°20′ |
| 79 9-12 | 7s,95 G | 2″,8 G |

### 29494 P. — 40976 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | $20^h 57^m$ | 12°20′ |
| 53 3-15 I | 48s,96 G | |

### 29495 P. — 40772 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h 56^m$ | 74°47′ |
| 67 8-22 | 27s,35 M | 22″,8 M |
| 8-23 | 27,28 M | 23,6 M |
| 8-27 | 27,46 M | 23,3 M |
| 8-28 | 27,34 M | 24,0 M |
| | III. | |
| | $20^h 57^m$ | 74°43′ |
| 71 9-9 | 9s,55 G | |

### 29496 P. — 40780 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $20^h 57^m$ | 68°40′ |
| 80 9-27 | 10s,55 J | 55″,4 J |
| 9-29 | 10,53 J | 55,1 J |
| 81 9-15 | 10,51 J | 55,2 J |
| 10-3 | 10,32 J | 55,7 J |

### 29497 P. — 40792 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $20^h 57^m$ | 56°45′ |
| 74 8-26 | 10s,74 M | 19″,2 M |
| 80 9-6 | 10,71 M | 18,3 M |

### 29498 P. — 4306 A + 24°.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h 56^m$ | 65°37′ |
| 58 10-15 | 33s,84 G | |

### 29499 P. — 40788 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $20^h 57^m$ | 63°59′ |
| 81 8-22 | 15s,22 J | 0″,5 J |
| 8-27 | 15,50 J | 1,8 J |
| 10-1 | 15,29 J | 0,2 J |

### 29500 P. — 40805 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $20^h 56^m$ | 46°21′ |
| 58 8-31[1] | 44s,57 G | 33″,2 G |
| 66 8-6 | 44,64 G | |
| | III. | |
| | $20^h 57^m$ | 46°18′ |
| 79 9-16 | 17s,08 G | 4″,7 G |

[1] 𝒫 diminuée de 25″,4 : erreur de fil dans le pointé de l'étoile en distance polaire.

### 29501 P. — 40753 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | $20^h 55^m$ | 110°27′ |
| 37 7-29[1] | | 47″,2 F |
| 8-6 | 34s,75 G | |
| 8-8 | 34,58 G | |
| 8-10 | 34,58 G | |
| 10-9 | 34,64 G | 50,4 F |
| 10-25 | 34,56 G | |
| 11-30 | 34,58 G | 50,0 F |
| 38 8-5 | 34,52 G | |
| 8-13 | 34,50 G | 47,8 F |
| 8-15 | 34,46 G | 49,8 F |
| 9-1 | 34,48 G | |
| 9-27 | 34,43 G | |
| 39 8-23 | 34,57 G | 49,4 F |
| 8-24 | 34,51 G | |
| 40 10-6 | 34,43 G | 47,4 F |
| 10-8 | 34,49 G | |
| 41 8-7 | 34,45 G | |
| 8-19 | | 46,9 F |
| 8-29 | 34,58 G | |
| 42 10-3 | 34,43 G | |
| 43 11-8 | | 48,9 G |
| 44 6-20 | 34,60 G | 50,3 G |
| 8-16 | 34,47 G | |
| 8-18 | 34,49 G | 50,1 G |
| 45 8-2 | 34,63 G | |
| 46 10-19 | 34,51 G | |
| 10-20 | 34,41 G | |
| 10-21 | 34,56 G | |
| 10-22 | 34,49 G | |
| 10-23 | 34,54 G | |
| 10-27[2] | 34,48 G | |
| 11-3[3] | 34,60 G | 50,2 G |
| 11-4 | 34,60 G | 51,5 G |
| 48 10-7 | 34,58 G | 51,6 G |
| 50 9-17 | 34,59 G | 48,3 G |
| 52 7-31 | 34,77 G | 50,2 F |
| 8-1 | 34,56 G | 49,7 F |
| 8-5 | 34,54 G | 50,0 F |
| 8-10 | | 49,2 F |
| 8-11 | | 49,2 F |
| 8-13 | | 49,6 G |
| 8-13 | | 47,4 F |
| 8-16 | 34,65 G | 50,5 G |
| 8-27 | 34,48 G | |
| 10-20 | | 50,8 G |
| 53 10-25 | 34,33 G | |
| 10-26 | 34,27 G | |
| | II. | |
| | $20^h 56^m$ | 110°24′ |
| 55 7-21 | 26s,04 G | 21″,8 G |
| 57 6-29 | | 21,9 G |
| 9-29 | 25,82 G | 22,3 G |
| | III. | |
| | $20^h 57^m$ | 110°20′ |
| 76 9-1 | 17s,26 M | 51″,8 M |
| 9-1 | 17,20 G | 52,5 G |

[1] 𝒫 diminuée de 5′.
[2] 𝒜 diminuée de 1m.
[3] 𝒜 augmentée de 1m.

### 29502 P. — 21080 A. O.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $20^h 57^m$ | 108°1′ |
| 68 9-25[1] | 19s,73 M | 33″,1 M |
| 9-28 | 19,70 M | 33,8 M |
| 10-8 | 19,86 M | 32,8 M |

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|

### 29502 P. (suite).

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $20^{h}57^{m}$ | 108°1′ |
| 68 10- 9 | $19^{s},97$ M | $33'',3$ M |
| 10-12 | 19,82 M | 33,6 M |
| 79 10- 3 [2] | 19,88 G | 33,8 G |
| 80 9-20 | 19,91 [1] M | 33,9 M |

[1] 𝒜 augm. de 1h : err. de transcr., et de 1s : err. de réduct.

[2] 𝒜 diminuée de 0s,66 : erreur de réduct.

### 29503 P. — 21511 A. O.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $20^{h}56^{m}$ | 43°6′ |
| 48 9-19 | $19^{s},80$ G | |
| 9-20 | 19,89 G | |

### 29504 P. — 5778 Sf. — 16°.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $20^{h}55^{m}$ | 107°2′ |
| 45 7-23 | $40^{s},89$ G | |

### 29505 P. — 40786 L[1].

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $20^{h}55^{m}$ | 94°15′ |
| 40 8-29 | | $44'',7$ F |
| | III. | |
| | $20^{h}57^{m}$ | 94°8′ |
| 78 9- 2 | $22^{s},22$ J | $48'',3$ J |
| 9- 3 | 22,19 J | 48,5 J |
| 9- 5 | 22,15 J | 48,6 J |
| 9-19 | 22,22 G | 50,3 G |
| 9-20 | 21,99 G | |

[1] L'𝒜 de Lalande doit être diminuée de 27s,60 : erreur d'un rang dans l'ordre du fil donné dans l'*Hist. céleste*.

### 29506 P[1]. — 40765-66 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $20^{h}56^{m}$ | 101°54′ |
| 57 7-24 | $32^{s},78$ G | |
| 60 10- 6 | 32,99 G | $57'',9$ G |
| 62 9-15 [2] | 33,01 G | 52,2 G |
| | III. | |
| | $20^{h}57^{m}$ | 101°51′ |
| 80 8-30 | $22^{s},29$ M | $28'',4$ M |

[1] Nébuleuse.

[2] 𝒜 diminuée de 1s,28 : erreur de moy. et de 1s sur un fil.

### 29507 P. — 40942 et 46 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $20^{h}57^{m}$ | 14°53′ |
| 53 8- 6 | $43^{s},25$ G | |

### 29508 P. — 12 Verseau.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $20^{h}55^{m}$ | 96°25′ |
| 41 8-18 | | $58'',2$ F |
| 43 8- 8 | | 59,0 G |
| 8-21 [1] | $52^{s},55$ G | |
| 46 7-10 | 52,46 G | |
| 7-11 | 52,46 G | |
| 8-26 | 52,51 G | 58,7 G |
| 8-29 | 52,51 G | |
| 9- 2 | 52,55 G | |
| 50 9- 2 | | 58,7 G |
| 9- 2 | | 57,7 F |
| 53 9- 4 | 52,47 G | |

[1] 𝒜 augm. de 2m : erreur de transcr.

### 29509 P. — 40798-99 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $20^{h}56^{m}$ | 62°13′ |
| 58 11-11 | | $38'',9$ G |
| 60 10- 9 | | 41,4 G |
| 61 10-13 | $51^{s},04$ G | |
| 62 9-19 | 50,92 G | 39,8 G |

### 29510 P. — 40813 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $20^{h}56^{m}$ | 51°2′ |
| 63 8- 4 | $58^{s},81$ G | |
| 8- 6 | 58,79 G | |
| 8- 7 | 58,74 G | |
| 8- 8 | 58,79 G | |
| 8- 9 | 58,71 G | |
| 8-10 | 58,72 G | |
| 8-12 | 58,82 G | |
| 8-17 | 58,91 G | |
| 8-21 | 58,68 G | |
| 8-31 | 58,91 G | |
| 9-11 | 58,84 G | |
| 9-12 | 58,92 G | |
| 9-15 | 58,87 G | |
| 9-27 | 58,92 G | |
| 64 7-30 | 58,74 G | |
| 8- 3 | 58,75 G | |
| 8- 6 | 58,81 G | |
| 8- 8 | 58,66 G | |
| 8-16 | 58,69 G | |
| 8-28 | 58,88 G | |
| 8-29 | 58,93 G | |
| 9-11 | 58,87 G | |
| 9-12 | 58,83 G | |
| 9-17 | 58,81 G | |
| 9-22 | 58,84 G | |
| 9-23 | 58,84 G | |
| 9-30 | 58,83 G | |
| 10- 1 | 58,82 G | |
| 65 9- 1 | 58,95 G | |
| 9-18 | | $29'',7$ G |
| 9-20 | | 29,6 G |
| 9-21 | | 29,1 G |
| 9-22 | | 30,3 G |
| 9-23 | | 29,8 G |
| 9-25 | | 28,3 G |
| 67 9- 4 | 58,79 G | 28,6 G |
| | III. | |
| | $20^{h}57^{m}$ | 50°58′ |
| 72 7-19 | $33^{s},26$ G | |
| 7-21 | 33,24 G | |
| 7-22 | 33,22 G | |
| 9- 8 | 33,38 G | |

### 29510 P. (suite).

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $20^{h}57^{m}$ | 50°58′ |
| 79 7-31 | | $56'',5$ G |
| 80 9-24 | $33^{s},31$ M | 59,0 M |
| 10- 4 | | 58,2 G |

### 29511 P. — 40800 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $20^{h}57^{m}$ | 66°2′ |
| 81 9-13 | $39^{s},41$ J | $26'',6$ J |
| 9-16 | 39,32 J | 27,5 J |
| 9-18 | 39,09 J | 27,6 J |

### 29512 P. — 5351 Sf. — 4°.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $20^{h}56^{m}$ | 94°12′ |
| 55 8-27 | $54^{s},49$ G | $36'',9$ G |
| 9- 9 | 54,51 G | |

### 29513 P. — 40801 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $20^{h}57^{m}$ | 64°34′ |
| 80 9- 9 | $42^{s},20$ J | $23'',8$ J |
| 81 9-19 | 42,08 J | 23,2 J |

### 29514 P. — 40811 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $20^{h}57^{m}$ | 58°8′ |
| 81 9-28 | $45^{s},03$ J | $34'',3$ J |
| 9-29 | 45,00 J | 33,9 J |

### 29515 P. — 40779 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $20^{h}56^{m}$ | 97°36′ |
| 55 8-22 | $57^{s},25$ G | |
| 58 9- 8 | 57,20 G | $3'',2$ G |
| 9- 9 | | 2,0 F |
| 59 8- 7 | 57,43 G | |
| | III. | |
| | $20^{h}57^{m}$ | 97°32′ |
| 74 8-31 | $45^{s},19$ G | $33'',5$ G |
| 76 10- 7 | 45,43 M | 34,4 M |

### 29516 P. — 1456 W[1].

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $20^{h}57^{m}$ | 75°2′ |
| 58 10 3 | $3^{s},74$ G | $7'',6$ G |

### 29517 P. — 40774 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $20^{h}56^{m}$ | 107°46′ |
| 40 8-17 | $9^{s},23$ G | |
| 8-20 | 8,94 G | $29'',2$ F |

### 29517 P. (suite).

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $20^{h}56^{m}$ | 107°42′ |
| 54 9-12 | | $59'',5$ G |
| 58 9-19 | $59^{s},43$ G | |
| 59 7-17 | | 60,5 G |
| 61 8-18 [1] | 59,72 G | |
| | III. | |
| | $20^{h}57^{m}$ | 107°39′ |
| 68 9-19 | $50^{s},15$ M | $28'',4$ M |

[1] Erreur dans la décl. approchée inscrite au t. XVII (dist. des fils).

### 29518 P. — 8472 Sj.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $20^{h}57^{m}$ | 92°4′ |
| 55 8-23 | $7^{s},53$ G | |

### 29519 P. — 40793 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $20^{h}57^{m}$ | 85°14′ |
| 56 7-31 | $9^{s},65$ G | |
| 57 9- 9 | 9,63 G | $38'',1$ G |
| 10-24 | | 39,4 G |

### 29520 P. — 40819 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $20^{h}57^{m}$ | 53°24′ |
| 66 10-17 [1] | $18^{s},91$ G | $4'',9$ G |
| | III. | |
| | $20^{h}57^{m}$ | 53°20′ |
| 81 8-10 | $54^{s},82$ J | $34'',9$ J |
| 9-30 | 54,90 J | 35,2 J |

[1] 𝒜 augm. de 0s,10 : err. de réduct.

### 29521 P. — 40833 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $20^{h}57^{m}$ | 45°45′ |
| 66 8-22 | $24^{s},14$ G | |
| | III. | |
| | $20^{h}57^{m}$ | 45°42′ |
| 80 8-23 | $56^{s},25$ G | $3'',8$ G |
| 8-31 | 56,17 G | 4,5 G |
| 81 9-13 | 56,22 G | 4,0 G |
| 9-17 | 56,25 G | 6,8 G |

### 29522 P. — 40810 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $20^{h}57^{m}$ | 66°29′ |
| 71 8-26 | $57^{s},58$ M | $48'',8$ M |
| 8-26 | 57,27 G | 47,4 G |
| 9-17 | | 47,4 G |

Dates 1800+ / Positions moyennes pour les époques du Catal.

### 29523 P. — 14999 Bonn.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h57m | 46°24′ |
| 58 8-31 | 25s,31 G | |

### 29524 P. — 40830 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 20h58m | 48°44′ |
| 80 8-26 | 0s,47 G | 23″,3 G |
| 9-20 | 0,53 G | 22,2 G |

### 29525 P. — 40817 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 20h58m | 58°29′ |
| 80 9-15 | 1s,00 J | 41″,2 J |
| 10- 9 | 0,70 J | 41,4 J |
| 10-10 | 0,91 J | 41,4 J |

### 29526 P. — 40789 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h57m | 99°19′ |
| 55 9-15 | 13s,85 G | |
| 56 8- 2 | | 55″,7 G |
| III. | 20h58m | 99°16′ |
| 68 8-11 | 1s,88 M | 25″,6 M |

### 29527 P. — 40777 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h57m | 111°44′ |
| 55 9-27 | 10s,51 G | |
| 58 10-31 | | 40″,8 G |
| 59 10-17 | | 39,5 G |
| III. | 20h58m | 111°41′ |
| 79 8-16 | 2s,41 M | 9″,0 M |

### 29528 P. — 1460 W₁.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h57m | 80°31′ |
| 57 7-23[1] | 21s,42 G | |

[1] Erreur de 1° dans la décl. approchée inscrite. L'écart des fils extrêmes montre que l'étoile observée a une déclinaison plus faible que l'étoile qui précède dans la série.

### 29529 P. — 40802 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h57m | 78°47′ |
| 56 9- 8 | 21s,91 G | 5″,5 G |
| 57 10-13 | 22,03 G | 6,9 G |
| 10-20 | 21,92 G | 7,0 G |
| 58 8-24 | 22,04 G | 5,9 G |

### 29530 P. — 40845 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 20h58m | 45°53′ |
| 80 9-29 | 9s,02 G | 6″,0 G |
| 10-10 | | 6,9 G |

### 29531 P. — 40807 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h57m | 76°10′ |
| 56 9-14 | 26s,67 G | |
| 57 8-14 | | 47″,4 G |
| 10- 3 | 26,48 G | 48,7 G |
| 10- 9 | | 46,2 G |
| III. | 20h58m | 76°7′ |
| 71 9- 5 | 9s,08 G | |
| 9-12 | 9,24 G | |

### 29532 P. — 40821 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h57m | 61°27′ |
| 58 8-30 | 31s,76 G | 32″,1 G |
| 9-16 | 31,78 G | |
| 11-10 | | 31,5 G |

### 29533 P. — 40796 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h57m | 95°22′ |
| 55 10- 5 | 23s,46 G | |
| 56 8-23 | | 28″,0 G |
| III. | 20h58m | 95°19′ |
| 69 8-25 | 10s,66 M | 1″,5 M |

### 29534 P. — 40790-91 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h57m | 101°38′ |
| 54 9-11 | 22s,08 G | 30″,3 G |
| 58 9-13 | | 29,1 G |
| III. | 20h58m | 101°34′ |
| 78 9- 3 | 11s,13 M | 57″,5 M |
| 9- 4 | 11,01 M | 58,9 M |

### 29535 P. — 40816 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h57m | 71°49′ |
| 57 9- 6 | 29s,88 G | 1″,9 G |
| 9-17 | 29,78 G | 1,5 G |

### 29536 P. — 40848 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 20h58m | 44°36′ |
| 80 8-13 | 12s,86 G | 45″,8 G |
| 9- 2 | 12,64 G | 46,1 G |
| 9-13 | 12,63 G | 46,0 G |

### 29537 P. — 2740 Bradley.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 20h57m | 51°57′ |
| 37 8- 7 | | 9″,6 F |
| 43 8-14 | | 10,4 F |
| 8-17 | | 10,8 F |
| 47 10-11 | | 8,1 F |
| 49 9- 8 | 4s,12 G | |

### 29538 P. — 40832 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 20h58m | 53°44′ |
| 69 9-17 | 14s,41 M | 57″,4 M |
| 74 9-15 | 14,57 G | |
| 75 8-10 | | 58,0 G |
| 8-25 | 14,46 G | |

### 29539 P. — 8069 Berlin B.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h57m | 67°11′ |
| 58 7-14 | 38s,68 G | |

### 29540 P. — 40857 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 20h57m | 42°34′ |
| 40 9-12 | . | 42″,2 F |
| III. | 20h58m | 42°27′ |
| 81 8-23 | 20s,83 G | 46″,3 G |
| 9-15 | 20,78 G | 45,9 G |

### 29541 P. — 40808-09 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 20h56m | 85°6′ |
| 39 8-21 | 51s,53 G | |
| 8-28 | 51,50 G | |
| 8-29 | 51,33 G | |
| 9- 1 | 51,11 G | |
| 40 8-28 | 51,38 G | 35″,3 F |
| 8-29 | | 35,7 F |
| 8-30 | 51,39 G | 32,9 F |
| 8-31 | 51,40 G | 34,9 F |
| 9-16 | 51,49 G | |
| 41 9-13 | 51,43 G | |
| 9-29 | 51,43 G | |
| 46 8-10 | 51,55 G | |
| 8-14 | 51,36 G | |
| 11-14 | 51,56 G | |
| 47 8-31 | 51,49 G | 33,6 F |
| 48 9-29 | 51,32 G | |
| 49 9-28 | 51,48 G | |
| II. | 20h57m | 85°3′ |
| 57 7-27 | 36s,26 G | |
| 8-13 | 36,28 G | 2″,9 G |
| 10- 6 | | 2,7 G |
| 10-12 | 36,32 G | 3,4 G |

### 29542 P. — 40804 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h57m | 87°36′ |
| 55 10- 8 | 37s,75 G | |
| 56 10-18 | | 43″,0 G |
| III. | 20h58m | 87°33′ |
| 71 9-16 | 22s,89 M | 12″,9 M |
| 9-18 | 22,87 M | 13,0 M |

### 29543 P. — 40815 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h57m | 82°47′ |
| 58 8- 1 | | 34″,5 G |
| 60 8- 9 | 39s,48 G | 34,8 G |
| 61 9-26 | 39,49 G | |
| 9-30 | 39,55 G | 34,7 G |

### 29544 P. — 40806 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 20h56m | 88°20′ |
| 41 8-14 | 53s,04 G | |
| 8-18 | 53,16 G | |
| II. | 20h57m | 88°16′ |
| 56 7-29 | | 53″,5 G |
| 8-31 | 38s,51 G | |
| 9- 4 | 38,55 G | |
| III. | 20h58m | 88°13′ |
| 71 9-19 | 24s,53 M | 24″,7 M |

### 29545 P. — 40856 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 20h58m | 44°38′ |
| 80 9- 1 | 24s,55 G | |
| 81 9-19 | 24,52 G | 37″,2 G |

### 29546 P. — 40834 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h57m | 59°29′ |
| 66 9-15 | 48s,05 G | |
| III. | 20h58m | 59°25′ |
| 69 9-23 | 25s,70 M | 55″,1 M |
| 74 9-19 | 25,68 M | 55,1 M |
| 75 8-17 | 25,76 M | 55,2 M |
| 9- 8 | 25,46 M | 55,0 M |
| 9-14 | 25,64 M | 55,0 M |

### 29547 P. — 27134 Mn₁.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 20h57m | 82°42′ |
| 61 9-30 | | 52″,4 G |

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**29548 P. — 40843 L.**

| A. | M. J. | Æ. | 𝔇. |
|---|---|---|---|
| | III. | 20h 58m | 56° 46′ |
| 68 | 8- 4 | 29s,67 G | |
| 74 | 9-18[1] | 29,87 G | 28″,2 G |
| | 9-25[2] | | 28,5 G |
| 75 | 8-27 | 29,74 G | 28,3 G |

[1] Æ diminuée de 0s,50 : erreur de moy.
[2] 𝔇 diminuée de 1″,5 : err. de réduct.

**29549 P. — 40825 L.**

| A. | M. J. | Æ. | 𝔇. |
|---|---|---|---|
| | II. | 20h 57m | 73° 3′ |
| 58 | 10- 9 | | 34″,6 G |
| 61 | 11- 3 | 48s,62 G | |
| | III. | 20h 58m | 73° 0′ |
| 71 | 8-13 | 30s,23 G | |

**29550 P. — 3375 Gr.**

| A. | M. J. | Æ. | 𝔇. |
|---|---|---|---|
| | I. | 20h 57m | 33° 32′ |
| 49 | 9-21 | 42s,35 G | |

**29551 P. — 40868 L.**

| A. | M. J. | Æ. | 𝔇. |
|---|---|---|---|
| | III. | 20h 58m | 37° 55′ |
| 81 | 9-28 | 32s,15 G | 3″,5 G |

**29552 P. — 40855 L.**

| A. | M. J. | Æ. | 𝔇. |
|---|---|---|---|
| | III. | 20h 58m | 48° 49′ |
| 80 | 9-26 | 33s,17 G | |
| | 9-27 | 33,39 G | |
| 81 | 10-17 | 33,45 G | |

**29553 P. — 40824 L.**

| A. | M. J. | Æ. | 𝔇. |
|---|---|---|---|
| | II. | 20h 57m | 78° 31′ |
| 56 | 9-20 | 54s,52 G | |
| 57 | 8-21 | | 44″,6 G |
| | III. | 20h 58m | 78° 28′ |
| 71 | 9- 3 | 37s,78 G | |
| | 9-14 | 37,99 G | |

**29554 P. — 40839 L.**

| A. | M. J. | Æ. | 𝔇. |
|---|---|---|---|
| | II. | 20h 57m | 64° 11′ |
| 58 | 8-10 | 58s,80 G | |
| | 10- 2 | | 50″,5 G |
| 59 | 10-22 | 58,87 G | |
| | III. | 20h 58m | 64° 8′ |
| 71 | 10-15 | 38s,01 G | |
| 79 | 8-30 | 38,07 J | 19″,2 J |

**29555 P. — 40803 L.**

| A. | M. J. | Æ. | 𝔇. |
|---|---|---|---|
| | I. | 20h 57m | 105° 31′ |
| 41 | 8-27 | 2s,15 G | |
| | 8-30 | 2,41 G | |
| | 9-10 | 2,37 G | |
| | 9-11 | 2,35 G | |
| 42 | 11- 9 | 2,29 G | |
| | II. | 20h 57m | 105° 27 |
| 54 | 8-24[1] | 52s,33 G | |
| | 8-26 | 52,53 G | 36″,5 G |
| | III. | 20h 58m | 105° 24′ |
| 78 | 9-11 | 42s,42 M | 7″,3 M |
| | 9-19 | 42,40 M | 6,8 M |

[1] Æ diminuée de 1m.

**29556 P. — 40827 L.**

| A. | M. J. | Æ. | 𝔇. |
|---|---|---|---|
| | III. | 20h 58m | 81° 39′ |
| 71 | 9-12 | 42s,96 M | 17″,1 M |
| 73 | 8-23 | 42,85 M | 16,7 M |

**29557 P. — 40818 L.**

| A. | M. J. | Æ. | 𝔇. |
|---|---|---|---|
| | II. | 20h 57m | 83° 0′ |
| 58 | 9-15 | 57s,87 G | 27″,6 G |
| 60 | 8-25 | 58,06 G | |
| | 9-29 | 58,02 G | 27,7 G |
| 62 | 9-16 | 57,99 G | 28,4 G |

**29558 P. — 2 Poisson austr.**

| A. | M. J. | Æ. | 𝔇. |
|---|---|---|---|
| | I. | 20h 56m | 122° 57′ |
| 41 | 8-27 | | 25″,2 F |
| 46 | 9-13 | 55s,26 G | |
| 48 | 7-17 | 55,18 G | |
| | 11-14 | | 25,5 G |

**29559 P. — 1478 W₁.**

| A. | M. J. | Æ. | 𝔇. |
|---|---|---|---|
| | II. | 20h 58m | 82° 44′ |
| 60 | 8- 9 | 5s,56 G | |

**29560 P. — 40838 L.**

| A. | M. J. | Æ. | 𝔇. |
|---|---|---|---|
| | II. | 20h 58m | 78° 6′ |
| 58 | 8-26 | 10s,99 G | 32″,6 G |
| 60 | 9- 9 | 10,91 G | 32,8 G |
| 62 | 9-22 | 11,01 G | 33,1 G |

**29561 P. — 40814 L.**

| A. | M. J. | Æ. | 𝔇. |
|---|---|---|---|
| | I. | 20h 57m | 107° 50′ |
| 38 | 8- 5 | 13s,64 G | |
| | 8-15 | 13,55 G | 41″,4 F |
| | 9- 1 | 13,53 G | |
| 40 | 8-17 | 13,78 G | |
| | 8-20 | 13,38 G | 42,2 F |
| | 10-10 | 13,50 G | |
| | 10-12 | 13,43 G | |
| | 10-13 | 13,53 G | |
| | 10-14 | 13,71 G | |
| 41 | 7- 5[1] | 13,56 G | 58,3 F |
| | 8-19 | 13,57 G | |
| | 8-20 | 13,43 G | |
| | 8-29 | 13,77 G | 40,2 F |
| | 8-30 | | 44,0 F |
| 42 | 10-14 | 13,70 G | |
| | 10-15 | 13,75 G | |
| | 10-16 | 13,66 G | |
| | 10-17 | 13,55 G | |
| 44 | 6- 4 | 13,48 G | |
| | II. | 20h 58m | 107° 47′ |
| 54 | 8-27 | 4s,33 G | 12″,1 G |
| 58 | 9- 9 | | 10,7 G |
| | 9-18 | | 12,1 G |
| | 9-19 | 4,15 G | 12,0 G |
| | 10- 8 | | 14,4 G |
| | 11-12 | 4,45 G | 13,1 G |
| 59 | 7-15 | 4,37 G | 11,7 G |
| | 7-16 | 4,20 G | 11,4 G |
| | 7-17 | | 12,2 G |
| | 10- 5 | | 11,7 G |
| | 10- 6 | 4,26 G | |
| 62 | 8- 8 | 4,08 G | |
| 67 | 8-14 | 4,38 M | 12,2 M |
| | III. | 20h 58m | 107° 43′ |
| 68 | 8- 3 | | 39″,3 M |
| | 8-12 | 54s,97 M | 41,8 M |
| 69 | 8-19 | 55,04 M | 40,4 M |
| | 8-20 | 55,06 M | 40,0 M |
| 70 | 7-14 | 55,11 M | 39,4 M |
| 71 | 8-27 | 55,10 G | 41,4 G |
| | 8-28 | 55,18 G | 41,3 G |
| 73 | 9-20 | 55,10 M | |
| | 9-23 | 55,07 G | |
| | 9-25 | 55,24 G | |
| 79 | 9-25 | 55,06 G | 42,8 G |
| | 9-25 | 55,05 J | 41,2 J |
| 80 | 8-18 | 55,03 M | 40,5 M |
| | 9-15 | 55,08 M | 42,4 M |
| 81 | 9- 4 | 55,03 J | 42,3 J |
| | 9-15 | 55,05 M | 42,0 M |

[1] 𝔇 non comprise dans la moyenne.

**29562 P. — 40823 et 26 L.**

| A. | M. J. | Æ. | 𝔇. |
|---|---|---|---|
| | I. | 20h 57m | 94° 58′ |
| 40 | 9-12 | 24s,06 G | |
| | II. | 20h 58m | 94° 55′ |
| 55 | 9-16 | 11s,20 G | — |
| | 9-26 | | 3″,1 G |
| 56 | 7-26 | 11,07 G | |
| | 8- 3 | 11,42 G | |
| 57 | 7-31 | 11,14 G | 3,8 G |
| 61 | 10-24[1] | 11,15 G | 2,6 G |

**29562 P. (suite).**

| A. | M. J. | Æ. | 𝔇. |
|---|---|---|---|
| | III. | 20h 58m | 94° 51′ |
| 76 | 8- 7 | 58s,53 G | 32″,4 G |
| | 8-16 | 58,55 G | 30,7 G |
| | 9- 5 | | 31,5 G |
| | 9-19 | 58,38 G | 31,4 G |
| | 9-21 | 58,29 G | 31,4 G |
| | 9-22 | 58,31 G | 32,9 G |

[1] Æ augm. de 1h : err. d'impression.

**29563 P. — 4313 A + 24°.**

| A. | M. J. | Æ. | 𝔇. |
|---|---|---|---|
| | II. | 20h 58m | 65° 35′ |
| 58 | 10-15 | 19s,37 G | |

**29564 P. — 40837 L.**

| A. | M. J. | Æ. | 𝔇. |
|---|---|---|---|
| | III. | 20h 58m | 82° 32′ |
| 71 | 9- 9 | 59s,49 M | 51″,3 M |
| 74 | 9-18 | 59,27 M | 52,4 M |
| 75 | 9- 2 | 59,52 M | 53,6 M |
| | 9- 4 | 59,45 M | 52,5 M |

**29565 P. — 2750 Str. (la 1re).**

| A. | M. J. | Æ. | 𝔇. |
|---|---|---|---|
| | II. | 20h 58m | 77° 49′ |
| 58 | 8- 3 | 19s,43 G | |

**29566 P. — 4454 A + 25°.**

| A. | M. J. | Æ. | 𝔇. |
|---|---|---|---|
| | II. | 20h 58m | 64° 10′ |
| 59 | 10-22 | 23s,46 G | |

**29567 P. — 40846 L. (la 2e).**

| A. | M. J. | Æ. | 𝔇. |
|---|---|---|---|
| | II. | 20h 58m | 77° 49′ |
| 58 | 8- 3 | 20s,40 G | 56″,8 G |
| | III. | 20h 59m | 77° 46′ |
| 79 | 9- 3 | | 22″,9 G |

**29568 P. — 40822 L.**

| A. | M. J. | Æ. | 𝔇. |
|---|---|---|---|
| | I. | 20h 57m | 101° 13′ |
| 47 | 11-18 | 26s,96 G | 35″,9 G |
| | II. | 20h 58m | 101° 10′ |
| 54 | 8-28 | 15s,67 G | 2″,1 G |
| 58 | 8-27 | | 4,1 G |
| | III. | 20h 59m | 101° 6′ |
| 78 | 9- 2[1] | 4s,92 M | 32″,4 M |
| | 9-29 | 4,85 M | 33,4 M |

[1] Æ diminuée de 0s,18 : l'observateur a augmenté arbitrairement et à tort le dernier fil de 1s.

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**29569 P. — 40893 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | III. | 20h 59m | 37° 42' |
| 81 | 8- 8[1] | 8s,63 G | 48",1 G |

[1] D diminuée de 3" : erreur de réduct.

**29570 P. — 40849 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | II. | 20h 58m | 83° 27' |
| 55 | 10-13 | 24s,54 G | 50",1 G |
| | 10-20 | 24,23 G | |
| 57 | 10- 2 | 24,18 G | 50,4 G |
| | III. | 20h 59m | 83° 24' |
| 79 | 9-27 | 9s,10 J | 32",0 J |
| | 9-30 | 8,92 J | 32,3 J |

**29571 P. — 40864 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | III. | 20h 54m | 58° 49' |
| 74 | 8-20 | 9s,30 M | 24",4 M |
| | 8-22 | 9,39 M | 28,2 M |

**29572 P. — 40872, 74 et 76 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | II. | 20h 58m | 48° 55' |
| 66 | 8-18 | 37s,82 G | |
| | 8-23 | 37,81 G | |
| | III. | 20h 59m | 48° 51' |
| 80 | 8-27 | 11s,30 G | 55",6 G |
| | 9- 3 | 11,31 G | 56,2 G |
| | 9- 5 | 11,34 G | 55,0 G |
| | 9- 6 | 11,13 G | 53,7 G |
| | 9- 9 | 11,42 G | 54,4 G |
| 81 | 8-22 | 11,49 G | 54,4 G |
| | 10-17 | | 57,1 G |

**29573 P. — 40829 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | II. | 20h 58m | 99° 23' |
| 55 | 8-13 | 23s,83 G | |
| 57 | 10-16 | 23,87 G | 30",6 G |
| | III. | 20h 59m | 99° 19' |
| 74 | 8-31 | 12s,08 G | 60",0 G |
| 78 | 8-31 | 12,14 J | 59,0 J |

**29574 P. — 40862 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | III. | 20h 59m | 62° 11' |
| 71 | 9-18 | 12s,13 G | 22",1 G |
| 74 | 9-21 | 12,38 M | 22,4 M |
| 75 | 8-12 | 12,42 M | 21,5 M |

**29575 P. — 40828 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | I. | 20h 57m | 84° 39' |
| 39 | 8-24 | 45s,77 G | |
| 40 | 9-29 | 45,78 G | |
| | 9-30 | 45,69 G | |
| 41 | 9-13 | 45,81 G | |
| 46 | 7-20 | 45,81 G | |
| | 9-15 | 45,75 G | |
| 49 | 8-31 | 45,72 G | |
| | 9- 6 | 45,81 G | |
| | 9- 7 | 45,90 G | |
| 50 | 9- 7 | | 3",7 G |
| | II. | 20h 58m | 84° 35' |
| 55 | 10- 2 | | 32",9 G |
| 60 | 8-16 | 30s,24 G | 32,8 F |
| | 9-19 | 30,21 G | 35,6 G |
| | 9-19 | | 33,1 F |
| | III. | 20h 59m | 84° 32' |
| 69 | 10- 5 | | 6",1 G |
| 74 | 9-24 | | 6,0 G |
| 79 | 8- 1 | 14s,83 G | 4,6 G |

**29576 P. — 27180 Mn1.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | II. | 20h 58m | 90° 37' |
| 58 | 9- 5 | 29s,16 G | |

**29577 P. — 40859 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | II. | 20h 58m | 71° 53' |
| 57 | 9-11 | | 58",1 G |
| 59 | 7-17 | 38s,81 G | |
| | III. | 20h 59m | 71° 50' |
| 71 | 8-12 | 20s,66 G | 27",3 G |
| | 8-22 | 20,35 G | |
| | 8-23 | 20,41 M | 28,9 M |
| | 9- 2 | 20,53 G | 27,6 G |

**29578 P. — 40844 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | II. | 20h 58m | 83° 29' |
| 56 | 10-21 | | 56",3 G |
| 57 | 10- 2 | 36s,08 G | |

**29579 P. — 40835-36 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | I. | 20h 57m | 110° 47' |
| 39 | 9- 7 | 51s,62 G | 44",6 F |
| | 9- 9 | 51,52 G | |
| | 9-18 | 51,36 G | |
| 46 | 7-23 | 51,35 G | |
| | 8-18 | 51,61 G | |
| 49 | 8-21 | 51,40 G | |
| 50 | 9- 4 | 51,39 G | |
| 51 | 8-22 | 51,39 G | |
| 52 | 11- 6 | 51,78 G | |

**29579 P. (suite).**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | II. | 20h 58m | 110° 44' |
| 55 | 9-19 | 42s,94 G | |
| 59 | 10-26 | | 14",0 G |
| | III. | 20h 59m | 110° 40' |
| 79 | 8- 1 | 34s,29 J | 42",5 J |

**29580 P. — 40831 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | II. | 20h 58m | 113° 46' |
| 57 | 8-12 | 43s,88 G | 26",9 G |
| 58 | 8- 5 | | 25,5 G |
| 61 | 9- 2 | 43,98 G | 26,6 G |
| | 10-20 | 44,02 G | 28,2 G |

**29581 P. — 40850-51 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | I. | 20h 58m | 102° 34' |
| 40 | 10-30[1] | 2s,45 G | |
| | II. | 20h 58m | 102° 30' |
| 54 | 8-30 | 51s,57 G | 43",0 G |
| | 9- 6 | 51,65 G | 43,0 G |
| | III. | 20h 59m | 102° 27' |
| 78 | 8-24 | 40s,97 M | 10",7 M |
| | 9-20 | 41,02 M | 11,1 M |

[1] Erreur de 1° dans la désignation D inscrite au tome III. Le registre porte ★ h = 28° 35'.

**29582 P. — 21107 A.O.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | III. | 20h 59m | 107° 2' |
| 68 | 9- 2 | 41s,67 M | 28",1 M |
| | 9- 3 | 41,78 M | 26,0 M |
| | 9- 4 | 41,76 M | 26,4 M |

**29583 P. — 1494 W1.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | II. | 20h 58m | 96° 6' |
| 57 | 9-22 | 54s,75 G | 26",5 G |

**29584 P. — 40853 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | II. | 20h 58m | 104° 3' |
| 54 | 8-29 | 55s,13 G | 45",6 G |
| 58 | 10-29 | | 44,4 F |
| 62 | 8- 3[1] | 55,34 G | 44,2 G |
| | 8-13 | 55,31 G | 45,7 G |
| | 9- 9 | 55,33 G | 45,8 G |

**29584 P. (suite).**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | III. | 20h 59m | 104° 0' |
| 78 | 8-12 | 45s,09 G | 12",9 G |
| | 8-24 | 44,97 G | |

[1] Æ diminuée de 1s : erreur de moy.

**29585 P. — 40882 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | III. | 20h 59m | 63° 44' |
| 80 | 9- 1 | 45s,03 J | 29",4 J |
| | 9-13 | 45,35 J | 29,2 J |

**29586 P. — 40831 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | II. | 20h 59m | 65° 26' |
| 58 | 9-14 | 5s,82 G | 43",1 G |
| | 9-17 | 5,81 G | |
| | 10- 4 | 6,05 G | 41,9 G |
| 59 | 10- 2 | 6,07 G | 42,2 G |

**29587 P. — 40919 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | III. | 20h 59m | 41° 15' |
| 81 | 9-29 | 47s,22 G | 23",6 G |
| | 10- 3 | | 24,3 G |

**29588 P. — 40842 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | II. | 20h 58m | 113° 42' |
| 55 | 7-27 | 55s,62 G | |
| 57 | 8-12 | 55,73 G | |
| 60 | 10- 4 | 55,64 G | 29",3 G |
| 61 | 9- 2 | 55,70 G | |
| | 10- 9 | 55,67 G | 30,8 G |
| | 10-20[1] | 56,12 G | 29,9 G |

[1] Æ non comprise dans la moyenne.

**29589 P. — 40871 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | II. | 20h 59m | 73° 40' |
| 58 | 9- 6 | 6s,71 G | 15",8 G |
| | 9-27[1] | 6,78 G | 16,6 G |
| | 10- 1 | | 16,5 G |

[1] D augmentée de 5'.

**29590 P. — 40840-41 L.**

| A. | M. J. | Æ | D |
|---|---|---|---|
| | I. | 20h 58m | 115° 37' |
| 37 | 9- 6 | 3s,20 G | |
| 38 | 10- 3 | 3,09 G | |
| 39 | 8-23 | 3,24 G | 14",7 F |
| 40 | 10- 6 | 3,22 G | |
| 41 | 8- 7 | 3,18 G | |
| 43 | 10-17 | 2,95 G | |
| 46 | 9-10 | 3,07 G | |
| 49 | 9-18 | 3,24 G | 16, G |

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|

### 29590 P. (suite).

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h58m | 115°33' |
| 57 7-11 | 56s,04 G | |
| 61 10-26 | 56,10 G | 46",7 G |
| | III. | |
| | 20h59m | 115°30' |
| 79 9-8 | 48s,73 J | 15",7 J |
| 10-3 | 48,82 J | 12,9 J |
| 10-4 | 48,74 J | 16,0 J |
| 10-6 | 48,71 J | 16,4 J |
| 10-7 | 48,74 J | 14,9 J |

### 29591 P. — 40880 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h59m | 69°49' |
| 56 9-19 | | 45",6 G |
| 58 8-8 | | 46,4 G |
| 61 9-27 | 10s,04 G | 45,4 G |
| | III. | |
| | 20h59m | 69°46' |
| 71 9-15 | 50s,90 M | 15",9 M |
| 9-15 | 51,11 G | 12,1 G |

### 29592 P. — 40858 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h59m | 96°19' |
| 55 9-27 | | 10",4 G |
| 56 8-24 | 3s,47 G | 9,6 G |
| | III. | |
| | 20h59m | 96°15' |
| 76 9-21 | 51s,34 M | 37",6 M |
| 9-22 | 51,19 M | 37,9 M |

### 29593 P. — 40852 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h59m | 110°37' |
| 55 9-25 | 1s,62 G | 28",7 G |
| | III. | |
| | 20h59m | 110°33' |
| 79 8-12 | 53s,03 M | 58",1 M |

### 29594 P. — 1496 W1.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h59m | 90°46' |
| 58 9-5 | 7s,57 G | |

### 29595 P. — 40873 et 75 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h59m | 75°13' |
| 56 8-4 | 12s,51 G | |
| 9-3 | | 35",3 G |
| 58 8-16 | 12,49 G | 36,6 G |
| 9-11 | 12,62 G | 36,9 G |

### 29596 P. — 40938 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 20h59m | 55°4' |
| 80 9-26[1] | 55s,47 J | 5",8 J |

[1] 𝒟 diminuée de 1".

### 29597 P. — 40914 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 20h59m | 48°3' |
| 80 9-24 | 56s,72 G | 17",7 G |
| 10-1 | 57,08 G | 17,3 G |

### 29598 P. — 40847 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h59m | 117°50' |
| 55 8-17 | 3s,90 G | |
| 58 8-4 | | 55",4 G |
| 10-6 | | 61,2 G |
| 59 10-17 | | 59,6 G |
| | III. | |
| | 20h59m | 117°47' |
| 81 9-30 | 57s,59 M | 26",1 M |
| 10-1 | 57,50 M | 27,9 M |

### 29599 P. — 40929 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 20h59m | 37°12' |
| 80 9-15 | 58s,58 G | 39",8 G |
| 9-22 | 58,68 G | 39,0 G |

### 29600 P. — 9261 Brux.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h59m | 51°48' |
| 58 8-20[1] | 28s,54 G | |

[1] 𝒜 augmentée de 2m : les minutes sont inscrites à l'encre sur le Cahier, et par conséquent ne l'ont pas été au moment où l'observation a été faite.

### 29601 P. — 40883 et 85 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II | |
| | 20h59m | 74°45' |
| 58 10-5 | 22s,82 G | 17",4 G |
| 59 7-25[1] | 21,73 G | |
| 67 8-22 | 22,88 M | 16,6 M |
| 8-23 | | 18,0 M |
| 8-27 | | 17,7 M |
| 8-28 | 22,82 M | 18,2 M |
| | III. | |
| | 21h0m | 74°41' |
| 71 8-16 | 5s,23 G | |

[1] 𝒜 non comprise dans la moyenne : erreur probable de 1s.

### 29602 P. — 40863 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h59m | 103°14' |
| 60 9-12 | 17s,52 G | 41",8 G |
| 62 8-12 | 17,34 G | 41,3 G |
| 67 9-24 | 17,44 M | 39,8 M |
| | III. | |
| | 21h0m | 103°11' |
| 78 10-2 | 6s,79 M | 7",7 M |

### 29603 P. — 40854 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 20h58m | 83°6' |
| 40 9-16 | 38s,74 G | |
| | II. | |
| | 20h59m | 83°3' |
| 56 9-5[1] | 23s,06 G | 4",3 G |
| 9-27 | 23,27 G | |
| 58 8-28 | | 3,4 F |
| 59 9-1 | | 3,3 G |
| 62 9-14[2] | 23,15 G | 4,4 G |
| | III. | |
| | 21h0m | 82°59' |
| 74 7-30 | 7s,60 M | 30",3 M |
| 8-20 | 7,68 G | 32,5 G |
| 79 9-18 | 7,55 G | 29,9 G |
| 9-19 | 7,57 G | 31,9 G |
| 10-3 | 7,64 G | 30,0 G |

[1] Erreur dans la déclinaison approchée inscrite à l'obs. de passage (dist. des fils). Le Cahier donne H = 273°7', nombre qui correspond, non à la hauteur, mais à la lecture au Cercle de Gambey.

[2] 𝒟 diminuée de 3" : erreur de transcr.

### 29604 P. — 40869 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h59m | 90°39' |
| 55 8-9 | 22s,01 G | |
| 58 8-27 | | 49",1 F |
| 9-4 | | 47,2 G |
| 9-5 | | 47,6 G |
| 9-11 | | 48,8 F |
| 9-27 | | 49,5 F |
| | III. | |
| | 21h0m | 90°36' |
| 76 9-23 | 8s,31 G | 15",8 G |
| 10-7 | 8,27 G | 16,1 G |
| 10-9 | | 16,9 G |

### 29605 P. — 40900-01 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h59m | 61°27' |
| 58 11-10 | | 37",3 G |
| 61 10-2 | 31s,54 G | 37,7 G |
| | III. | |
| | 21h0m | 61°24' |
| 79 8-11 | 9s,73 G | 2",8 G |

### 29606 P. — 40861 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h59m | 106°31' |
| 54 9-2[1] | 20s,42 G | 52",3 G |
| 9-8 | 20,67 G | |
| 67 9-19 | 20,90 M | 51,7 M |

[1] Indiquée à tort à l'obs. de passage comme 40863 Lal. (dist. des fils).

### 29607 P. — 40910 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 21h0m | 57°0' |
| 74 8-19 | 11s,04 M | 9",9 M |
| 79 9-1[1] | 10,92 G | 9,9 G |

[1] 𝒜 augmentée de 0s,36 : erreur de moy. et de 1s sur un fil.

### 29608 P. — 40860 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h59m | 111°3' |
| 55 9-7 | 19s,97 G | |
| 57 6-29 | | 35",6 G |
| | III. | |
| | 21h0m | 111°0' |
| 79 8-20 | 11s,40 J | 3",3 J |
| 9-18 | 11,54 J | 2,8 J |

### 29609 P. — 40865 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h59m | 104°28' |
| 54 9-16 | 23s,36 G | |
| 60 9-16 | | 50",9 G |
| 61 10-4 | | 51,2 G |
| 10-19 | 23,72 G | 50,8 G |

### 29610 P. — 40896 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h59m | 69°36' |
| 58 8-28 | 34s,26 G | |
| 11-11 | | 36",5 G |
| 59 7-28 | 34,24 G | 37,4 G |
| 8-16 | | 37,6 G |

### 29611 P. — 40866 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 20h59m | 106°18' |
| 54 9-19 | 25s,28 G | |
| 60 10-3 | 25,17 G | |
| 61 10-14 | 25,07 G | 3",2 G |
| | III. | |
| | 21h0m | 106°14' |
| 80 6-26 | 15s,17 G | |
| 8-26 | 15,06 M | 32",6 M |
| 81 8-22 | 15,07 M | 32,9 M |
| 8-27 | 15,15 M | 33,8 M |

Dates 1800+ — Positions moyennes pour les époques du Catal.

**29612 P. — 21124 A.O.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | $20^h 58^m$ | 107°2′ |
| 45 7-23 | $35^s$,63 G | |

**29613 P. — 8090 Berlin B.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | $20^h 59^m$ | 65°29′ |
| 58 10-15 | $38^s$,23 G | |
| 59 10- 2 | 38,79 G | |

**29614 P. — 40879 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | $20^h 59^m$ | 91°35′ |
| 56 7-31 | $32^s$,53 G | |
| 8- 2 | 32,35 G | |
| III. | $21^h 0^m$ | 91°31′ |
| 80 9 3 | $18^s$,90 M | 28″,2 M |

**29615 P. — 40886 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | $20^h 59^m$ | 86°45′ |
| 55 11- 2 | $36^s$,67 G | |
| 56 8-26 | | 27″,3 G |
| 57 9-21 | 36,80 G | |
| III. | $21^h 0^m$ | 86°41′ |
| 69 10- 7 | | 55″,9 G |

**29616 P. — 40922 et 28 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | $20^h 59^m$ | 46°41′ |
| 37 1-15 | $17^s$,84 G | |
| 9- 6 | | 17″,1 F |
| 11-29 | | 16,8 F |
| 38 12-14 | | 17,1 F |
| 40 9-21 | | 16,4 F |
| 48 9-15 | | 17,2 G |
| 9-26 | 17,65 G | |
| 52 12-10 | 17,78 G | |
| 12-11 | 17,75 G | |
| 12-15 | 17,83 G | |
| II. | $20^h 59^m$ | 46°37′ |
| 66 8- 6 | $50^s$,45 G | |
| 8- 9 | 50,65 G | |
| III. | $21^h 0^m$ | 46°34′ |
| 80 8-30 | $23^s$,00 G | 11″,4 G |
| 81 10- 5 | 22,84 G | 13,5 G |

**29617 P. — 6182 Sf.—17°.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | $21^h 0^m$ | 107°41′ |
| 68 8-12 | $23^s$,37 M | 49″,9 M |
| 80 9-20 | 23,86 M | 51,1 M |

**29618 P. — 462 Piazzi.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | $20^h 58^m$ | 109°42′ |
| 46 8-21 | $42^s$,30 G | |

**29619 P. — 40884 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | $20^h 59^m$ | 91°31′ |
| 55 8-22 | $39^s$,40 G | |
| 56 7-31 | 39,20 G | |
| 8- 2 | 39,23 G | |
| 59 9- 5 | 39,18 G | |
| 61 9-30 | 39,44 G | |
| 10-16 | 39,30 G | 19″,6 G |
| III. | $21^h 0^m$ | 91°27′ |
| 78 9-24 | $25^s$,91 G | 48″,7 G |
| 9-26 | 25,78 G | 47,2 G |
| 79 10-16 | 25,92 J | |

**29620 P. — 40913 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | $21^h 0^m$ | 65°59′ |
| 80 9-20 | $26^s$,74 J | 56″,8 J |
| 9-24 | 26,83 J | 57,5 J |
| 10- 1 | 26,93 J | 57,0 J |
| 81 8- 9 | 26,74 J | 57,7 J |
| 8-22 | 27,01 J | 56,8 J |
| 8-27 | 26,89 J | 56,2 J |

**29621 P. — 40947 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | $21^h 0^m$ | 39°42′ |
| 81 10-14 | $30^s$,69 G | 48″,2 G |
| 10-18 | 30,58 G | 47,8 G |

**29622 P. — 40908 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | $20^h 59^m$ | 74°34′ |
| 67 9- 4 | $53^s$,88 M | 0″,7 M |
| III. | $21^h 0^m$ | 74°30′ |
| 79 9-12 | $35^s$,92 M | 28″,7 M |

**29623 P. — 40898 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | $20^h 59^m$ | 86°28′ |
| 57 10-24[1] | | 20″,8 G |
| 59 8-24 | $53^s$,63 G | |
| III. | $21^h 0^m$ | 86°24′ |
| 71 9-18 | $38^s$,88 M | 46″,6 M |

[1] 𝒫 augmentée de 9″,7 : pour l'un des 2 microscopes lus, on avait inscrit $2^t + 9^p,7$ au lieu de $2^t - 9^p,7$

**29624 P. — 8872 Rümker.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | $20^h 59^m$ | 108°4′ |
| 41 8-19 | $1^s$,83 G | |
| 8-20 | 1,53 G | |

**29625 P. — 40890-91 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | $20^h 59^m$ | 98°43′ |
| 57 8- 9 | $55^s$,30 G | |
| 58 8-17 | 55,40 G | |
| III. | $21^h 0^m$ | 98°39′ |
| 79 8-16 | $43^s$,25 J | 54″,1 J |
| 80 9-13 | 43,46 M | 55,2 M |

**29626 P. — 40892 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | $20^h 59^m$ | 98°47′ |
| 57 8- 9 | $56^s$,58 G | |
| 58 8-17 | 56,52 G | 40″,1 G |
| 60 8-17 | 56,67 G | |
| 61 10-10 | 56,71 G | 41,1 G |
| 10-18 | 56,77 G | 40,9 G |
| III. | $21^h 0^m$ | 98°44′ |
| 74 8-26 | $44^s$,76 G | 7″,3 G |
| 76 10- 6 | 44,97 M | 8,2 M |
| 10- 7 | 44,94 M | 8,8 M |

**29627 P. — 40920 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | $21^h 0^m$ | 71°25′ |
| 59 8-29 | | 16″,6 G |
| III. | $21^h 0^m$ | 71°21′ |
| 71 8-19 | $44^s$,90 G | |
| 74 9-14 | 44,87 G | 43″,9 G |

**29628 P. — 40888-89 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | $20^h 59^m$ | 101°52′ |
| 47 11-18 | $7^s$,91 G | |
| II. | $20^h 59^m$ | 101°49′ |
| 59 10-17 | $56^s$,75 G | |
| III. | $21^h 0^m$ | 101°45′ |
| 78 8-26 | $45^s$,83 M | 33″,0 M |
| 9-24 | 45,75 M | 32,8 M |

**29629 P. — 40981 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | $21^h 0^m$ | 55°9′ |
| 81 9-15 | $46^s$,25 J | 58″,9 J |

**29630 P. — 4173 A + 37°.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | $21^h 0^m$ | 52°4′ |
| 67 8- 5 | $16^s$,13 G | 33″,1 G |
| III. | $21^h 0^m$ | 52°1′ |
| 79 9-10 | $50^s$,87 G | 1″,2 G |
| 9-11 | 51,17 G | |

**29631 P. — 40907 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | $21^h 0^m$ | 91°19′ |
| 58 9- 9 | | 32″,3 F |
| 10-30 | | 34,7 G |
| III. | $21^h 0^m$ | 91°15′ |
| 78 9- 2 | $55^s$,57 J | 59″,8 J |
| 9-19 | 55,66 G | 57,1 G |
| 9-20 | 55,55 G | |

**29632 P. — 40934 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | $21^h 0^m$ | 62°5′ |
| 81 9-13 | $57^s$,02 J | 11″,2 J |
| 9-16 | 56,75 J | 12,1 J |
| 9-18 | 56,79 J | 11,1 J |

**29633 P. — 40930 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | $21^h 0^m$ | 63°38′ |
| 58 9-16 | $18^s$,14 G | 3″,0 G |
| III. | $21^h 0^m$ | 63°34′ |
| 71 8-26 | $57^s$,40 M | 30″,0 M |
| 8-26 | 57,29 G | 28,8 G |

**29634 P. — 40894 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | $21^h 0^m$ | 106°11′ |
| 55 7-23 | | 4″,3 G |
| III. | $21^h 1^m$ | 106°7′ |
| 81 9-17 | $0^s$,86 M | 30″,9 M |
| 9-19[1] | 0,89 M | 29,1 M |

[1] 𝒜 augm. de $0^s$,25 et 𝒫 augm. de +2″,5 : erreurs de réduct.

**29635 P. — 27277 $Mn_1$.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | $21^h 0^m$ | 81°18′ |
| 61 10- 31[1] | $18^s$,95 G | |

[1] 𝒜 augmentée de $0^s$,08 : err. de moy.

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (Æ. — P.)

**29636 P. — 40916 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | | |
| | 21h0m | 86°25′ |
| 57 8-13 | 17s,62 G | 3″,7 G |
| III. | | |
| | 21h1m | 86°21′ |
| 71 9-5[1] | 2s,76 M | 30″,7 M |
| 9-9 | 2,60 M | 30,8 M |
| 9-16 | 2,84 M | 32,7 M |

[1] P augmentée de 3″,3 : erreur de moy.

**29637 P. — 9273 Brux.**

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | | |
| | 21h0m | 63°37′ |
| 58 9-16 | 23s,97 G | |

**29638 P. — 40903 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| III. | | |
| | 21h1m | 98°55′ |
| 76 10-9 | 4s,68 M | 55″,6 M |
| 80 9-24 | 4,59 M | 54,4 M |

**29639 P. — 40911 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| III. | | |
| | 21h1m | 96°4′ |
| 68 8-22 | 6s,08 M | 31″,0 M |
| 8-29 | 5,90 M | 32,0 M |
| 69 8-24 | 6,20 M | |

**29640 P. — 5606 Sf. — 10a.**

| A. M. J. | Æ. | P. |
|---|---|---|
| I. | | |
| | 20h59m | 100°49′ |
| 40 8-17 | | 39″,0 F |

**29641 P. — 40917 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| III. | | |
| | 21h1m | 90°39′ |
| 68 8-11 | 7s,68 M | 54″,0 M |
| 69 8-27 | 8,05 M | 54,2 M |
| 76 8-7 | 7,86 G | 55,3 G |
| 8-10 | | 53,5 G |
| 9-5 | | 53,5 G |

**29642 P. — 40927 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | | |
| | 21h0m | 76°6′ |
| 57 10-3 | 27s,64 G | 50″,3 G |
| 10-13 | 27,57 G | 49,6 G |

**29643 P. — 3393 Gr.**

| A. M. J. | Æ. | P. |
|---|---|---|
| I. | | |
| | 21h0m | 35°1′ |
| 41 7-22 | | 50″,0 F |

**29644 P. — 21138 A.O.**

| A. M. J. | Æ. | P. |
|---|---|---|
| I. | | |
| | 20h59m | 107°20′ |
| 40 8-20 | | 46″,8 F |

**29645 P. — 40956 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| III. | | |
| | 21h1m | 57°15′ |
| 74 8-21 | 14s,89 M | 12″,3 M |
| 9-14 | 15,15 M | 12,4 M |
| 75 9-6 | 15,14 M | 12,6 M |
| 9-8 | 14,88 M | 12,6 M |

**29646 P. — 40897 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | | |
| | 21h0m | 114°45′ |
| 59 10-17 | | 59″,8 G |
| III. | | |
| | 21h1m | 114°42′ |
| 81 9-29 | 15s,25 M | 25″,7 M |

**29647 P. — 40951 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| III. | | |
| | 21h1m | 59°18′ |
| 80 9-9 | 15s,78 J | 55″,7 J |
| 81 9-19 | 15,70 J | 56,1 J |

**29648 P. — 40953 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| III. | | |
| | 21h1m | 58°2′ |
| 80 9-30 | 16s,61 J | 44″,9 J |
| 10-9 | 16,60 J | 44,8 J |
| 10-10 | 16,58 J | 45,8 J |

**29649 P. — 8588 Berlin A.**

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | | |
| | 21h0m | 73°31′ |
| 58 9-27 | 35s,48 G | |

**29650 P. — 40939 L.**

61[1] Cygne.

Étoile fondamentale.

**29651 P. — 40935 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | | |
| | 21h0m | 75°9′ |
| 58 8-16 | 35s,15 G | 34″,9 G |
| III. | | |
| | 21h1m | 75°6′ |
| 71 9-12 | 17s,78 G | |
| 9-14 | 17,73 G | |

**29652 P. — 40940 L.**

61[2] Cygne.

Étoile fondamentale.

**29653 P. — 40931 à 33 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | | |
| | 21h0m | 81°15′ |
| 57 7-27 | 37s,40 G | |
| 8-2 | 37,51 G | 51″,3 G |
| 59 8-23 | | 54,7 G |
| 61 10-3 | | 53,9 G |

**29654 P. — 40909 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| I. | | |
| | 20h59m | 111°48′ |
| 39 8-24 | 40s,37 G | |
| 46 7-20 | 40,58 G | |
| II. | | |
| | 21h0m | 111°45′ |
| 57 9-29 | 31s,72 G | 13″,7 G |
| 58 10-31 | | 10,6 G |
| 60 10-6[1] | 32,11 G | 13,1 G |
| 61 10-15 | 32,16 G | 14,0 G |

[1] P augmentée de 20″ : erreur de moy.

**29655 P. — 40918 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | | |
| | 21h0m | 103°26′ |
| 57 10-16 | 34s,70 G | 33″,7 G |
| 58 9-9 | | 31,6 G |
| 62 9-12 | 34,80 G | 30,7 G |
| 9-13 | 34,90 G | 32,8 G |

**29656 P. — 40926 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | | |
| | 21h0m | 89°24′ |
| 55 10-16 | 40s,75 G | 21″,3 G |
| 58 9-15 | 40,80 G | 20,6 G |

**29657 P. — 40984 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| III. | | |
| | 21h1m | 42°41′ |
| 80 8-13 | | 42″,8 G |
| 81 9-30 | 26s,91 G | 42,0 G |

**29658 P. — 40985 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| III. | | |
| | 21h1m | 45°42′ |
| 81 8-24 | 37s,06 G | 34″,9 G |

**29659 P. — 40997 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| III. | | |
| | 21h1m | 42°27′ |
| 80 9-14 | 39s,67 G | 19″,5 G |
| 10-18 | 40,09 G | 21,7 G |

**29660 P. — 40980 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | | |
| | 21h1m | 52°31′ |
| 67 9-4 | | 9″,3 G |
| III. | | |
| | 21h1m | 52°27′ |
| 68 8-4 | 40s,07 G | |
| 74 9-15 | 40,11 G | 35″,5 G |

**29661 P. — 40923 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | | |
| | 21h0m | 104°23′ |
| 58 8-27 | | 48″,2 G |
| 61 9-26 | 50s,57 G | 49,2 G |
| III. | | |
| | 21h1m | 104°20′ |
| 78 9-6 | 40s,27 M | 17″,5 M |
| 9-21 | 40,17 M | 18,0 M |

**29662 P. — 40973 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| III. | | |
| | 21h1m | 56°22′ |
| 81 9-28 | 40s,48 J | 2″,0 J |

**29663 P. — 40954-55 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | | |
| | 21h0m | 74°54′ |
| 57 8-14 | | 0″,3 G |
| 8-21 | | 1,1 G |
| 58 7-19 | 58s,35 G | |
| 62 8-5 | 58,60 G | 2,6 G |

**29664 P. — 40952 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | | |
| | 21h0m | 76°12′ |
| 58 10-2 | | 48″,5 G |
| 10-3 | 59s,62 G | 48,7 G |
| III. | | |
| | 21h1m | 76°9′ |
| 71 9-3 | 42s,19 G | 12″,7 G |

**29665 P. — 40915 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | | |
| | 21h0m | 117°40′ |
| 59 10-26 | | 15″,1 G |

**29666 P. — 40878 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| III. | | |
| | 21h1m | 83°4′ |
| 73 8-23 | 45s,14 M | 8″,1 M |
| 74 9-15 | 45,40 M | 9,3 M |
| 75 8-17 | 45,35 M | 8,8 M |
| 9-14 | 45,40 M | 8,9 M |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜, 𝒟)

### 29667 P. — 40944 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | | |
| | 21h1m | 85°21' |
| 74 9-18 | 46s,51G | 1",4G |
| 75 8-27 | 46,54G | 1,4G |

### 29668 P. — 41007 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | | |
| | 21h1m | 37°52' |
| 80 9-6 | 46s,67G | 51",9G |
| 81 8-1 | 46,58G | 52,4G |

### 29669 P. — 40979 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | | |
| | 21h1m | 59°57' |
| 58 8-10 | 13s,87G | |
| III. | | |
| | 21h1m | 59°54' |
| 71 9-17 | 52s,00G | |
| 74 9-19 | 51,86M | 19",8M |
| 79 8-1 | 51,88G | 21,7G |

### 29670 P. — 40937 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | | |
| | 21h1m | 98°47' |
| 59 8-7 | 6s,86G | 28",5G |
| III. | | |
| | 21h1m | 98°43' |
| 79 9-11 | 55s,31J | 55",6J |

### 29671 P. — 40960 à 62 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | | |
| | 21h1m | 81°8' |
| 79 9-3 | 55s,34G | 24",5G |

### 29672 P. — 40964 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | | |
| | 21h1m | 77°50' |
| 71 8-13 | 56s,57G | 12",7G |
| 79 9-25 | 56,29J | 14,0J |
| 9-27 | 56,40J | 13,9J |
| 9-30 | 56,32J | 14,4J |

### 29673 P. — 3 $W_2$.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | | |
| | 21h1m | 52°1' |
| 58 7-14 | 26s,72G | |
| III. | | |
| | 21h2m | 51°57' |
| 81 9-13 | 2s,02M | 44",2M |

### 29674 P. — 40968 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | | |
| | 21h1m | 75°53' |
| 57 9-6 | 20s,29G | 18",7G |
| 67 8-31 | 20,46M | 19,6M |

### 29675 P. — 40969 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | | |
| | 21h2m | 77°21' |
| 71 8-12 | | 24",4G |
| 79 9-12 | 4s,77G | 25,6G |
| 9-30 | 4,84G | 24,2G |

### 29676 P. — 40950 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | | |
| | 21h1m | 97°32' |
| 56 7-26 | 18s,00G | 59",8G |
| 8-3 | 17,80G | |
| 58 7-30 | | 58,8G |

### 29677 P. — 40936 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | | |
| | 21h0m | 110°48' |
| 46 8-10 | 25s,18G | |
| 48 9-4 | | 57",4G |
| II. | | |
| | 21h1m | 110°45' |
| 55 9-19 | 16s,64G | 26",1G |
| III. | | |
| | 21h2m | 110°41' |
| 79 8-2 | | 49",6J |

### 29678 P. — 40996 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | | |
| | 21h2m | 57°59' |
| 81 10-1 | 8s,91J | 59",5J |

### 29679 P. — 40941 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | | |
| | 21h1m | 106°43' |
| 56 8-1 | | 21",2G |
| 60 8-9 | 21s,91G | 22,3G |
| III. | | |
| | 21h2m | 106°39' |
| 78 8-24 | 12s,21M | 47",2M |
| 9-11 | 12,25M | 48,1M |

### 29680 P. — 40957-58 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | | |
| | 21h1m | 101°22' |
| 54 8-24 | | 19",3G |
| 9-19 | 27s,40G | |
| 61 10-24 | 27,57G | 22,0G |

### 29681 P. — 41013 à 15 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | | |
| | 21h2m | 42°51' |
| 80 8-26 | 17s,74G | 11",4G |
| 9-2 | 17,49G | 10,7G |
| 81 9-17 | | 8,4G |

### 29682 P. — 40966 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | | |
| | 21h1m | 96°8' |
| 55 8-16 | | 36",9G |
| 57 9-22 | 34s,46G | 37,5G |
| 58 8-23 | 34,56G | 36,7G |
| 9-26 | 34,44G | 33,5G |
| III. | | |
| | 21h2m | 96°5' |
| 69 8-25 | 21s,94M | 2",8M |
| 76 9-21 | 21,84M | 3,3M |
| 9-22 | 21,99M | 2,8M |

### 29683 P. — 40990 et 93 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | | |
| | 21h1m | 68°47' |
| 58 11-10 | | 45",6G |
| III. | | |
| | 21h2m | 68°44' |
| 71 9-18 | 22s,20G | 11",4G |
| 74 9-18 | 22,28M | 11,9M |
| 80 9-13 | 22,43J | 13,0J |
| 81 9-30 | 22,57J | 12,7J |

### 29684 P. — 40948-49 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | | |
| | 21h0m | 111°10' |
| 39 8-24 | 40s,72G | |
| 8-28 | 40,72G | |
| 9-7 | | 28",3F |
| 9-11 [1] | | 29,1F |
| 9-18 | 40,77G | |
| 40 8-17 | 40,92G | |
| 41 9-8 | 41,00G | |
| 9-29 | 40,69G | |
| II. | | |
| | 21h1m | 111°6' |
| 58 8-5 | | 55",6G |
| 8-15 | | 56,8G |
| 8-27 | 32s,49G | 55,9G |
| 60 9-19 | 32,25G | 59,1G |
| 9-19 | | 57,1F |

[1] 𝒟 diminuée de 1' : erreur de réduct.

### 29685 P. — 481 Piazzi.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | | |
| | 21h0m | 107°14' |
| 40 10-6 | 44s,97G | |

### 29686 P. — 41017 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | | |
| | 21h2m | 44°49' |
| 80 9-8 | 25s,71G | 33",3G |
| 9-13 | 25,77G | 34,1G |
| 81 9-15 | 25,75G | 34,3G |

### 29687 P. — 40983 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | | |
| | 21h1m | 77°8' |
| 58 10-1 | | 23",3G |
| 10-8 | | 26,5G |
| III. | | |
| | 21h2m | 77°4' |
| 71 8-16 | 25s,91G | |
| 8-22 | 25,52G | |
| 8-23 | 25,85M | 47",5M |
| 9-2 | 25,73G | 49,5G |
| 9-15 | 25,82M | 50,5M |
| 9-15 | 25,82G | 47,9G |

### 29688 P. — 41022 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | | |
| | 21h2m | 42°18' |
| 80 9-20 | 27s,36G | 46",7G |
| 81 9-28 | 27,59G | 46,5G |

### 29689 P. — 40965 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | | |
| | 21h1m | 101°19' |
| 54 8-27 | 38s,70G | 32",4G |
| 61 10-24 | 38,95G | |
| III. | | |
| | 21h2m | 101°15' |
| 78 9-19 | 27s,54M | 59",2M |
| 9-27 | 27,60M | 56,7M |

### 29690 P. — 40977 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | | |
| | 21h1m | 88°46' |
| 55 10-2 | 44s,61G | 33",2G |
| III. | | |
| | 21h2m | 88°42' |
| 79 10-4 | 30s,17J | 59",2J |

### 29691 P. — 40972 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | | |
| | 21h1m | 94°22' |
| 56 8-2 | | 8",8G |
| III. | | |
| | 21h2m | 94°18' |
| 76 8-16 | 31s,61G | |
| 9-19 | 31,66G | |
| 9-21 | 31,69G | 35",3G |

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|

**29692 P. — 14 $W_2$.**

| | II. | |
|---|---|---|
| | 21h 1m | 66°27′ |
| 58 9-14 | 55s,30 G | 49″,8 G |

**29693 P. — 12164 Cambridge.**

| | II. | |
|---|---|---|
| | 21h 1m | 60°20′ |
| 58 8-28 | 59s,70 G | |

**29694 P. — 40971 L.**

| | II. | |
|---|---|---|
| | 21h 1m | 104°40′ |
| 54 8-26 | 51s,54 G | |
| 9-10 | | 54″,3 G |
| | III. | |
| | 21h 2m | 104°37′ |
| 79 10- 6 | 41s,28 J | 21″,3 J |

**29695 P. — 40992 L.**

| | III. | |
|---|---|---|
| | 21h 2m | 83°6′ |
| 71 9-12 | 41s,62 M | 10″,2 M |
| 80 9- 3 | 41,57 M | 10,7 M |

**29696 P. — 5483 Sf. — 5°.**

| | II. | |
|---|---|---|
| | 21h 1m | 95°31′ |
| 57 7-23 | 55s,91 G | |

**29697 P. — 41023 L.**

| | II. | |
|---|---|---|
| | 21h 2m | 45°53′ |
| 66 8-23 | 11s,44 G | |

**29698 P. — 40967 L.**

| | II. | |
|---|---|---|
| | 21h 1m | 113°5′ |
| 58 10- 6 | | 31″,4 G |
| 59 10-17 | | 30,0 G |
| 61 10-26 | 55s,01 G | 29,5 G |
| | III. | |
| | 21h 2m | 113°1′ |
| 79 8-20 | 46s,76 J | 56″,1 J |

**29699 P. — 40982 L.**

| | II. | |
|---|---|---|
| | 21h 1m | 94°27′ |
| 56 8-23 | | 28″,7 G |

**29699 P. (suite).**

| | III. | |
|---|---|---|
| | 21h 2m | 94°23′ |
| 68 8-20 | 46s,88 M | 54″,8 M |
| 74 9-24 | 46,85 M | 56,0 M |

**29700 P. — 40974-75 L.**

| | I. | |
|---|---|---|
| | 21h 1m | 101°59′ |
| 37 10-25 | 8s,68 G | |
| 43 9- 5 | 8,68 G | |
| 9- 6 | 8,97 G | 44″,0 F |
| 11-27 | 8,74 G | |
| 45 6-22 | 8,71 G | |
| 7-19 | 8,74 G | |
| 7-20 | 8,77 G | |
| 46 10- 1 | 8,77 G | |
| 47 11-13 | 8,68 G | 44,2 G |
| 48 7-17 | 8,70 G | 43,7 G |
| 50 9- 2 | | 44,9 F |
| 9-16 | 8,68 G | |
| 9-17 | 8,75 G | |
| 51 6-16 | 8,86 G | |
| 53 9-19 | 8,84 G | 44,1 G |
| | II. | |
| | 21h 1m | 101°56′ |
| 54 8-30 | 57s,72 G | |
| 58 9-13 | | 10″,3 G |
| 10-29 | | 9,3 F |
| 59 11- 2 | 58,08 G | |
| 61 10-12 | 57,64 G | 10,5 G |
| 11- 9 | 57,50 G | |
| 62 8- 8 | 57,78 G | |
| | III. | |
| | 21h 2m | 101°52′ |
| 68 8- 3 | 46s,98 M | 35″,3 M |
| 80 8-18 | 47,10 M | 35,3 M |
| 9-15 | 47,05 M | 37,0 M |
| 9-15 | 46,98 J | 35,2 J |
| 11- 9 | 47,07 J | 36,5 J |
| 81 8- 7 | 46,75 G | 34,7 G |
| 8- 8 | 47,01 M | 34,3 M |
| 8- 8 | 47,05 G | 34,9 G |
| 8- 8 | 47,05 J | 36,3 J |
| 8- 9 | 47,19 G | 35,7 G |
| 8- 9 | 47,06 J | 35,2 J |
| 9- 4 | 47,05 J | 34,6 J |
| 10- 3 | 47,10 M | 36,2 M |
| 10- 3 | 47,06 J | 35,9 J |

**29701 P. — 41011-12 L.**

| | III. | |
|---|---|---|
| | 21h 2m | 61°52′ |
| 80 9- 1 | 49s,64 J | 53″,7 J |
| 81 8-10 | 49,80 J | 54,4 J |

**29702 P. — 40989 L.**

| | II. | |
|---|---|---|
| | 21h 2m | 90°47′ |
| 55 8- 9 | 3s,95 G | |
| 9-27 | | 59″,1 G |
| 57 8-10 | 4,02 G | |
| | III. | |
| | 21h 2m | 90°44′ |
| 68 8-11 | 50s,31 M | 23″,6 M |
| 69 8-27 | 50,14 M | 24,3 M |

**29703 P. — 40998-99 L.**

| | III. | |
|---|---|---|
| | 21h 2m | 82°54′ |
| 71 9-18 | 51s,63 M | 55″,9 M |
| 74 7-30 | 51,62 M | 55,6 M |
| 9-25[1] | | 57,5 G |
| 10- 3 | 51,59 M | 55,8 M |

[1] 𝒫 diminuée de 0″,3 : err. de réduct.

**29704 P. — 41009 L.**

| | II. | |
|---|---|---|
| | 21h 2m | 66°26′ |
| 58 9-14 | 11s,62 G | |
| 10- 4 | 11,46 G | 39″,2 G |
| 11-11 | | 38,2 G |

**29705 P. — 41032 L.**

| | II. | |
|---|---|---|
| | 21h 2m | 42°49′ |
| 66 8-18 | 24s,24 G | |
| | III. | |
| | 21h 2m | 42°46′ |
| 80 8-27 | 55s,07 G | |
| 9-26 | 55,06 G | 7″,3 G |
| 9-27 | 54,74 G | 7,6 G |

**29706 P. — 21169 A.O.**

| | III. | |
|---|---|---|
| | 21h 2m | 107°45′ |
| 68 8-12 | 56s,36 M | 55″,2 M |
| 79 10- 3 | 56,48 G | 57,2 G |

**29707 P. — 41006 L.**

| | II. | |
|---|---|---|
| | 21h 2m | 74°46′ |
| 58 10- 5 | 14s,57 G | 16″,3 G |
| 10- 9 | | 17,2 G |
| 67 8-22 | 14,43 M | 18,2 M |
| 8-27 | 14,53 M | 19,0 M |
| 8-28 | 14,64 M | 18,4 M |

**29708 P. — 41010 L.**

| | III. | |
|---|---|---|
| | 21h 3m | 74°18′ |
| 71 8-27 | 0s,77 G | |
| 74 9-14 | 0,93 G | 26″,6 G |
| 79 9-18[1] | 0,61 G | |

[1] 𝒜 dim. de 1s : l'observateur a augmenté de 1s les 3 derniers fils, tandis qu'il eût fallu diminuer de 1s les 2 premiers.

**29709 P. — 40970 L.**

| | II. | |
|---|---|---|
| | 21h 2m | 119°3′ |
| 57 7-11 | 8s,22 G | |
| 58 8- 4 | | 25″,0 G |

**29709 P. (suite).**

| | III. | |
|---|---|---|
| | 21h 3m | 118°59′ |
| 79 10-16 | 2s,01 J | |

**29710 P. — 41039 L.**

| | III. | |
|---|---|---|
| | 21h 3m | 43°13′ |
| 81 9-19 | 3s,06 G | 32″,3 G |

**29711 P. — 41005 L**

| | II. | |
|---|---|---|
| | 21h 2m | 85°32′ |
| 55 11- 2 | 21s,79 G | |
| 57 8- 6 | | 7″,9 G |
| | III. | |
| | 21h 3m | 85°28′ |
| 79 8- 1 | 6s,59 J | 32″,3 J |
| 9- 8 | 6,73 J | 34,1 J |

**29712 P. — 27425 $Mn_1$.**

| | II. | |
|---|---|---|
| | 21h 2m | 89°5′ |
| 59 9- 1 | | 18″,2 G |
| | III. | |
| | 21h 3m | 89°1′ |
| 71 9- 9 | 8s,51 M | 44″,9 M |

**29713 P. — 41003-04 L.**

| | II. | |
|---|---|---|
| | 21h 2m | 88°59′ |
| 56 9- 5 | 23s,21 G | |
| 57 10- 2 | 23,23 G | 52″,1 G |
| 61 10- 2 | 23,10 G | 52,6 G |

**29714 P. — 40995 L.**

| | III. | |
|---|---|---|
| | 21h 3m | 104°46′ |
| 79 10- 3 | 9s,84 J | 33″,1 J |
| 10- 7 | 9,81 J | 33,5 J |

**29715 P. — 41025 L.**

| | III. | |
|---|---|---|
| | 21h 3m | 55°10′ |
| 69 9-23 | 10s,99 M | 16″,5 M |
| 74 8-19 | 10,99 M | 14,7 M |

**29716 P. — 40994 L.**

| | II. | |
|---|---|---|
| | 21h 2m | 106°15′ |
| 54 9- 6 | 21s,27 G | 59″,3 G |

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### 29716 P. (suite).

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 21h3m | 106°12' |
| 78 8-26 | 11s,48 M | 26",8 M |
| 9-20 | 11,34 M | 26,8 M |

### 29717 P. — 41030 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 21h2m | 52°5' |
| 40 8-30[1] | 2s,38 G | |
| 8-31 | 2,45 G | 41",0 F |
| 10-10 | 2,36 G | |
| 10-12 | 2,42 G | |
| 41 8-14 | 2,54 G | |
| 8-18 | 2,60 G | |
| 8-19 | 2,59 G | |
| 8-20 | 2,46 G | |
| 43 8-26 | 2,50 G | 39,0 F |
| 44 8-18 | 2,49 G | |
| 8-21 | 2,31 G | |
| 8-25 | 2,44 G | |
| 8-28 | 2,41 G | |
| 8-30 | 2,61 G | |
| 9-2 | 2,64 G | |
| 9-3 | 2,57 G | |
| 48 11-9 | 2,48 G | |
| 49 8-15 | 2,29 G | |
| 8-19 | 2,49 G | |
| 8-27 | 2,55 G | |
| 10-4 | 2,39 G | |
| 53 11-25 | 2,58 G | |
| II. | 21h2m | 52°2' |
| 60 10-25 | | 5",9 G |
| 61 8-17 | 37s,56 G | |
| III. | 21h3m | 51°58' |
| 74 8-20 | 12s,77 M | 30",0 M |
| 8-22 | 12,76 M | 31,0 M |

[1] Erreur dans la déclinaison approchée inscrite (dist. des fils).

### 29718 P. — 41046 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h2m | 45°35' |
| 66 8-29 | 44s,95 G | |
| III. | 21h3m | 45°32' |
| 80 9-3 | 17s,28 G | 23",1 G |
| 9-5 | | 23,0 G |

### 29719 P. — 40986 et 88 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h2m | 113°2' |
| 55 9-25[1] | 26s,17 G | 43",6 G |
| 61 10-26 | 26,26 G | 41,9 G |

### 29719 P. (suite).

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 21h3m | 112°59' |
| 79 8-16 | 18s,14 J | 5",9 J |
| 80 9-26 | 18,06 M | 4,8 M |
| 10-9[2] | 18,11 M | 5,6 M |
| 81 9-15 | 18,21 M | 5,8 M |

[1] Æ augmentée de 1m.
[2] Æ diminuée de 0s,50 : erreur de 1s sur les trois derniers fils.

### 29720 P. — 41026 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h2m | 60°21' |
| 58 8-28 | 42s,63 G | |
| 9-10 | | 28",7 G |
| 9-19 | 42,63 G | |
| 59 7-25 | 42,59 G | |
| 8-16 | 42,54 G | |
| III. | 21h3m | 60°17' |
| 79 9-1 | 20s,65 G | 54",7 G |

### 29721 P. — 41019 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h2m | 73°42' |
| 57 8-21[1] | | 49",0 G |
| 60 9-9 | 41s,08 G | 49,2 G |
| 9-12 | 41,18 G | 49,7 G |
| 10-3 | 41,21 G | |
| 10-4 | 41,20 G | 49,1 G |
| 62 9-9 | 41,06 G | 49,4 G |
| III. | 21h3m | 73°39' |
| 75 8-12 | 23s,18 M | 13",3 M |

[1] D augmentée de 1'.

### 29722 P. — 12176 Cambridge.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h2m | 60°50' |
| 57 9-13 | 46s,16 G | |

### 29723 P. — 4192 A + 37°.

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 21h2m | 52°8' |
| 40 10-13[1] | 17s,93 G | |
| 10-14 | 18,07 G | |

[1] Erreur dans la déclinaison approchée inscrite (dist. des fils). Le registre porte d'ailleurs ★ $h = 79°0'$. Æ dim. de 0s,20 : erreur de 1s sur un fil.

### 29724 P. — 41076, 79 et 116.

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 21h3m | 38°55' |
| 80 9-22 | | 11",8 G |
| 9-24 | | 12,6 G |
| 81 8-27[1] | 35s,78 G | 13,1 G |
| 9-13 | 35,45 G | 13,1 G |
| 10-3 | 35,88 G | 11,7 G |

[1] D augmentée de 5" : err. de transcr.

### 29725 P. — 41043 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 21h3m | 56°52' |
| 80 9-29 | 36s,70 J | 58",5 J |
| 10-1 | 36,65 J | 60,2 J |
| 81 9-15 | 36,55 J | 58,5 J |

### 29726 P. — 41033 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h2m | 63°34' |
| 59 7-28 | 57s,27 G | 41",3 G |
| 8-12 | 57,52 G | |
| III. | 21h3m | 63°31' |
| 71 8-26 | 36s,84 M | 3",6 M |
| 8-26 | 36,60 G | 5,4 G |

### 29727 P. — 41018 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h2m | 87°37' |
| 55 10-8 | 53s,55 G | |
| 56 9-27 | 53,63 G | |
| 58 8-1 | | 25",3 G |
| 9-13 | 53,48 G | |
| III. | 21h3m | 87°33' |
| 71 9-4 | 39s,18 M | |
| 73 8-23 | 38,93 M | 49",8 M |

### 29728 P. — 41061 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 21h3m | 48°55' |
| 80 9-24 | 43s,44 G | |

### 29729 P. — 41016 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h2m | 98°16' |
| 55 9-16 | 57s,30 G | 26",1 G |
| 57 7-24 | 57,41 G | |
| 7-31 | 57,26 G | 29",2 G |
| 58 8-27 | | 30,2 F |
| 9-5 | 57,52 G | |
| 9-11[1] | | 27,5 F |
| III. | 21h3m | 98°12' |
| 76 10-7 | 45s,47 M | 54",8 M |

[1] D augmentée de 5'.

### 29730 P. — 41053 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h3m | 60°11' |
| 58 10-2 | | 23",4 G |
| 61 9-2 | 13s,79 G | 24,1 G |
| 9-27 | 13,78 G | 23,5 G |
| 10-16 | 13,74 G | 24,0 G |

### 29731 P. — 41035 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h3m | 74°22' |
| 57 10-3 | 12s,25 G | |
| III. | 21h3m | 74°18' |
| 79 9-8 | 54s,24 G | 44",8 G |
| 81 7-19 | 54,17 M | 45,3 M |

### 29732 P. — 41029 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h3m | 79°27' |
| 57 9-11 | 11s,65 G | 32",4 G |
| III. | 21h3m | 79°24' |
| 71 8-19 | 55s,01 G | |

### 29733 P. — 41058 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 21h3m | 57°44' |
| 69 9-17 | 55s,86 M | 3",7 M |
| 79 9-18 | 55,91 J | 4,0 J |

### 29734 P. — 41020-21 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h3m | 102°17' |
| 57 8-12 | 10s,71 G | 46",2 G |
| 58 9-9 | | 46,0 G |
| 60 9-29 | 10,57 G | 46,7 G |
| 61 9-26 | 10,60 G | 47,5 G |
| 10-14 | 10,66 G | 47,4 G |
| III. | 21h3m | 102°14' |
| 78 9-2 | 59s,86 M | |
| 9-29 | 59,79 M | 11",4 M |

### 29735 P. — 41042 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h3m | 74°24' |
| 57 10-3 | 19s,45 G | 22",0 G |
| III. | 21h4m | 74°20' |
| 71 9-14 | 1s,57 G | |
| 75 9-4 | 1,41 M | 47",9 M |
| 9-6 | 1,46 M | 48,3 M |
| 9-8 | 1,51 M | 48,8 M |
| 80 6-26 | 1,40 G | |
| 9-24 | 1,47 M | 48,3 M |

### 29736 P. — 40991 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 21h2m | 99°58' |
| 40 9-21 | 25s,05 G | |

**29736 P. (suite).**

| Dates 1800+ A. | M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 21h 3m | 99°55' |
| 54 | 9- 4 | | 9",7 G |
| | 9-29 | 13s,74 G | 11,0 G |
| 67 | 9-19 | 13,98 M | 11,6 M |
| | 9-24 | 13,84 M | 11,2 M |
| | III. | 21h 4m | 99°51' |
| 74 | 8-26 | 2s,41 G | 35",6 G |

**29737 P. — 41069 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 21h 4m | 55°27' |
| 74 | 8-26 | 3s,71 M | 46",4 M |
| 79 | 9-10 | 3,94 G | 45,1 G |
| | 9-11 | 4,04 G | 45,7 G |

**29738 P. — 41088 et 90 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 21h 3m | 46°44' |
| 66 | 8- 6 | 31s,48 G | |

**29739 P. — 41060 et 62 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 21h 3m | 61°33' |
| 59 | 10- 2 | 27s,62 G | 47",2 G |
| | III. | 21h 4m | 61°30' |
| 81 | 9-29 | 6s,10 M | 13",3 M |
| | 10- 1 | 6,15 M | 14,4 M |

**29740 P. — 41024 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 21h 3m | 98°12' |
| 57 | 7-24 | 17s,92 G | |
| | 8- 9 | 17,92 G | |
| 58 | 8-20 | 17,96 G | 28",7 G |
| | 9- 4 | | 29,2 G |
| | 9- 5 | 18,04 G | 28,9 G |
| | 9- 9[1] | | 29,2 F |
| | 9-11 | | 29,6 F |
| | III. | 21h 4m | 98°8' |
| 69 | 8-19 | 6s,23 M | 53",4 M |

[1] 𝒫 augm. de 1'. Notée *la* 2e.

**29741 P. — 41057 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 21h 3m | 65°47' |
| 58 | 8- 7 | 27s,05 G | |
| | 11-12 | | 2",6 G |
| | III. | 21h 4m | 65°43' |
| 71 | 10-17 | 6s,70 G | |
| 74 | 9-18 | 6,95 G | 25",5 G |

**29742 P. — 41098 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 21h 4m | 43°14' |
| 80 | 8-31[1] | 8s,43 G | 54",1 G |

[1] 𝒜 augmentée de 0s,50 : erreur de moy.

**29743 P. — 41041 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 21h 3m | 79°49' |
| 56 | 10-21 | | 43",8 G |
| 59 | 8-23 | | 44,4 G |
| 60 | 8-16 | 25s,94 G | 43,6 F |
| | 10- 6 | 25,89 G | 43,9 G |
| 61 | 10-19 | 26,00 G | 43,5 G |

**29744 P. — 41045 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 21h 3m | 78°0' |
| 58 | 10- 3 | 27s,09 G | 41",3 G |
| | III. | 21h 4m | 77°57' |
| 71 | 9- 3 | 10s,20 G | 4",0 G |
| | 9- 9 | 10,26 G | |

**29745 P. — 41038 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 21h 3m | 89°25' |
| 57 | 7-27 | 27s,55 G | |
| | 8 13 | 27,55 G | 35",5 G |
| 59 | 8-24 | 27,31 G | |
| | III. | 21h 4m | 89°21' |
| 71 | 9- 5 | 13s,32 M | 59",4 M |

**29746 P. — 41086 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 21h 3m | 51°53' |
| 40 | 8-29[1] | | 49",0 F |
| | 8-31 | 4s,98 G | 49,3 F |
| | 10-30 | 4,82 G | |
| 48 | 9-17 | 4,98 G | |
| | III. | 21h 4m | 51°46' |
| 68 | 8- 4 | 15s,32 G | |
| 75 | 8-17 | 15,30 M | 36",0 M |
| | 9-14 | 15,31 M | 36,9 M |

[1] Erreur dans l'𝒜 approchée inscrite au Volume.

**29747 P. — 41047-48 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 21h 2m | 80°29' |
| 37 | 10-25 | 47s,91 G | |
| 40 | 10- 8 | 48,08 G | |

**29747 P. (suite).**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 21h 2m | 80°29' |
| 41 | 8-29 | 48s,23 G | |
| | 9-13 | 48,23 G | |
| 42 | 10-14 | 48,23 G | |
| | 10-15 | 48,22 G | |
| | 10-16 | 48,24 G | |
| | 10-17 | 48,18 G | |
| 43 | 10-17 | 48,17 G | |
| 46 | 7-11 | 48,39 G | |
| | 7-31 | 48,21 G | |
| | 9-10 | 48,31 G | |
| 47 | 8-16 | 48,17 G | |
| | 8-17 | 48,13 G | |
| | 10-11 | | 22",5 F |
| 48 | 8-12 | | 22,7 G |
| 49 | 9- 7 | 48,35 G | |
| 50 | 8-31 | 48,42 G | 22,0 F |
| 53 | 10- 8 | 48,41 G | |
| | II. | 21h 3m | 80°25' |
| 56 | 9- 4 | 31s,82 G | 47",4 G |
| 57 | 8- 2 | 31,87 G | |
| 58 | 8-12 | 31,98 G | |
| | 9-15 | 32,03 G | 48,5 G |
| 63 | 8- 7 | 31,86 G | |
| | 8-10 | 31,90 G | |
| | 8-24 | 31,92 G | |
| | 8-31 | 31,92 G | |
| | 9-11 | 32,03 G | |
| | 9-12 | 32,05 G | |
| | 9-15 | 32,00 G | |
| | 9-19 | 31,99 G | |
| | 9-26 | 31,99 G | |
| | 9-27 | 32,03 G | |
| 64 | 8- 3 | 31,93 G | |
| | 8- 6 | 32,01 G | |
| | 8-11 | 32,01 G | |
| | 8-16 | 32,05 G | |
| | 8-28 | 32,14 G | |
| | 8-29 | 31,83 G | |
| | 9-11 | 32,00 G | |
| | 9-12 | 31,93 G | |
| | 9-17 | 32,02 G | |
| | 9-22 | 31,92 G | |
| | 9-23 | 31,89 G | |
| | 9-29 | 31,93 G | |
| | 9-30 | 31,88 G | |
| | 10- 1 | 32,00 G | |
| 65 | 9- 1 | 31,88 G | |
| | III. | 21h 4m | 80°22' |
| 72 | 7-19 | 15s,71 G | |
| | 7-20 | 15,86 G | |
| | 7-21 | 15,68 G | |
| | 7-22 | 15,69 G | |
| | 9- 8 | 15,70 G | |
| 73 | 9-23 | 15,77 G | |
| | 9-25 | 15,54 M | 15",3 M |
| | 9-25 | 15,95 G | |

**29748 P. — 41099 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 21h 4m | 48°55' |
| 80 | 8-13 | 21s,59 G | 28",1 G |
| | 9- 6 | 21,61 G | 28,5 G |

**29749 P. — 21190 A. O.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 21h 4m | 106°32' |
| 68 | 9- 7 | 25s,17 M | 1",9 M |
| | 9- 8 | 25,24 M | 2,2 M |
| | 9- 9 | 25,16 M | 2,8 M |
| | 9-12 | 25,32 M | 2,8 M |

**29750 P. — 41055-56 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 21h 2m | 80°34' |
| 37 | 10-25 | 59s,13 G | |
| 40 | 8-29 | 59,43 G | |
| 43 | 10-17 | 59,31 G | |
| 46 | 7-20 | 59,44 G | |
| 47 | 8-14 | 59,35 G | |
| 49 | 9-21 | 59,34 G | |
| 53 | 10- 8 | 59,45 G | |
| | II. | 21h 3m | 80°31' |
| 57 | 8- 2 | 43s,10 G | 9",4 G |
| 58 | 8-12 | 43,18 G | 10,4 G |
| | 9-15 | 43,15 G | |

**29751 P. — 41082 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 21h 3m | 64°16' |
| 58 | 9-16 | 50s,31 G | 22",6 G |
| | III. | 21h 4m | 64°12' |
| 71 | 10-12 | 29s,91 G | |
| 75 | 8-27 | 30,04 G | 45",1 G |

**29752 P. — 4549 A + 14°.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 21h 3m | 75°19' |
| 57 | 10-13 | 48s,32 G | |
| 58 | 8-11 | 48,61 G | |

**29753 P. — 41084 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 21h 3m | 63°57' |
| 58 | 8-10 | 52s,90 G | 12",8 G |
| 61 | 10-28 | | 13,6 G |
| | III. | 21h 4m | 63°53' |
| 71 | 9-17 | 32s,20 G | 35",5 G |

**29754 P. — 48 W1.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 21h 3m | 74°51' |
| 67 | 8-27 | 51s,04 M | 10",4 M |
| | 8-28 | 50,97 M | 10,8 M |

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**29755 P. — 41072 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 21h 3m | 75° 18′ |
| 57 9-17 | 52s,92 G | 54",3 G |
| 10-13 | 52,74 G | 53,9 G |
| 58 8-11 | 53,06 G | 54,5 G |

**29756 P. — 41113 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | | |
| | 21h 4m | 43° 14′ |
| 80 9-9 | | 5",9 G |
| 9-15 | 36s,43 G | 7,3 G |
| 9-29 | 36,23 G | 7,5 G |

**29757 P. — 61 W$_2$.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 21h 3m | 61° 34′ |
| 59 10-2 | 59s,05 G | |

**29758 P. — 27502 Mn$_1$.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 21h 3m | 86° 42′ |
| 60 8-9 | 52s,91 G | |
| 61 10-15 | 52,89 G | |

**29759 P. — 41081 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 21h 4m | 73° 43′ |
| 58 8-9 | 0s,54 G | 60",5 G |
| 8-24 | 0,90 G | 58,8 G |
| III. | | |
| | 21h 4m | 73° 40′ |
| 71 9-12 [1] | 42s,88 G | |

[1] Indiquée comme 41085 L.

**29760 P. — 41054 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 21h 3m | 94° 42′ |
| 55 8-27 | 55s,74 G | |
| 9-26 | | 32",7 G |
| 56 7-26 | 55,70 G | 31,8 G |
| III. | | |
| | 21h 4m | 94° 38′ |
| 76 8-7 | 43s,21 G | 55",3 G |
| 8-10 | 43,21 G | 55,5 G |
| 9-5 | | 56,2 G |

**29761 P. — 41085 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 21h 4m | 73° 35′ |
| 57 10-20 | 1s,14 G | 21",3 G |
| III. | | |
| | 21h 4m | 73° 31′ |
| 71 8-16 | 43s,36 G | |

**29762 P. — 41051-52 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 21h 3m | 102° 6′ |
| 55 7-23 | | 15",9 G |
| 59 10-17 | 54s,99 G | |
| III. | | |
| | 21h 4m | 102° 2′ |
| 78 8-24 | 44s,04 M | 41",7 M |
| 9-24 | 43,76 M | 42,5 M |

**29763 P. — 41102 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | | |
| | 21h 4m | 58° 1′ |
| 80 9-26 | 44s,37 J | 11",8 J |
| 9-27 | 44,53 J | 9,6 J |
| 81 9-18 | 44,51 J | 10,8 J |

**29764 P. — 41067 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 21h 4m | 86° 38′ |
| 56 9-26 | 0s,53 G | |
| 60 8-9 | 0,50 G | 55",5 G |
| 8-17 | 0,58 G | |
| 61 10-15 | 0,70 G | 55,6 G |
| 10-18 | 0,61 G | 55,7 G |

**29765 P. — 41034 et 37 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 21h 3m | 114° 41′ |
| 55 9-7 | 54s,14 G | |
| 58 8-15 | | 30",1 G |
| III. | | |
| | 21h 4m | 114° 37′ |
| 79 9-25 | 46s,78 J | 54",7 J |

**29766 P. — 41049-50 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | | |
| | 21h 3m | 105° 6′ |
| 40 9-12 | 7s,21 G | |
| 10-6 | | 7",2 F |
| 41 7-5 | 7,12 G | |
| 8-27 | 7,28 G | |
| 8-28 | 7,12 G | |
| 8-30 | 7,07 G | |
| 9-10 | 6,92 G | |
| 9-11 | 7,05 G | |
| 9-20 | 7,07 G | |
| II. | | |
| | 21h 3m | 105° 2′ |
| 54 9-16 | 56s,98 G | |
| 57 10-16 | 57,03 G | 33",0 G |
| 67 8-14 [1] | 57,01 M | 31,7 M |
| III. | | |
| | 21h 4m | 104° 58′ |
| 78 8-12 | 46s,97 G | 56",7 G |

[1] 𝒫 diminuée de 5′.

**29767 P. — 41091 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 21h 4m | 70° 36′ |
| 56 9-20 | 5s,72 G | |
| 57 8-21 | | 28",8 G |
| III. | | |
| | 21h 4m | 70° 32′ |
| 71 8-12 | 47s,10 G | |
| 8-13 | 47,37 G | 52",3 G |

**29768 P. — 27513 Mn$_1$.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 21h 4m | 73° 18′ |
| 57 9-6 | | 10",9 G |

**29769 P. — 56 W$_1$.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 21h 4m | 74° 14′ |
| 57 9-6 | 6s,19 G | |

**29770 P. — 41103 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | | |
| | 21h 4m | 58° 18′ |
| 80 9-13 | 49s,09 J | 6",9 J |
| 9-20 | 49,10 J | 7,3 J |

**29771 P. — 41036 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 21h 3m | 118° 28′ |
| 55 9-8 | 58s,77 G | |
| 9-19 [1] | 58,74 G | 29",0 G |

[1] 𝒫 augmentée de 5′.

**29772 P. — 2755 Br.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | | |
| | 21h 3m | 68° 10′ |
| 46 7-28 | 32s,00 G | |
| 7-29 | 31,98 G | |
| 9-22 | | 16",0 G |
| 48 9-29 | 32,00 G | |
| 49 9-28 | 32,06 G | |
| 50 9-7 | | 16,2 G |
| II. | | |
| | 21h 4m | 68° 6′ |
| 58 8-6 [1] | 13s,04 G | |
| 8-30 | 12,84 G | |
| 9-30 [2] | 12,71 G | |

[1] Indiquée à tort au tome XIV comme 41134 L. (1re) (dist. des fils). 𝒜 diminuée de 0s,18 : suppression du 4e fil fortement erronée.

[2] 𝒜 diminuée de 0s,20 : erreur de moy.

**29773 P. — 41083 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | | |
| | 21h 3m | 81° 4′ |
| 40 8-20 | 25s,90 G | |
| II. | | |
| | 21h 4m | 81° 1′ |
| 61 10-20 | 9s,58 G | |
| III. | | |
| | 21h 4m | 80° 57′ |
| 71 9-12 | 53s,53 M | 35",1 M |
| 9-18 | 53,52 M | 33,8 M |

**29774 P. — 41097 L. [1]**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | | |
| | 21h 3m | 68° 10′ |
| 46 7-23 | 33s,24 G | |
| 8-24 | 33,46 G | |
| 9-18 | 33,13 G | |
| 9-25 | 33,21 G | |
| 10-3 | 33,07 G | |
| 10-7 | 33,21 G | |
| 10-19 | 33,18 G | |
| 10-20 | 32,97 G | |
| 10-21 | 33,19 G | |
| 10-22 | 33,10 G | |
| 10-23 | 33,12 G | |
| 10-27 | 33,24 G | |
| 11-12 | 33,16 G | |
| 47 9-30 | 33,32 G | |
| 48 8-8 | | 24",8 G |
| 51 8-22 | 33,22 G | |
| 52 7-31 | 33,30 G | |
| II. | | |
| | 21h 4m | 68° 6′ |
| 58 8-6 [2] | 13s,89 G | |
| 8-30 | 13,72 G | 48",0 G |
| 8-31 | 13,98 G | |
| 9-10 | | 49,7 G |
| 9-30 [3] | 13,81 G | 49,0 G |

[1] Lal. a observé la seconde étoile. On lit sur le cahier-minute : il y en a une très petite tout près qui a passé à peu près 2s avant (2755 Br., 29772 P.).

[2] Indiquée à tort au tome XIV comme 41134 L. (2e) (distance des fils).
𝒜 diminuée de 0s,13 : suppression du 4e fil fortement erroné.

[3] 𝒜 diminuée de 1s,20 : erreur de moy. et erreur de 1s sur un fil.

**29775 P. — 41122-23 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | | |
| | 21h 4m | 48° 4′ |
| 81 8-24 | 58s,41 G | 27",7 G |

**29776 P. — 61 W$_1$.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | | |
| | 21h 4m | 74° 18′ |
| 58 8-16 | 17s,71 G | |
| 9-27 | 17,77 G | 55",1 G |
| 59 8-29 | 18,06 G | 52,4 G |

Dates 1800+ / Positions moyennes pour les époques du Catal.

### 29777 P. — 41115 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $21^h4^m$ | 55°19' |
| 66 9- 5[1] | $26^s,37$ G | |
| 9-10 | 26,23 G | |
| III. | $21^h5^m$ | 55°15' |
| 80 10- 9 | $2^s,72$ J | 36",4 J |
| 81 9-16 | 2,82 J | 35,4 J |
| 9-19 | 2,74 J | 35,4 J |

[1] Indiquée à tort comme 41103 L. (dist. des fils).

### 29778 P. — 41080 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $21^h5^m$ | 91°48' |
| 76 10- 7 | $5^s,24$ G | 37",6 G |
| 10- 9 | 5,26 G | 38,2 G |
| 77 10-15 | 5,39 M | 37,2 M |

### 29779 P. — 41077 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| I. | $21^h3^m$ | 93°44' |
| 40 8-20 | | 59",9 F |
| II. | $21^h4^m$ | 93°41' |
| 59 9- 5 | $18^s,49$ G | |
| 60 10- 9 | 18,48 G | 24",4 G |
| 62 9-24 | 18,46 G | |
| III. | $21^h5^m$ | 93°37' |
| 76 8-16 | $5^s,52$ G | 46",8 G |
| 9-19 | 5,29 G | 47,1 G |
| 9-21 | 5,25 G | 46,1 G |

### 29780 P. — 41089 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $21^h4^m$ | 86°19' |
| 57 7-28 | $21^s,24$ G | |
| 10-12 | 21,35 G | 9",3 G |
| 59 9- 3 | | 8,4 G |
| 61 10-24 | 21,35 G | 9,8 G |

### 29781 P. — 41128 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $21^h5^m$ | 44°46' |
| 81 9-29 | $6^s,53$ G | 8",1 G |

### 29782 P. — 41075 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $21^h4^m$ | 98°31' |
| 55 8-21 | | 54",7 G |
| 58 10-30 | | 57,7 G |
| 10-31 | | 57,3 G |
| 60 9-19 | $18^s,14$ G | 59,0 G |
| 9-19[1] | | 57,1 F |

### 29782 P. (suite).

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $21^h5^m$ | 98°28' |
| 74 8-19 | $6^s,58$ G | |
| 76 9-21 | 6,52 M | 19",7 M |
| 9-22 | 6,53 M | 20,3 M |

[1] Æ augmentée de $1^s$.

### 29783 P. — 41073-74 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $21^h4^m$ | 102°4' |
| 54 9-25 | $20^s,63$ G | |
| 58 9-11 | | 56",6 G |
| III. | $21^h5^m$ | 102°1' |
| 78 10- 2 | $9^s,52$ M | 18",7 M |

### 29784 P. — 41121 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $21^h5^m$ | 54°2' |
| 80 9-30 | $10^s,13$ J | 41",0 J |
| 10-10 | 9,96 J | 41,5 J |

### 29785 P. — 41070-71 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| I. | $21^h3^m$ | 105°11' |
| 40 9-29 | $31^s,72$ G | |
| II. | $21^h4^m$ | 105°7' |
| 54 9-22 | $21^s,72$ G | |
| 55 9- 9 | | 44",1 G |
| III. | $21^h5^m$ | 105°4' |
| 79 9-11 | $11^s,42$ J | 6",9 J |

### 29786 P. — 41087 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $21^h4^m$ | 91°26' |
| 55 8-26 | $25^s,57$ G | |
| 58 9-27 | | 24",2 F |
| III. | $21^h5^m$ | 91°22' |
| 78 9- 2 | $11^s,85$ J | 49",3 J |
| 9- 5 | 11,92 J | 49,1 J |
| 9-19 | 11,84 G | 47,8 G |
| 9-21 | 11,87 G | |

### 29787 P. — 41096 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $21^h5^m$ | 89°49' |
| 75 10-12 | $15^s,71$ M | 55",6 M |
| 79 9-10 | 15,73 J | 54,5 J |

### 29788 P. — 41106 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $21^h5^m$ | 74°37' |
| 79 8- 1 | $17^s,28$ G | 48",0 G |

### 29789 P. — 41093 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $21^h4^m$ | 96°32' |
| 55 8-16 | | 2",8 G |
| 8-22 | $34^s,44$ G | |
| 9- 6 | 34,45 G | |
| III. | $21^h5^m$ | 96°28' |
| 68 10- 5 | $22^s,13$ M | 24",9 M |
| 10- 8 | 22,21 M | 25,1 M |
| 76 10- 9 | 22,10 M | 26,5 M |

### 29790 P. — 41095 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $21^h4^m$ | 96°23' |
| 55 10- 9 | | 3",4 G |
| III. | $21^h5^m$ | 96°19' |
| 79 8- 2 | $22^s,48$ J | 25",8 J |

### 29791 P. — 9316 Brux.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $21^h4^m$ | 60°20' |
| 58 9-19[1] | $46^s,21$ G | |

[1] Æ augmentée de $1^m$ : err. de transcr.

### 29792 P. — 41111 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $21^h5^m$ | 73°54' |
| 79 8-11 | $25^s,86$ G | 24",9 G |
| 8-26 | 25,87 G | |

### 29793 P. — 41068 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $21^h4^m$ | 117°16' |
| 56 8- 4[1] | $32^s,88$ G | |
| 58 10- 6 | | 27",3 G |
| III. | $21^h5^m$ | 117°12' |
| 79 9-27 | $26^s,10$ J | 48",5 J |

[1] Æ augmentée de $0^s,66$ : erreur de moy. et de $1^s$ sur les trois derniers fils.

### 29794 P. — 41078 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $21^h4^m$ | 111°34' |
| 58 8- 4 | | 59",5 G |

### 29794 P. (suite).

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $21^h5^m$ | 111°31' |
| 81 9-28 | $28^s,57$ M | 24",2 M |
| 9-30 | 28,54 M | 23,3 M |

### 29795 P. — 41143 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $21^h4^m$ | 45°4' |
| 66 8-10 | $57^s,12$ G | |
| III. | $21^h5^m$ | 45°0' |
| 80 10- 1 | $29^s,48$ G | 20",6 G |
| 81 8-22 | | 21,0 G |
| 10- 5 | 29,31 G | 22,5 G |

### 29796 P. — 41131 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $21^h5^m$ | 53°42' |
| 81 8-22 | $32^s,59$ J | 40",5 J |
| 8-27 | 32,75 J | 41,9 J |

### 29797 P. — 41101 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $21^h4^m$ | 98°55 |
| 57 8- 9 | $47^s,60$ G | |
| III. | $21^h5^m$ | 98°52' |
| 69 8-28 | $36^s,03$ M | 5",5 M |
| 74 9-24 | 36,11 M | 5,8 M |

### 29798 P. — 3409 Gr.

| A. M. J. | Æ | ℘ |
|---|---|---|
| I. | $21^h5^m$ | 19°11' |
| 52 11-18 | | 23",0 G |
| 11-18 | | 22,2 F |
| 11-19 | | 22,1 F |
| 11-20 | | 22,4 G |
| 11-20 | | 22,3 F |
| 11-25 | $25^s,74$ G | 23,3 G |
| 11-25 | | 22,0 F |
| 11-27 | 25,84 G | 22,3 G |
| 11-27 | | 22,1 F |
| 11-27 I | | 20,4 G |
| 11-27 I | | 20,3 F |
| 12- 8 I | | 22,5 G |
| 12- 8 I | | 22,6 F |
| 12-10 I | | 21,6 F |
| 12-11 I | | 22,9 G |
| 12-11 I | | 21,8 F |
| 12-13 I | | 23,2 F |

### 29799 P. — 41100 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $21^h4^m$ | 102°19 |
| 54 9-19 | $48^s,89$ G | |
| 58 9-13 | | 47",9 G |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜., 𝒟.)

### 29799 P. (suite).

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 21h5m | 102°16′ |
| 79 9- 1 | 38s,21 M | 10″,1 M |

### 29800 P. — 41107 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 21h4m | 91°35′ |
| 55 9- 9 | 55s,00 G | |
| 58 7-30 [1] | | 20″,0 G |
| 60 8-24 | 54,86 G | |
| III. | 21h5m | 91°31′ |
| 78 9-20 | 41s,26 G | |

[1] 𝒟 diminuée de 10″ : erreur de 5″ dans la moyenne et de 10″ sur l'un des deux microscopes lus.

### 29801 P. — 41109-110 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 21h4m | 88°56′ |
| 56 10-25 | 57s,48 G | |
| 57 10-24 | | 10″,7 G |
| III. | 21h5m | 88°52′ |
| 73 8-23 [1] | 43s,24 M | 33″,4 M |

[1] 𝒟 diminuée de 1′ : erreur de transcr.

### 29802 P. — 41146 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 21h5m | 51°32′ |
| 80 9- 9 | 45s,68 J | 51″,4 J |
| 81 9-13 | 45,64 J | 50,9 J |

### 29803 P. — 41153 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 21h5m | 74°17′ |
| 58 8- 3 | 7s,28 G | 47″,4 G |
| 9-27 | 7,45 G | |

### 29804 P. — 41104-05 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 21h5m | 104°57′ |
| 54 9-18 | 2s,48 G | |
| 58 10-29 | | 50″,5 F |
| 60 8-25 | 2,57 G | |
| III. | 21h5m | 104°54′ |
| 81 10- 3 | 52s,16 M | 10″,5 M |

### 29805 P. — 41092 et 94 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 21h4m | 118°14′ |
| 39 9- 7 | 5s,13 G | 49″,9 F |
| 9-11 | | 49,3 F |
| 9-13 | | 48,6 F |
| 41 9-29 | 5,01 G | |
| 46 8-14 | 5,03 G | |
| 8-18 | 5,41 G | |
| 9-13 | 5,23 G | |
| 9-14 | 5,08 G | |
| 10-10 | | 52,4 G |
| 47 8-31 | 5,18 G | |
| 48 9- 4 | | 51,2 G |
| 10- 7 | 5,12 G | |
| 10- 8 | 5,34 G | |
| 50 8-30 | 5,40 G | 50,3 G |
| 9- 4 [1] | 5,14 G | |
| II. | 21h4m | 118°11′ |
| 55 9-23 | 58s,77 G | 15″,8 G |
| III. | 21h5m | 118°7′ |
| 79 10-16 | 52s,56 J | |

[1] 𝒜 augmentée de 1m.

### 29806 P. — 41124 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 21h5m | 81°47′ |
| 57 10- 2 | 9s,80 G | 38″,3 G |
| III. | 21h5m | 81°43′ |
| 74 7-30 | 54s,04 M | 59″,1 M |

### 29807 P. — 21216 A.O.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 21h5m | 107°41′ |
| 68 8-12 | 55s,66 M | 45″,1 M |

### 29808 P. — 41172 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 21h5m | 71°8′ |
| 79 9-30 | 59s,63 J | 16″,0 J |
| 10- 4 | 59,63 J | 15,0 J |

### 29809 P. — 41141-42 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 21h5m | 63°1′ |
| 58 8- 8 | 21s,63 G | 0″,8 G |
| 9- 6 | 21,46 G | 1,3 G |
| 10- 4 | 21,45 G | 1,7 G |
| 11-10 | | 1,7 G |
| 59 10-22 | 21,27 G | |
| III. | 21h6m | 62°57′ |
| 71 10- 5 | 0s,54 G | |

### 29810 P. — 41114 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 21h5m | 98°43′ |
| 56 8- 3 | 13s,80 G | 46″,1 G |
| III. | 21h6m | 98°40′ |
| 79 10- 3 | 1s,76 J | 12″,2 J |
| 10- 6 | 1,87 J | 11,3 J |

### 29811 P. — 41155 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 21h4m | 54°19′ |
| 40 9-21 | | 52″,3 F |
| III. | 21h6m | 54°12′ |
| 80 9-29 | 2s,08 J | 38″,0 J |
| 81 9-28 | 2,28 J | 37,5 J |

### 29812 P. — 41117 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 21h6m | 94°48′ |
| 69 8-24 | 2s,34 M | 29″,6 M |
| 74 9-14 | 2,63 G | 29,0 G |

### 29813 P. — 41126-27 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 21h5m | 79°56′ |
| 55 10-21 [1] | | 3″,6 G |
| 61 10-12 | 19s,01 G | 2,1 G |
| 62 9-16 [2] | 18,87 G | 2,3 G |
| III. | 21h6m | 79°52′ |
| 81 9-29 | 2s,84 J | 23″,3 J |
| 10- 3 | 2,83 J | 24,4 J |

[1] 𝒟 dim. de 20″,4 (distance des deux fils horizontaux).

[2] 𝒜 augmentée de 1s. L'observateur avait diminué arbitrairement le passage de 1s.

### 29814 P. — 41171 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 21h5m | 42°54′ |
| 60 10-17 | 37s,37 G | |
| III. | 21h6m | 42°51′ |
| 81 9-28 | 8s,34 G | 15″,0 G |

### 29815 P. — 99 $W_2$.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 21h5m | 66°59′ |
| 58 9-17 | 28s,14 G | |

### 29816 P. — 41120 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 21h5m | 97°43′ |
| 55 8- 9 | 20s,52 G | |
| 58 8-23 | 20,60 G | 44″,2 G |
| 62 8- 6 | 20,41 G | |
| III. | 21h6m | 97°40′ |
| 79 8-16 | 8s,43 J | 5″,6 J |

### 29817 P. — 41135 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 21h5m | 75°51′ |
| 58 10- 5 | 27s,22 G | 11″,0 G |
| III. | 21h6m | 75°47′ |
| 71 8-27 | 9s,83 G | 33″,7 G |

### 29818 P. — 41178 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 21h5m | 42°52′ |
| 59 10- 3 | 39s,53 G | |
| 60 10-17 | 39,41 G | |
| III. | 21h6m | 42°49′ |
| 79 9-12 [1] | 10s,60 G | 2″,2 G |
| 9-18 | 10,74 G | 0,8 G |
| 81 9-19 | | 1,6 G |

[1] 𝒜 augmentée de 1s : pour établir l'accord entre les fils, l'observateur a diminué de 1s les deux premiers, tandis qu'il aurait dû augmenter les trois derniers.

### 29819 P. — 41132 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 21h5m | 78°47′ |
| 58 8-26 [1] | 27s,79 G | 23″,8 G |
| 9-11 | 27,71 G | 23,5 G |
| 10- 2 | | 23,7 G |

[1] 𝒟 augmentée de 20″ : erreur de réduct.

### 29820 P. — 41108 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 21h5m | 113°20′ |
| 55 9-25 | 20s,94 G | 6″,3 G |

### 29821 P. — 41118-19 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 21h5m | 102°7′ |
| 54 9-11 | 24s,91 G | 28″,7 G |
| 67 9-24 | | 34,4 M |
| III. | 21h6m | 102°3′ |
| 78 9-19 | 14s,27 M | 55″,8 M |

Dates 1800+ — Positions moyennes pour les époques du Catal.

### 29822 P. — 41112 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $21^{h}5^{m}$ | 113°7' |
| 58 8-27 | $23^{s},49$ G | 5",0 G |
| 61 10-26 | 23,73 G | 5,4 G |

### 29823 P. — 2757 Br.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | $21^{h}4^{m}$ | 67°33' |
| 46 7-31 | $57^{s},93$ G | |
| 47 8-31 | | 1",7 F |

### 29824 P. — 41144 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | $21^{h}6^{m}$ | 66°20' |
| 79 9-1 | $21^{s},55$ G | 47",5 G |
| 9-3 | 21,62 G | 46,9 G |

### 29825 P. — 41196-97 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | $21^{h}6^{m}$ | 36°56' |
| 80 9-2[1] | $23^{s},31$ G | 47",1 G |

[1] 𝒟 diminuée de 5'.

### 29826 P. — 5391 Sf. — 4°.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $21^{h}5^{m}$ | 94°28' |
| 57 7-23 | $38^{s},26$ G | |

### 29827 P. — 41136-37 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $21^{h}5^{m}$ | 87°55' |
| 56 9-5 | $40^{s},30$ G | 46",2 G |
| 9-6 | | 46,4 G |
| III. | $21^{h}6^{m}$ | 87°52' |
| 79 10-7 | $26^{s},01$ J | 8",5 J |

### 29828 P. — 41162 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $21^{h}5^{m}$ | 60°51' |
| 57 9-13 | $50^{s},05$ G | |
| 58 10-15[1] | 50,19 G | |
| III. | $21^{h}6^{m}$ | 60°47' |
| 71 8-29 | $28^{s},34$ M | 57",8 M |
| 74 9-14 | 28,26 M | 58,1 M |

[1] 𝒜 augmentée de $0^{s},60$ : erreur de moy.

### 29829 P. — 41150 et 52 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | $21^{h}6^{m}$ | 79°49' |
| 71 9-19 | $34^{s},06$ G | 20",5 M |
| 74 9-15[1] | | 20,5 G |
| 9-18 | 34,04 G | |

[1] 𝒟 diminuée de 1°.

### 29830 P. — 41165 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $21^{h}6^{m}$ | 59°57' |
| 59 9-1 | $0^{s},28$ G | 15",0 G |
| 60 11-3 | 0,31 G | |
| III. | $21^{h}6^{m}$ | 59°53' |
| 75 8-16 | $38^{s},47$ M | 35",9 M |

### 29831 P. — 41140 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $21^{h}5^{m}$ | 94°50' |
| 56 8-23 | | 25",0 G |
| 60 9-12 | $53^{s},34$ G | 27,0 G |
| III. | $21^{h}6^{m}$ | 94°46' |
| 78 10-3 | $40^{s},64$ M | 49",0 M |

### 29832 P. — 41145 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $21^{h}5^{m}$ | 91°42' |
| 58 9-11 | | 11",4 F |
| III. | $21^{h}6^{m}$ | 91°38' |
| 68 8-29 | $41^{s},13$ M | 31",6 M |
| 74 9-18 | 41,32 M | 33,7 M |
| 75 9-6 | 41,44 M | 33,4 M |

### 29833 P. — 41139 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $21^{h}5^{m}$ | 97°48' |
| 55 9-27 | | 33",4 G |
| 62 8-6 | | 32,8 G |
| 8-13 | $54^{s},32$ G | 34,1 G |
| III. | $21^{h}6^{m}$ | 97°44' |
| 68 8-11 | $42^{s},20$ M | 55",7 M |
| 69 8-25 | 42,36 M | 55,2 M |
| 76 10-7 | 42,45 M | 55,4 M |

### 29834 P. — 41231 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $21^{h}6^{m}$ | 45°6' |
| 67 10-2 | $12^{s},04$ M | 17",7 M |
| III. | $21^{h}6^{m}$ | 45°2' |
| 81 9-30 | $43^{s},47$ G | 42",5 G |
| 10-14 | 43,71 G | 43,4 G |

### 29835 P. — 41156-57 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $21^{h}5^{m}$ | 82°52' |
| 56 10-5 | | 43",6 G |
| 58 9-28 | $59^{s},90$ G | |
| III. | $21^{h}6^{m}$ | 82°49' |
| 79 9-8 | $44^{s},36$ J | 8",3 J |

### 29836 P. — 27626 Mn₁.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $21^{h}6^{m}$ | 71°17' |
| 57 10-3 | $7^{s},21$ G | 15",0 G |

### 29837 P. — 41138 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | $21^{h}5^{m}$ | 105°16' |
| 40 10-12 | $9^{s},69$ G | |
| 10-13 | 9,57 G | |
| II. | $21^{h}5^{m}$ | 105°13' |
| 54 8-24 | $59^{s},39$ G | |
| 8-25[1] | 59,62 G | |
| 10-8 | | 16",3 G |
| III. | $21^{h}6^{m}$ | 105°9' |
| 80 9-24 | $49^{s},46$ M | 40",0 M |

[1] 𝒜 diminuée de $0^{s},20$ : un fil a été augmenté arbitrairement de $1^{s}$ par l'observateur.

### 29838 P. — 41129-30 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $21^{h}5^{m}$ | 112°47' |
| 59 10-26 | | 12",4 G |

### 29839 P. — 41134 et 80-81 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | $21^{h}6^{m}$ | 62°59' |
| 79 9-8 | $50^{s},54$ G | 58",5 G |
| 80 9-1 | 50,56 J | 58,0 J |
| 9-5 | 50,69 J | 59,0 J |

### 29840 P. — 41151 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $21^{h}6^{m}$ | 96°29' |
| 58 7-30 | | 9",1 G |
| 8-17 | $5^{s},95$ G | 8,8 G |
| 8-20 | 6,03 G | 9,8 G |
| 8-27 | | 10,2 F |
| 9-26 | 5,83 G | 9,1 G |
| III. | $21^{h}6^{m}$ | 96°25' |
| 69 8-27 | $53^{s},63$ M | 30",3 M |

### 29841 P. — 99 W₁.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | $21^{h}5^{m}$ | 97°5' |
| 39 9-7[1] | | 54",6 F |
| 9-13 | | 61,4 F |
| 9-18 | $23^{s},81$ G | 60,3 F |

[1] 𝒟 non comprise dans la moyenne.

### 29842 P. — 41166-67 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $21^{h}6^{m}$ | 74°59' |
| 56 9-8 | $17^{s},72$ G | |
| 9-14 | | 8",5 G |
| 57 8-14 | | 7,8 G |
| 8-21 | | 8,2 G |
| III. | $21^{h}7^{m}$ | 74°55' |
| 81 9-29 | $0^{s},32$ M | 29",1 M |
| 10-1 | 0,34 M | 29,4 M |

### 29843 P. — 41149 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $21^{h}6^{m}$ | 102°31' |
| 54 8-27 | $11^{s},71$ G | 20",5 G |
| III. | $21^{h}7^{m}$ | 102°27' |
| 78 8-24 | $0^{s},92$ M | 41",2 M |
| 9-3 | 0,97 M | 42,1 M |
| 9-27 | 0,74 M | 41,2 M |

### 29844 P. — 41169 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $21^{h}6^{m}$ | 74°29' |
| 58 7-21 | | 31",9 G |
| 61 9-27 | $18^{s},72$ G | 33,0 G |
| III. | $21^{h}7^{m}$ | 74°25' |
| 71 9-2 | $0^{s},91$ G | 55",6 G |

### 29845 P. — 41202 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | $21^{h}7^{m}$ | 51°53' |
| 80 9-15 | $8^{s},81$ J | 58",2 J |

### 29846 P. — 41189 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | $21^{h}7^{m}$ | 69°26' |
| 81 -15 | $13^{s},72$ J | 38",9 J |

**29847 P. — 41173 et 75 L.**

| Dates 1800+ A. | M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | $21^h6^m$ | 83°21′ |
| 56 | 9-27 | $32^s,15$ G | |
| 58 | 8-12 | 32,45 G | |
| 59 | 8-23 | | 24″,3 G |
| 60 | 9- 6 | 32,33 G | 23,7 G |
| | 9- 6 | | 21,3 F |
| | 10- 3 | 32,06 G | |
| | 10- 6[1] | 32,37 G | 23,8 G |
| 62 | 8-12 | | 22,9 G |
| | 9-19 | | 23,0 G |
| | | III. | |
| | | $21^h7^m$ | 83°17′ |
| 71 | 9- 4 | $16^s,69$ M | 44″,0 M |
| 81 | 9-15 | 16,63 M | 43,5 M |

[1] 𝒟 augmentée de 5′5″,3 : erreur probable de 5t dans la lecture au micromètre.

**29848 P. — 41159 et 61 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | $21^h6^m$ | 103°2′ |
| 54 | 8-28 | $28^s,41$ G | |
| | 9- 7 | | 32″,3 G |
| 58 | 9- 9 | | 30,1 G |
| 67 | 9-19 | 28,80 M | 30,2 M |

**29849 P. — 41179 et 82 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | $21^h6^m$ | 83°24′ |
| 56 | 8-26 | | 24″,5 G |
| | 9-27 | $33^s,83$ G | |
| | 10-18 | | 25,2 G |
| 58 | 8-12 | 33,45 G | 25,5 G |
| 60 | 9- 6 | 33,59 G | 26,1 G |
| | 10- 6 | 33,51 G | 25,9 G |
| 62 | 8-12 | 33,56 G | 25,8 G |
| | 9-19 | 33,48 G | 26,2 G |
| | | III. | |
| | | $21^h7^m$ | 83°20′ |
| 81 | 8-18 | $18^s,10$ M | 44″,3 M |
| | 8-24 | 18,18 M | 47,2 M |

**29850 P. — 41183 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | $21^h6^m$ | 79°21′ |
| 58 | 9-30 | $34^s,97$ G | 44″,8 G |
| | | III. | |
| | | $21^h7^m$ | 79°18′ |
| 71 | 9- 3 | $18^s,52$ G | 6″,2 G |

**29851 P. — 41174 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | $21^h7^m$ | 85°54′ |
| 71 | 9-12 | $18^s,94$ M | 51″,7 M |
| | 9-18 | 18,97 M | 51,6 M |

**29852 P. — 41194 L.**

| Dates 1800+ A. | M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | $21^h7^m$ | 65°18′ |
| 81 | 9- 4 | $21^s,44$ J | 51″,0 J |
| | 9-18 | 21,20 J | 54,1 J |

**29853 P. — 41188 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | $21^h6^m$ | 79°8′ |
| 58 | 8-24 | $41^s,22$ G | 28″,0 G |
| 61 | 8-27 | 41,28 G | 28,5 G |

**29854 P. — 4372 A + 15°.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | $21^h6^m$ | 74°16′ |
| 58 | 8- 3 | $43^s,44$ G | |

**29855 P. — 41154 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | $21^h6^m$ | 116°29′ |
| 58 | 11- 4 | | 14″,2 G |
| | | III. | |
| | | $21^h7^m$ | 116°25′ |
| 79 | 9- 2 | $25^s,92$ M | 35″,6 M |
| | 9- 8 | 25,91 M | 36,8 M |

**29856 P. — 41163-64 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | $21^h5^m$ | 101°14′ |
| 47 | 11-13 | $53^s,11$ G | 31″,6 G |
| | 11-20[1] | 53,22 G | 31,5 F |
| | | II. | |
| | | $21^h6^m$ | 101°10′ |
| 54 | 8-29 | $41^s,94$ G | 54″,6 G |
| | | III. | |
| | | $21^h7^m$ | 101°7′ |
| 78 | 8-24 | $30^s,74$ G | 14″,2 G |

[1] 𝒟 augmentée de 10″ : erreur de moy.

**29857 P. — 41230 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | $21^h7^m$ | 51°56′ |
| 81 | 10- 1 | $34^s,56$ J | 47″,6 J |

**29858 P. — 41211 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | $21^h7^m$ | 62°21′ |
| 80 | 9-13 | $34^s,70$ J | 26″,4 J |

**29859 P. — 41184 L.**

| Dates 1800+ A. | M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | $21^h6^m$ | 93°19′ |
| 57 | 10-16 | $48^s,62$ G | 42″,3 G |
| | | III. | |
| | | $21^h7^m$ | 93°16′ |
| 76 | 8-10 | $35^s,49$ G | 0″,8 G |
| | 9- 5 | | 1,1 G |
| | 9-19 | 35,30 G | 1,9 G |

**29860 P. — 41195 et 98 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | $21^h6^m$ | 74°35′ |
| 58 | 8- 3 | | 30″,1 G |
| | 8-16 | $53^s,50$ G | 30,4 G |
| 59 | 7-17 | 53,53 G | |

**29861 P. — 41215-16-17 et 19 L.**

**64 ζ Cygne.**

Étoile fondamentale.

**29862 P. — 41168 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | $21^h6^m$ | 104°43′ |
| 54 | 9- 2 | $47^s,27$ G | |
| 56 | 8- 1 | | 23″,6 G |

**29863 P. — 41186 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | $21^h6^m$ | 91°39′ |
| 58 | 9-11 | | 17″,4 F |
| 61 | 10-15 | $53^s,59$ G | |
| 62 | 9-22 | 53,53 G | |
| | | III. | |
| | | $21^h7^m$ | 91°35′ |
| 68 | 8-22 | $40^s,03$ M | 32″,1 M |
| 74 | 9-15 | 39,99 M | 34,2 M |
| 75 | 9- 4 | 40,00 M | 33,8 M |

**29864 P. — 21236 A.O.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | $21^h7^m$ | 107°44′ |
| 68 | 8-12 | $46^s,17$ M | 4″,3 M |

**29865 P. — 41209 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | $21^h7^m$ | 72°34′ |
| 57 | 10-20 | $4^s,97$ G | 52″,1 G |

**29866 P. — 41205 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | $21^h7^m$ | 76°25′ |
| 58 | 10- 3 | $5^s,29$ G | 30″,2 G |



**29866 P. (suite).**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | $21^h7^m$ | 76°21′ |
| 74 | 9-19 | $48^s,15$ M | 51″,2 M |
| 75 | 9-14 | 48,19 M | 51,0 M |

**29867 P. — 41239-40 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | $21^h7^m$ | 54°46′ |
| 59 | 11-23 | | 34″,9 G |
| | | III. | |
| | | $21^h7^m$ | 54°42′ |
| 69 | 9-17 | $49^s,83$ M | 55″,7 M |
| 75 | 8-27 | 49,89 G | 54,2 G |

**29868 P. — 41176 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | $21^h7^m$ | 112°23′ |
| 55 | 9-27 | $1^s,45$ G | |
| 58 | 8- 5 | | 29″,8 G |
| | 8-15 | | 32,2 G |
| | 10- 6 | | 32,4 G |
| | | III. | |
| | | $21^h7^m$ | 112°19′ |
| 79 | 9-18 | $53^s,32$ J | 52″,9 J |

**29869 P. — 15198 Bonn.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | $21^h7^m$ | 46°2′ |
| 63 | 8-18[1] | $21^s,34$ G | |

[1] Indiquée à tort comme 41242 L. (dist. des fils).

**29870 P. — 41402-03 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | $21^h8^m$ | 12°30′ |
| 48 | 9- 4 | | 13″,8 G |
| 52 | 12-26 I | $29^s,22$ G | |
| 53 | 2-21 I | 29,01 G | |
| | 3- 1 I | 29,76 G | |
| | 3-12 I | 29,22 G | |
| | 3-15 I | 29,29 G | |
| | 8- 6 | 29,11 G | |
| | 9-12 | 28,96 G | |
| | 9-14 | 28,79 G | |
| | 9-19 | 29,08 G | |
| | 9-24 | 29,30 G | |

**29871 P. — 41193 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | $21^h7^m$ | 96°32′ |
| 55 | 8-26 | $11^s,04$ G | |
| 56 | 7-26 | 11,15 G | 24″,7 G |
| | | III. | |
| | | $21^h7^m$ | 96°28′ |
| 76 | 9-21 | $58^s,66$ M | 44″,3 M |
| | 9-22 | 58,89 M | 44,9 M |

Dates 1800 + — Positions moyennes pour les époques du Catal.

**29872 P. — 41210 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 21h 7m | 82°28′ |
| 58 8- 1 | | 3″,3 G |
| 59 8-24 | 15s,27 G | |
| III. | 21h 7m | 82°24′ |
| 71 9- 9 | 59s,49 M | 23″,2 M |
| 9-16 | 59,63 M | 25,5 M |

**29873 P. — 41254 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 21h 8m | 46°26′ |
| 81 8-24 | 3s,05 G | 45″,3 G |
| 9-16 | 2,77 G | 43,4 G |

**29874 P. — 41245 et 67 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 21h 7m | 56°52′ |
| 67 8-23[1] | 28s,15 G | 58″,1 G |
| III. | 21h 8m | 56°49′ |
| 79 9-10 | 5s,25 G | 17″,1 G |
| 9-11 | | 16,7 G |

[1] 𝒜 augm. de 5s,63 : erreur de moy.

**29875 P. — 41237-38 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 21h 8m | 64°51′ |
| 80 9-27 | 5s,60 J | 59″,5 J |
| 10- 1 | 5,57 J | 59,8 J |

**29876 P. — 41203 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 21h 7m | 91°33′ |
| 56 8-24 | | 30″,5 G |
| 57 7-24 | 19s,11 G | |
| 60 9-29 | 19,15 G | 31,9 G |
| 61 10-15 | 19,31 G | 30,9 G |
| 62 9-22 | | 31,4 G |
| III. | 21h 8m | 91°29′ |
| 76 8-16 | 5s,66 G | 51″,9 G |
| 10- 9 | | 51,5 G |
| 78 9- 5 | 5,59 J | |
| 9-26 | 5,72 G | |

**29877 P. — 41191 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 21h 7m | 107°55′ |
| 54 9-10 | | 18″,2 G |
| 9-21 | 16s,35 G | |
| III. | 21h 8m | 107°51′ |
| 78 8-12 | 6s,89 G | 39″,2 G |

**29878 P. — 41214 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 21h 7m | 83°36′ |
| 57 10- 2 | 23s,19 G | 38″,1 G |
| III. | 21h 8m | 83°32′ |
| 73 8-23 | 8s,04 M | 58″,4 M |

**29879 P. — 41249 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 21h 8m | 55°1′ |
| 69 9-23 | 9s,57 M | 27″,3 M |
| 75 8-17 | 9,43 M | 27,3 M |

**29880 P. — 41224 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 21h 7m | 79°23′ |
| 57 10-13 | 27s,06 G | 27″,0 G |
| 58 9- 8 | | 28,5 F |
| III. | 21h 8m | 79°19′ |
| 71 8-12 | 10s,75 G | 48″,5 G |

**29881 P. — 41218 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 21h 7m | 90°29′ |
| 55 8-22 | 26s,00 G | |
| 57 10-22 | | 3″,8 G |
| III. | 21h 8m | 90°25′ |
| 76 8- 7 | 12s,23 G | 24″,6 G |
| 9-21 | 12,12 G | 23,3 G |
| 10- 7 | 12,17 G | 24,4 G |

**29882 P. — 41200 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 21h 7m | 105°42′ |
| 54 9-12 | | 10″,3 G |
| III. | 21h 8m | 105°38′ |
| 78 9- 2 | 15s,06 M | 30″,7 M |
| 9- 6 | 14,82 M | 32,4 M |

**29883 P. — 41222 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 21h 7m | 85°53′ |
| 57 9-19 | 30s,21 G | 13″,1 G |
| 9-29 | 30,36 G | 14,5 G |
| 10-24 | | 13,7 G |

**29884 P. — 41208 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 21h 6m | 97°43 |
| 39 9-11 | | 29″,9 F |
| II. | 21h 7m | 97°39′ |
| 58 10-31 | | 52″,6 G |
| 60 8- 9 | 28s,12 G | 51,9 G |
| 9- 9 | 27,82 G | 51,9 G |

**29885 P. — 41207 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 21h 8m | 98°52′ |
| 69 8-28 | 16s,58 M | 9″,6 M |
| 74 9-14 | 16,78 G | 9,2 G |

**29886 P. — 21855 A. O.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 21h 7m | 34°29′ |
| 41 7-22 | | 45″,7 F |

**29887 P. — 41235 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 21h 6m | 80°37′ |
| 46 9-13 | 55s,92 G | |
| 9-14 | 55,82 G | |
| II. | 21h 7m | 80°33′ |
| 56 9- 2 | | 28″,6 G |
| 9- 6 | 39s,70 G | |
| 10-25 | 39,69 G | |
| III. | 21h 8m | 80°29′ |
| 71 9- 5 | 23s,50 M | 54″,0 M |
| 74 7-30 | 23,51 M | 54,0 M |
| 75 8-23 | 23,49 G | 55,0 G |

**29888 P. — 41260 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 21h 7m | 53°56′ |
| 67 9- 4 | 48s,84 G | 33″,7 G |
| III. | 21h 8m | 53°52′ |
| 79 9-12 | 24s,91 J | 54″,0 J |

**29889 P. — 41223 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 21h 7m | 96°7′ |
| 57 9-15 | | 43″,7 G |
| III. | 21h 8m | 96°3′ |
| 79 9-10[1] | 28s,28 J | 62″,5 J |
| 81 8-22 | 28,59 M | 59,6 M |
| 9-28 | 28,43 M | 62,8 M |

[1] 𝒫 diminuée de 1s : err. de transcr.

**29890 P. — 41266 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 21h 8m | 52°6′ |
| 81 8-22 | 29s,01 J | 45″,2 J |
| 8-27 | 29,11 J | 45,1 J |

**29891 P. — 41280 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 21h 8m | 41°11′ |
| 81 9-29[1] | 29s,89 G | 5″,1 G |

[1] 𝒫 augmentée de 2″ : erreur de réduct.

**29892 P. — 41187 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 21h 6m | 111°17′ |
| 39 9-11 | | 28″,2 F |
| 49 9-25 | | 30,0 G |
| II. | 21h 7m | 111°13′ |
| 55 9-19 | 39s,39 G | 51″,2 G |
| 59 10-22 | | 46,4 G |
| 10-26 | | 50,0 G |
| III. | 21h 8m | 111°10′ |
| 74 8-26 | 30s,95 M | 9″,5 M |
| 8-26 | 30,79 G | 9,1 G |
| 76 8- 5 | 30,97 M | 8,3 M |
| 8- 5 | 30,78 G | 8,3 G |

**29893 P. — 41272-73 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 21h 8m | 46°38′ |
| 80 8-13 | 32s,40 G | 27″,6 G |
| 9- 8[1] | 32,32 G | 27,8 G |
| 9-15 | 32,41 G | 27,4 G |

[1] 𝒜 diminuée de 0s,60 : erreur de 1s sur les trois derniers fils.

**29894 P. — 41233 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 21h 7m | 93°9′ |
| 57 8- 9 | 47s,10 G | |
| III. | 21h 8m | 93°5′ |
| 78 9-20 | 34s,03 G | |
| 9-21 | 34,01 G | |
| 9-24 | 34,11 G | 21″,4 G |

**29895 P. — 41248 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 21h 7m | 72°57′ |
| 57 8-21 | | 19″,2 G |
| 59 8-29 | 52s,61 G | 21,2 G |
| III. | 21h 8m | 72°51′ |
| 71 8-27 | 34s,51 G | 41″,1 G |

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**29896 P. — 41234 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | 21h7m | 91°45' |
| 58 9-27 | | 51″,2 F |
| III. | 21h8m | 91°42' |
| 79 9-1 | 35s,41 M | 11″,7 M |
| 9-10 | 35,41 M | 12,3 M |

**29897 P. — 41220 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | 21h7m | 104°58' |
| 54 9-6 | 46s,19 G | 44″,7 G |
| III. | 21h8m | 104°55' |
| 78 9-24 | 35s,72 M | 5″,9 M |
| 9-29 | 35,99 M | 5,4 M |

**29898 P. — 41250 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | 21h7m | 76°26' |
| 58 10-2 | | 7″,1 G |
| 10-5 | 58s,91 G | 5,8 G |
| III. | 21h8m | 76°22' |
| 71 9-14 | 41s,78 G | |
| 74 9-24 | 41,62 M | 27″,2 M |
| 75 8-23 | 41,71 M | 26,0 M |

**29899 P. — 41265 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | 21h8m | 64°19' |
| 58 10-4 | 2s,37 G | 0″,0 G |
| III. | 21h8m | 64°15' |
| 71 8-29 | 41s,80 M | 20″,3 M |

**29900 P. — 41213 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | 21h7m | 112°1' |
| 58 8-4 | | 5″,0 G |
| 60 10-9[1] | 52s,32 G | 7,6 G |

[1] D augmentée de 1' : erreur de réduct.

**29901 P. — 41241 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | 21h7m | 96°35' |
| 55 8-16 | | 14″,9 G |
| 9-9 | 59s,48 G | |
| III. | 21h8m | 96°31' |
| 69 8-27 | 47s,33 M | 33″,1 M |
| 76 10-9 | 47,36 M | 33,9 M |

**29902 P. — 41232 L.**

| A. M. J. | AR | D |
|---|---|---|
| I. | 21h7m | 105°48' |
| 39 8-23 | 9s,72 G | 40″,1 F |
| 8-24 | 9,78 G | |
| 40 10-6 | 9,76 G | 42,4 F |
| 42 7-23 | 9,79 G | |
| 9-15 | 9,73 G | |
| 9-16 | 9,65 G | |
| 51 6-16 | 9,81 G | |
| 8-10 | 9,47 G | |
| 8-11 | 9,78 G | |
| 52 7-31 | 9,79 G | |
| II. | 21h7m | 105°45' |
| 54 9-18 | 59s,45 G | 1″,1 G |
| III. | 21h8m | 105°41' |
| 79 8-2[1] | 49s,72 J | 22″,1 J |
| 9-25 | 49,55 J | 21,4 J |
| 9-27 | 49,55 J | 23,1 J |
| 9-30 | 49,55 J | 22,7 J |
| 81 8-27 | 49,60 M | 22,6 M |

[1] AR diminuée de 1s : correction indiquée comme probable par l'observateur.

**29903 P. — 41269 L.**

| A. M. J. | AR | D |
|---|---|---|
| I. | 21h7m | 60°44' |
| 40 8-28 | 33s,01 G | |
| 41 8-27 | 33,00 G | |
| 44 8-21 | 33,09 G | |
| 8-28 | 33,04 G | |
| 52 10-18 | 33,22 G | |
| II. | 21h8m | 60°40' |
| 58 9-6 | 11s,35 G | 35″,2 G |
| III. | 21h8m | 60°36' |
| 69 10-6 | 49s,93 M | 55″,1 M |

**29904 P. — 41270 L.**

| A. M. J. | AR | D |
|---|---|---|
| III. | 21h8m | 58°31' |
| 80 9-8 | 52s,10 J | 58″,8 J |
| 9-20 | 52,19 J | 58,4 J |

**29905 P. — 149 W1.**

| A. M. J. | AR | D |
|---|---|---|
| II. | 21h8m | 96°2' |
| 57 10-22 | | 40″,7 G |

**29906 P. — 41258-59 L.**

| A. M. J. | AR | D |
|---|---|---|
| III. | 21h8m | 74°2' |
| 74 9-18 | 54s,19 G | 13″,6 G |
| 79 9-12 | 54,48 G | 14,3 G |

**29907 P. — 41221 L.**

| A. M. J. | AR | D |
|---|---|---|
| III. | 21h8m | 118°47' |
| 79 10-6 | 56s,77 J | 22″,9 J |
| 10-16 | 56,81 J | |
| 81 9-19 | 56,82 M | 21,3 M |

**29908 P. — 41257 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | 21h8m | 77°20' |
| 67 9-4 | 15s,44 M | 12″,3 M |
| III. | 21h8m | 77°16' |
| 71 9-15 | 58s,34 M | |

**29909 P. — 12274 Cambridge.**

| A. M. J. | AR | D |
|---|---|---|
| I. | 21h7m | 60°59' |
| 40 9-12 | 43s,31 G | |

**29910 P. — 12275 Cambridge.**

| A. M. J. | AR | D |
|---|---|---|
| I. | 21h7m | 59°56' |
| 40 9-29 | 45s,09 G | |
| 9-30 | 45,02 G | |

**29911 P. — 9355 Brux.**

| A. M. J. | AR | D |
|---|---|---|
| I. | 21h7m | 60°31' |
| 40 8-20 | | 19″,8 F |
| 9-21 | 47s,57 G | |
| 10-10 | 47,48 G | |
| 10-12 | 47,53 G | |
| 10-13 | 47,45 G | |
| 10-30 | 47,48 G | |
| 10-31 | 47,65 G | |
| 11-6 | 47,51 G | |
| 44 9-2 | 47,46 G | |
| II. | 21h8m | 60°27' |
| 59 9-23 | 25s,91 G | |

**29912 P. — 41261 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | 21h8m | 82°0' |
| 58 9-15 | 21s,35 G | |
| 61 9-7 | 21,40 G | 3″,9 G |
| 10-12 | 21,53 G | |
| III. | 21h9m | 81°56' |
| 71 9-19 | 5s,61 M | 23″,0 M |

**29913 P. — 41247 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | 21h8m | 99°42' |
| 56 8-2 | | 1″,3 G |
| 60 8-24 | 17s,81 G | |
| 61 10-20 | 17,85 G | 1,1 G |

**29914 P. — 41252 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | 21h8m | 93°7' |
| 57 8-9 | 19s,78 G | |
| III. | 21h9m | 93°3' |
| 79 9-11 | 6s,79 M | 37″,9 M |
| 80 9-24 | 6,88 M | 39,0 M |

**29915 P. — 4585 A + 12°.**

| A. M. J. | AR | D |
|---|---|---|
| III. | 21h9m | 77°11' |
| 71 9-15 | 8s,19 G | |

**29916 P. — 41246 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | 21h8m | 103°46' |
| 58 8-27[1] | | 47″,1 G |
| 59 10-17 | 19s,10 G | |
| III. | 21h9m | 103°43' |
| 79 8-16 | 8s,62 J | 8″,3 J |

[1] D diminuée de 10″ : err. de réduct.

**29917 P. — 41277-78 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | 21h8m | 62°25' |
| 58 8-8 | 30s,05 G | 24″,5 G |
| 9-10 | | 25,1 G |
| 9-19[1] | 29,88 G | 24,7 G |
| 59 10-2[2] | 30,33 G | 25,9 G |
| III. | 21h9m | 62°21' |
| 71 10-5 | 9s,01 G | |

[1] D diminuée de 5'.
[2] D augmentée de 1'.

**29918 P. — 41303-04 L.**

| A. M. J. | AR | D |
|---|---|---|
| III. | 21h9m | 44°54' |
| 80 9-29 | 11s,04 G | 16″,1 G |

**29919 P. — 41251 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | 21h8m | 99°58' |
| 55 9-9 | | 16″,8 G |
| 60 8-25 | 23s,37 G | |

**29919 P. (suite).**

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|---|---|---|
| III. | 21h9m | 99°54' |
| 79 9-11 | 11s,79 J | 35",4 J |

**29920 P. — 41256 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h8m | 91°48' |
| 56 8-3 | 25s,79 G | 46",5 G |
| III. | 21h9m | 91°45' |
| 77 10-15 | 12s,26 M | 9",4 M |

**29921 P. — 5504 Sf. — 5°.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h8m | 95°30' |
| 57 7-23 | 27s,45 G | |

**29922 P. — 41279 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h8m | 71°57' |
| 58 9-30 | 43s,08 G | 33",3 G |
| 10-8 | | 33,9 G |
| III. | 21h9m | 71°53' |
| 79 8-11 | 24s,62 G | 53",3 G |

**29923 P. — 10643 Leipzig II.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h8m | 83°33' |
| 57 10-2 | 44s,77 G | 5",9 G |

**29924 P. — 41310 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h8m | 49°25' |
| 66 8-6 | 56s,69 G | |
| III. | 21h9m | 49°22' |
| 80 9-6 | 31s,11 G | 13",2 G |
| 10-1 | 31,55 G | 15,2 G |

**29925 P. — 41255 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h8m | 110°45' |
| 55 9-23 | 43s,51 G | |
| III. | 21h9m | 110°41' |
| 79 10-3 | 34s,48 J | 31",2 J |
| 10-4 | 34,39 J | 31,2 J |
| 10-7 | 34,46 J | 32,1 J |

**29926 P. — 41274-75 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 21h8m | 85°23' |
| 38 8-15 | 4s,37 G | 19",3 F |
| 11-30 | 4,39 G | |
| 39 10-19 | 4,49 G | |
| II. | 21h8m | 85°19' |
| 55 9-28 | 49s,37 G | |
| 10-21[1] | | 44",8 G |
| III. | 21h9m | 85°16' |
| 71 9-12 | 34s,35 M | 3",5 M |
| 9-18 | | 2,8 M |
| 73 9-23 | 34,49 G | |
| 9-25 | 34,54 M | 4,8 M |
| 9-25 | 34,65 G | |

[1] D diminuée de 25",4 (distance des fils horizontaux).

**29927 P. — 41268 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 21h7m | 99°51' |
| 47 8-31 | 58s,20 G | |
| 48 8-18 | | 20",7 G |
| II. | 21h8m | 99°47' |
| 54 8-20 | 46s,65 G | |
| 9-29 | 46,73 G | |
| 58 9-9 | | 43",2 G |
| 9-13 | | 43,2 G |
| 60 8-24 | 46,65 G | |
| 9-12 | 46,92 G | 44,4 G |
| 61 10-20 | | 44,4 G |
| III. | 21h9m | 99°44' |
| 68 10-9 | 35s,13 M | 1",9 M |
| 76 10-7 | 35,06 M | 3,0 M |

**29928 P. — 41285 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 21h9m | 72°21' |
| 81 9-13 | 35s,79 J | 30",1 J |
| 9-16 | 35,74 J | 29,4 J |
| 9-19 | 35,63 J | 29,6 J |

**29929 P. — 41281 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 21h9m | 81°44' |
| 81 9-28 | 38s,10 J | 29",8 J |

**29930 P. — 12286 Cambridge.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h9m | 62°26' |
| 59 10-2 | 4s,37 G | |

**29931 P. — 41271 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h8m | 99°44' |
| 60 9-12 | 58s,85 G | |
| 61 10-20 | | 21",7 G |
| III. | 21h9m | 99°40' |
| 74 8-19 | 46s,85 G | |
| 9-5 | 47,14 M | 38",6 M |
| 79 9-8 | 46,82 J | 39,6 J |

**29932 P. — 41320 L.**

65 τ Cygne.

Étoile fondamentale.

**29933 P. — 4358 A + 29°.**

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 21h8m | 60°10' |
| 49 8-15 | 32s,27 G | |
| 8-19 | 32,56 G | |
| 8-21[1] | 33,31 G | |

[1] Æ non comprise dans la moyenne : on n'a pu décider si l'obs. était en erreur de 1s ou bien si elle se rapportait à 4360 A+30°.

**29934 P. — 41290 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h9m | 79°6' |
| 58 7-21 | | 0",0 G |
| 8-24 | 6s,68 G | 0,8 G |
| 8-26 | 6,67 G | 1,5 G |
| 9-11 | 6,73 G | 1,0 G |

**29935 P. — 41294 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 21h9m | 75°11' |
| 81 9-18 | 51s,26 J | 14",3 J |

**29936 P. — 41298-99 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 21h9m | 73°47' |
| 81 9-4 | 51s,70 J | 18",6 J |
| 9-15 | 51,26 J | 18,4 J |

**29937 P. — 41308 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h9m | 64°44' |
| 59 10-22 | 11s,75 G | |
| 61 8-27 | 12,05 G | 8",0 G |
| III. | 21h9m | 64°40' |
| 80 9-5 | 51s,57 M | 26",5 M |

**29938 P. — 41283 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h9m | 91°29' |
| 57 7-24 | 5s,38 G | |
| 58 8-20 | 5,40 G | 18",5 G |
| 9-26 | 5,38 G | 19,1 G |
| III. | 21h9m | 91°25' |
| 78 9-2 | 51s,83 J | 39",2 J |
| 10-3 | 51,84 M | 39,5 M |

**29939 P. — 41286 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h9m | 86°10' |
| 58 11-1 | | 30",2 G |
| 59 8-23 | | 31,9 G |
| 9-3 | | 30,8 G |
| 60 8-17 | 8s,67 G | |
| 61 9-2 | 8,56 G | |

**29940 P. — 173 W$_1$.**

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 21h9m | 105°37' |
| 68 8-12 | 53s,93 M | 3",2 M |
| 80 9-30 | 54,21 M | 4,0 M |
| 81 10-1 | 54,16 M | 4,1 M |

**29941 P. — 205 W$_2$.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h9m | 62°26' |
| 59 10-2 | 17s,49 G | |

**29942 P. — 41296-97 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h9m | 79°53' |
| 55 10-13 | 14s,74 G | 41",3 G |
| 58 8-27 | 14,51 G | |
| 8-28 | | 40,3 F |

**29943 P. — 41284 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h9m | 98°14' |
| 55 8-13 | 15s,56 G | |
| III. | 21h10m | 98°10' |
| 68 8-11 | 3s,33 M | 29",2 M |
| 74 9-15 | 3,54 G | 32,8 G |

**29944 P. — 41301-02 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h9m | 79°39' |
| 56 8-14 | 20s,64 G | |
| 58 8-16 | 20,55 G | 1",3 G |
| 8-17[1] | 20,71 G | 3,1 G |
| 9-27 | 20,60 G | 2,3 G |

[1] Æ diminuée de 0s,10 : erreur de moy.

Dates 1800+ | Positions moyennes pour les époques du Catal.

### 29945 P. — 41312 L

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $21^h9^m$ | 70°51′ |
| 57 8-21 | | 58″,0 G |
| 9-6 | 25$^s$,79 G | 58,3 G |
| III. | $21^h10^m$ | 70°48′ |
| 71 9-3 | 7$^s$,08 G | 16″,4 G |

### 29946 P. — 41276 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $21^h9^m$ | 110°5′ |
| 55 9-7 | 17$^s$,01 G | |
| 62 8-13 | 17,24 G | 15″,7 G |
| III. | $21^h10^m$ | 110°1′ |
| 78 8-24 | 8$^s$,17 M | 34″,3 M |
| 10-2 | 8,04 M | 32,3 M |

### 29947 P. — 190 W$_1$.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $21^h9^m$ | 80°55′ |
| 56 9-26 | | 10″,2 G |
| 62 8-6 | 25$^s$,42 G | 10,7 G |

### 29948 P. — 41324-25 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $21^h9^m$ | 62°34′ |
| 59 9-1 | 32$^s$,19 G | 10″,8 G |
| III. | $21^h10^m$ | 62°30′ |
| 79 9-18 | 11$^s$,12 G | 31″,5 G |

### 29949 P. — 41293 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $21^h9^m$ | 92°11′ |
| 55 8-9 | 24$^s$,86 G | |
| 9-26 | | 20″,5 G |
| 57 9-14 | | 19,4 G |
| III. | $21^h10^m$ | 92°7′ |
| 69 8-24 | 11$^s$,46 M | 40″,5 M |
| 76 8-10 | 11,51 G | 39,4 G |
| 9-5 | | 39,7 G |
| 9-19 | 11,36 G | 39,2 G |

### 29950 P. — 5158 R$_1$.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $21^h9^m$ | 48°32′ |
| 67 10- | 38$^s$,15 M | 25″,6 M |

### 29951 P. — 41447 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $21^h10^m$ | 15°24′ |
| 53 7-21 | 18$^s$,89 G | |
| 8-6 | 18,71 G | |
| 10-8 | 18,61 G | |
| 10-12 | 18,98 G | |
| 10-13 | 18,99 G | |
| II. | $21^h10^m$ | 15°20′ |
| 54 1-24 I | 15$^s$,56 G | |

### 29952 P. — 41282 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $21^h9^m$ | 110°22′ |
| 58 8-5 | | 31″,4 G |
| III. | $21^h10^m$ | 110°18′ |
| 81 9-15[1] | 13$^s$,35 M | 52″,1 M |

[1] 𝒫 augmentée de 20″ : erreur de réduct.

### 29953 P. — 41287-88 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $21^h9^m$ | 100°42′ |
| 54 9-19 | 25$^s$,10 G | 59″,4 G |
| III. | $21^h10^m$ | 100°39′ |
| 80 8-13 | 13$^s$,66 M | 15″,8 M |

### 29954 P. — 41316 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $21^h9^m$ | 74°28′ |
| 58 10-3 | 32$^s$,53 G | 40″,9 G |
| 10-12 | 32,59 G | |
| III. | $21^h10^m$ | 74°25′ |
| 79 9-28 | 14$^s$,73 G | 0″,2 G |

### 29955 P. — 4 Poisson austr.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $21^h8^m$ | 122°48′ |
| 41 8-27 | | 54″,0 F |
| 50 8-30[1] | | 59,9 G |
| 9-2[2] | | 56,8 G |
| 9-2 | | 57,0 F |

[1] 𝒫 augm. de 10″ : erreur de réduct.
[2] 𝒫 diminuée de 1″,8 : erreur de réduct.

### 29956 P. — 41291 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $21^h9^m$ | 103°51′ |
| 58 10-29[1] | | 47″,2 F |
| 60 9-6[2] | 33$^s$,33 G | 38,6 G |
| 9-6 | | 42,4 F |

### 29956 P. (suite).

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $21^h9^m$ | 103°51′ |
| 60 9-16 | | 41,1 G |
| 67 9-19 | 33,55 M | 41,4 M |

[1] 𝒫 non comprise dans la moyenne.
[2] 𝒫 augm. de 1′ : erreur de réduct.

### 29957 P. — 41345 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $21^h10^m$ | 47°33′ |
| 81 9-19 | 23$^s$,52 G | 56″,6 G |

### 29958 P. — 41326 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $21^h9^m$ | 65°12′ |
| 41 9-20 | 6$^s$,31 G | |
| II. | $21^h9^m$ | 65°8′ |
| 58 11-7 | | 44″,6 G |
| 60 10-6 | 46$^s$,28 G | 46,1 G |
| III. | $21^h10^m$ | 65°5′ |
| 79 10-12 | 25$^s$,95 J | 4″,3 J |

### 29959 P. — 41322 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $21^h9^m$ | 76°28′ |
| 40 8-10 | | 48″,9 G |
| II. | $21^h9^m$ | 76°25′ |
| 57 10-3 | 43$^s$,44 G | 5″,6 G |
| 10-20 | 43,48 G | 7,7 G |
| 58 10-5 | 43,53 G | 6,4 G |

### 29960 P. — 41311 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $21^h9^m$ | 89°24′ |
| 57 8-13 | 42$^s$,58 G | 57″,9 G |
| 58 8-12 | 42,43 G | 59,1 G |
| 9-28 | 42,37 G | |

### 29961 P. — 41321 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $21^h9^m$ | 83°3′ |
| 55 11-2 | 45$^s$,49 G | |
| 57 8-22 | | 55″,4 G |
| 60 10-3 | 45,50 G | |
| 10-24 | 45,49 G | 56,5 G |
| 62 8-12 | 45,35 G | 55,0 G |

### 29962 P. — 41339 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $21^h9^m$ | 58°32′ |
| 67 9-11 | | 4″,2 G |
| III. | $21^h10^m$ | 58°28′ |
| 68 8-4 | 33$^s$,08 G | |
| 74 8-19 | 33,13 M | 22″,4 M |
| 9-17 | 33,28 M | 23,4 M |
| 9-19 | 33,19 M | 22,3 M |

### 29963 P. — 41341 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $21^h9^m$ | 53°19′ |
| 59 11-23 | | 43″,6 G |
| 61 8-28 | 57$^s$,58 G | |
| 62 9-16 | 57,42 G | 42,8 G |
| 9-19 | 57,52 G | |
| 9-22 | 57,36 G | 42,8 G |
| 10-1 | 57,61 G | 43,1 G |

### 29964 P. — 41313 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $21^h9^m$ | 91°39′ |
| 55 9-6 | 47$^s$,38 G | |
| 58 7-30 | | 31″,0 G |
| 8-23 | | 32,8 G |
| 8-27 | | 32,2 F |
| 9-5 | 47,29 G | 32,1 G |
| III. | $21^h10^m$ | 91°35′ |
| 69 8-25 | | 50″,8 M |
| 76 10-9 | 34$^s$,06 G | 51,4 G |

### 29965 P. — 41318 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $21^h9^m$ | 89°33′ |
| 57 10-12 | 49$^s$,31 G | 20″,0 G |
| III. | $21^h10^m$ | 89°29′ |
| 71 9-9 | 35$^s$,35 M | 39″,9 M |

### 29966 P. — 41307 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $21^h9^m$ | 100°39′ |
| 54 9-11 | 46$^s$,98 G | 30″,7 G |
| III. | $21^h10^m$ | 100°35′ |
| 78 9-27 | 35$^s$,68 M | 48″,9 M |

### 29967 P. — 27863 Mn$_1$.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $21^h10^m$ | 85°52′ |
| 74 7-30 | 39$^s$,55 M | 21″,8 M |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (𝔄. 𝔓.)

### 29968 P. — 41333 L.

| A. | M. J. | 𝔄. | 𝔓. |
|---|---|---|---|
| | II. | $21^h 9^m$ | 76°46′ |
| 58 | 11- 3 | 56s,89 G | |
| | III. | $21^h 10^m$ | 76°43′ |
| 71 | 9- 2 | 39s,83 G | 6″,2 G |
| | 9- 5 | 39,81 G | |
| | 9- 9 | 39,88 G | |
| 74 | 9-14 | 39,94 M | 5,9 M |
| 75 | 9- 4 | 39,89 M | 6,2 M |
| | 9-14 | 39,88 M | 4,7 M |

### 29969 P. — 41289 L.

| A. | M. J. | 𝔄. | 𝔓. |
|---|---|---|---|
| | II. | $21^h 9^m$ | 119°16′ |
| 58 | 8-15 | | 38″,1 G |

### 29970 P. — 41350-51 L.

| A. | M. J. | 𝔄. | 𝔓. |
|---|---|---|---|
| | II. | $21^h 10^m$ | 48°33′ |
| 66 | 8-10 | 7s,50 G | |
| | III. | $21^h 10^m$ | 48°29′ |
| 80 | 9- 2 | 41s,55 G | 49″,8 G |

### 29971 P. — 41340 L.

| A. | M. J. | 𝔄. | 𝔓. |
|---|---|---|---|
| | II. | $21^h 10^m$ | 64°13′ |
| 57 | 10- 1[1] | | 55″,8 G |
| 58 | 7-14 | 7s,29 G | |
| | 8-28 | 7,39 G | 54,8 G |
| | 8-31 | 7,55 G | 54,3 G |
| | 9-17 | 7,43 G | |
| | 11-11 | | 54,6 G |
| | III. | $21^h 10^m$ | 64°10′ |
| 71 | 10-12 | 46s,91 G | |

[1] 𝔓 diminuée de 5′.

### 29972 P. — 41323 L.

| A. | M. J. | 𝔄. | 𝔓. |
|---|---|---|---|
| | II. | $21^h 10^m$ | 95°56′ |
| 55 | 8-27 | 3s,08 G | |
| 56 | 8- 4 | 2,97 G | |
| | 8-23 | | 53″,3 G |
| 57 | 7-31 | | 56,2 G |
| | 9-22 | 2,96 G | |
| | III. | $21^h 10^m$ | 95°53′ |
| 76 | 9-21 | 50s,63 M | 13″,3 M |
| | 9-22 | 50,58 M | 14,9 M |

### 29973 P. — 41334 L.

| A. | M. J. | 𝔄. | 𝔓. |
|---|---|---|---|
| | II. | $21^h 10^m$ | 86°40′ |
| 56 | 10-21 | | 12″,7 G |
| 59 | 8-24 | 9s,57 G | |

### 29973 P. (suite).

| A. | M. J. | 𝔄. | 𝔓. |
|---|---|---|---|
| | III. | $21^h 10^m$ | 86°36′ |
| 73 | 8-23 | 54s,88 M | 30″,6 M |

### 29974 P. — 41317 L.

| A. | M. J. | 𝔄. | 𝔓. |
|---|---|---|---|
| | II. | $21^h 10^m$ | 106°28′ |
| 54 | 8-27 | 5s,34 G | |
| 57 | 10-16 | 5,45 G | 26″,3 G |
| | III. | $21^h 10^m$ | 106°24′ |
| 68 | 9- 2 | 55s,52 M | |
| | 9- 3 | 55,57 M | 43″,0 M |
| | 9- 4 | 55,64 M | 42,5 M |

### 29975 P. — 41315 L.

| A. | M. J. | 𝔄. | 𝔓. |
|---|---|---|---|
| | I. | $21^h 9^m$ | 108°37′ |
| 39 | 8-24 | 15s,33 G | |
| | 9-11 | | 49″,7 F |
| 41 | 9-29 | 15,10 G | |
| 46 | 7-23 | 15,21 G | |
| | 9-25[1] | 15,12 G | |
| | 9-26 | 15,14 G | |
| | 10- 1 | 15,23 G | |
| | 10- 7 | 15,21 G | |
| | 10-22 | 15,32 G | |
| | 10-23 | 15,20 G | |
| | 10-27 | 15,14 G | |
| | 11-14 | 15,29 G | |
| 47 | 8-31 | | 50,8 F |
| 48 | 9-19 | 15,31 G | |
| | 9-20 | 15,23 G | |
| 49 | 9-18 | 15,37 G | |
| 50 | 9-17 | 15,30 G | |
| 52 | 8-27 | 15,45 G | |
| | 9- 3 | 15,35 G | |
| | II. | $21^h 10^m$ | 108°34′ |
| 54 | 8-24 | 5s,86 G | 8″,5 G |
| | 8-25 | 5,91 G | 6,6 G |
| | III. | $21^h 10^m$ | 108°30′ |
| 78 | 8-24 | 56s,39 G | 25″,3 G |

[1] 𝔄 augmentée de $1^m$.

### 29976 P. — 4024 A + 27°.

| A. | M. J. | 𝔄. | 𝔓. |
|---|---|---|---|
| | II. | $21^h 10^m$ | 62°55′ |
| 58 | 9-19 | 18s,10 G | |

### 29977 P. — 41338 L.

| A. | M. J. | 𝔄. | 𝔓. |
|---|---|---|---|
| | I. | $21^h 9^m$ | 76°41′ |
| 39 | 8-21 | 31s,80 G | |
| | 8-23 | 31,88 G | 28″,2 F |
| 40 | 8-17 | 31,83 G | |
| | 8-20 | 31,80 G | |

### 29977 P. (suite).

| A. | M. J. | 𝔄. | 𝔓. |
|---|---|---|---|
| | II. | $21^h 10^m$ | 76°37′ |
| 56 | 9-16 | 14s,51 G | |
| 57 | 10-13 | 14,64 G | 46″,5 G |
| 58 | 9- 8 | | 48,9 F |

### 29978 P. — 41353 L.

| A. | M. J. | 𝔄. | 𝔓. |
|---|---|---|---|
| | II. | $21^h 10^m$ | 55°56′ |
| 67 | 8-27 | 21s,44 G | 58″,5 G |
| | III. | $21^h 10^m$ | 55°53′ |
| 69 | 10- 9 | 58s,10 M | 17″,7 M |

### 29979 P. — 41336 L.

| A. | M. J. | 𝔄. | 𝔓. |
|---|---|---|---|
| | III. | $21^h 10^m$ | 85°53′ |
| 74 | 9-14 | 58s,16 G | 38″,0 G |
| 75 | 8-27 | 58,28 G | 36,5 G |
| 79 | 9-18 | 58,17 J | 39,1 J |

### 29980 P. — 41329 L.

| A. | M. J. | 𝔄. | 𝔓. |
|---|---|---|---|
| | II. | $21^h 10^m$ | 96°3′ |
| 56 | 8- 4 | 11s,95 G | |
| | III. | $21^h 10^m$ | 95°59′ |
| 68 | 10- 8 | 59s,55 M | 23″,1 M |

### 29981 P. — 41365 L.

| A. | M. J. | 𝔄. | 𝔓. |
|---|---|---|---|
| | II. | $21^h 10^m$ | 45°37′ |
| 67 | 9-10 | | 37″,5 M |

### 29982 P. — 231 $W_2$.

| A. | M. J. | 𝔄. | 𝔓. |
|---|---|---|---|
| | I. | $21^h 9^m$ | 59°17′ |
| 40 | 8-30 | 45s,85 G | |

### 29983 P. — 41328 L.

| A. | M. J. | 𝔄. | 𝔓. |
|---|---|---|---|
| | II. | $21^h 10^m$ | 96°21′ |
| 55 | 9-10 | 14s,18 G | |
| 56 | 7-26 | 14,29 G | 47″,2 G |
| | III. | $21^h 11^m$ | 96°18′ |
| 79 | 9-24 | 1s,83 J | 8″,0 J |

### 29984 P. — 41357 L.

| A. | M. J. | 𝔄. | 𝔓. |
|---|---|---|---|
| | III. | $21^h 11^m$ | 57°45′ |
| 80 | 9- 1 | 9s,45 J | 19″,7 J |
| | 9-13 | 9,73 J | 20,6 J |

### 29985 P. — 215 $W_1$.

| A. | M. J. | 𝔄. | 𝔓. |
|---|---|---|---|
| | II. | $21^h 10^m$ | 79°1′ |
| 58 | 8-24 | 26s,32 G | 24″,5 G |

### 29986 P. — 41331 L.

| A. | M. J. | 𝔄. | 𝔓. |
|---|---|---|---|
| | I. | $21^h 9^m$ | 108°6′ |
| 39 | 9-11[1] | | 31″,0 F |
| 40 | 10-30 | 34s,86 G | |
| | 10-31 | 34,81 G | |
| 41 | 9- 8 | 35,04 G | |
| 46 | 7-31 | 35,08 G | |
| | 8-14 | 34,95 G | |
| 48 | 10- 7 | 34,85 G | |
| | 10- 8 | 35,00 G | |
| 49 | 8-27 | 34,87 G | |
| | 8-31 | | 31,3 G |
| | 9-28 | 34,92 G | |
| 53 | 8-18 | 34,73 G | |
| | II. | $21^h 10^m$ | 108°2′ |
| 54 | 8-28 | 25s,27 G | |
| | 9- 1 | | 47″,3 G |
| | III. | $21^h 11^m$ | 107°59′ |
| 80 | 9-15 | 15s,97 G | 6″,6 M |

[1] 𝔓 diminuée de 10′.

### 29987 P. — 41344 L.

| A. | M. J. | 𝔄. | 𝔓. |
|---|---|---|---|
| | II. | $21^h 10^m$ | 82°20′ |
| 55 | 10- 8 | 31s,96 G | |
| 57 | 10-24 | | 57″,3 G |
| | III. | $21^h 11^m$ | 82°17′ |
| 71 | 9- 5 | 16s,18 M | 14″,8 M |

### 29988 P. — 220 $W_1$.

| A. | M. J. | 𝔄. | 𝔓. |
|---|---|---|---|
| | II. | $21^h 10^m$ | 78°57′ |
| 58 | 8-24 | 35s,74 G | |

### 29989 P. — 213 $W_1$.

| A. | M. J. | 𝔄. | 𝔓. |
|---|---|---|---|
| | I. | $21^h 9^m$ | 94°7′ |
| 48 | 10-13 | 9s,57 G | |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜. 𝒫.)

### 29990 P. — 41332 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $21^h10^m$ | 110°55' |
| 55 | 8-17 | 29s,57 G | |
| 58 | 8-4 | | 8",3 G |
| | III. | $21^h11^m$ | 110°51' |
| 79 | 9-12 | 20s,72 J | 28",5 J |

### 29991 P. — 41371 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $21^h10^m$ | 51°29' |
| 62 | 9-19 | | 10",3 G |
| 67 | 8-24 | 50s,33 G | 11,8 G |
| | III. | $21^h11^m$ | 51°25' |
| 79 | 9-10 | 25s,50 G | 27",8 G |
| | 9-11 | 25,60 G | 28,6 G |

### 29992 P. — 41382 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | $21^h11^m$ | 44°47' |
| 80 | 8-13 | 26s,42 G | 21",1 G |
| | 9-26 | 26,35 G | 20,2 G |

### 29993 P. — 41342 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | $21^h11^m$ | 91°54' |
| 81 | 8-9 | 27s,60 J | 36",9 J |
| | 8-27 | 27,52 J | 37,8 J |

### 29994 P. — 242 $W_2$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | $21^h10^m$ | 68°6' |
| 40 | 10-12 | 6s,43 G | |
| | 10-13 | 6,51 G | |
| | II. | $21^h10^m$ | 68°3' |
| 59 | 7-28 | 47s,30 G | |
| | 8-12 | 47,14 G | 4",6 G |

### 29995 P. — 41337 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $21^h10^m$ | 103°54' |
| 54 | 8-29 | 39s,17 G | |
| 57 | 9-9 | | 26",2 G |
| 60 | 9-3 | 39,30 G | 25,0 G |
| | III. | $21^h11^m$ | 103°50' |
| 78 | 9-28 | 28s,67 M | 45",7 M |
| | 9-29 | 28,87 M | 45,9 M |

### 29996 P. — 41335 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $21^h10^m$ | 114°23' |
| 55 | 9-27 | 39s,01 G | 36",6 G |
| | III. | $21^h11^m$ | 114°19' |
| 79 | 9-1 | 31s,30 M | 51",9 M |

### 29997 P. — 41330 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $21^h10^m$ | 119°20' |
| 57 | 7-11 | 37s,55 G | |
| 58 | 10-6 | | 56",2 G |
| 59 | 10-17 | | 58,2 G |
| | 10-26 | | 57,4 G |

### 29998 P. — 41348 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $21^h10^m$ | 90°24' |
| 58 | 11-4 | 47s,99 G | 56",5 G |
| 60 | 8-9 | 48,24 G | 57,4 G |
| | 10-9 [1] | 48,19 G | 58,1 G |
| 61 | 9-1 | 48,31 G | |
| | 9-7 | 48,13 G | 56,6 G |
| | 10-15 | 48,18 G | 57,8 G |
| | III. | $21^h11^m$ | 90°21' |
| 76 | 8-16 | 34s,85 G | 18",0 G |
| | 9-21 | 34,67 G | 18,1 G |
| | 10-7 | 34,74 G | 18,0 G |

[1] 𝒫 diminuée de 20": erreur de réduct.

### 29999 P. — 41376 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $21^h10^m$ | 54°15' |
| 66 | 9-15 | 59s,58 G | |
| 67 | 9-4 | 59,63 G | 40",4 G |
| | III. | $21^h11^m$ | 54°11' |
| 74 | 8-20 | 35s,99 M | 57",5 M |
| | 8-21 | 35,87 M | 58,1 M |
| | 8-22 | 36,03 M | 58,3 M |

### 30000 P. — 15 Verseau.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | $21^h10^m$ | 95°10' |
| 40 | 9-29 | 2s,99 G | |
| 46 | 8-10 | 3,17 G | |
| | 9-15 | 2,95 G | |
| | 9-16 | 3,13 G | |
| 47 | 8-14 | 3,00 G | |
| 48 | 9-17 | 2,88 G | |
| | 9-29 | 2,79 G | |
| | 10-26 | 2,86 G | |
| | 10-28 | 2,95 G | |
| | 11-14 | | 1",6 G |
| 49 | 8-31 | 3,02 G | |
| | 9-6 | 3,04 G | |
| 50 | 8-30 | 3,07 G | |
| 52 | 7-31 | 3,12 G | |

### 30000 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $21^h10^m$ | 95°6' |
| 57 | 7-23 | 50s,39 G | |

### 30001 P. — 12316 Cambridge.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | $21^h10^m$ | 62°27' |
| 40 | 9-21 [1] | 19s,73 G | |

[1] 𝒜 augmentée de 0s,40: erreur de 1s sur deux fils.

### 30002 P. — 41352 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $21^h10^m$ | 87°41' |
| 56 | 9-4 | 53s,63 G | 34",4 G |
| | III. | $21^h11^m$ | 87°37' |
| 74 | 8-20 | 39s,54 G | 52",7 G |

### 30003 P. — 41384 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | $21^h10^m$ | 46°24' |
| 40 | 9-12 | | 26",3 F |
| | II. | $21^h11^m$ | 46°20' |
| 66 | 8-18 | 6s,47 G | |
| | 8-22 [1] | 6,22 G | |
| | III. | $21^h11^m$ | 46°17' |
| 80 | 9-13 | 39s,85 G | 0",3 G |
| 81 | 8-24 | 39,68 G | 0,5 G |

[1] Indiquée à tort comme 41350 L. (dist. des fils).

### 30004 P. — 41355 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $21^h10^m$ | 81°40' |
| 56 | 9-26 | 55s,91 G | |
| | 10-25 | 55,93 G | |
| 58 | 8-1 | | 56",5 G |
| | 9-15 [1] | 57,15 G | 61,5 G |

[1] 𝒜 non comprise dans la moyenne: erreur probable de 1s.

### 30005 P. — 41358 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $21^h10^m$ | 80°2' |
| 57 | 8-2 | 57s,23 G | 46",4 G |
| | III. | $21^h11^m$ | 79°59' |
| 71 | 9-12 | 40s,90 M | 4",0 M |

### 30006 P. — 41343 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $21^h10^m$ | 102°50' |
| 54 | 8-30 | 51s,82 G | |
| | 9-20 [1] | 51,84 G | 54",1 G |
| | III. | $21^h11^m$ | 102°47' |
| 78 | 8-12 | 41s,12 G | 17",4 G |

[1] 𝒫 non comprise dans le Catalogue.

### 30007 P. — 41385 et 87 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | $21^h11^m$ | 48°16' |
| 80 | 8-23 | 44s,86 G | 8",8 G |
| | 9-15 | 44,98 G | 9,1 G |

### 30008 P. — 27919 $Mn_1$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $21^h10^m$ | 90°23' |
| 60 | 8-9 | 59s,94 G | |
| 61 | 9-7 | | 33",9 G |
| | 10-15 [1] | 59,89 G | |

[1] 𝒜 diminuée de 1s. erreur de transcr.

### 30009 P. — 250 $W_2$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | $21^h10^m$ | 62°25' |
| 40 | 9-21 | 31s,03 G | |

### 30010 P. — 41370 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | $21^h11^m$ | 69°44' |
| 58 | 8-7 | 11s,73 G | |
| | 9-10 | | 51",8 G |
| | 9-30 | 11,76 G | 52,8 G |

### 30011 P. — 41390 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | $21^h10^m$ | 68°6' |
| 40 | 10-10 | 32s,23 G | |
| | 10-12 | 32,12 G | |
| | 10-13 | 31,99 G | |
| | II. | $21^h11^m$ | 68°2' |
| 58 | 8-10 | | 29",5 G |
| | 9-6 [1] | 12s,93 G | 29,2 G |
| | 10-16 | 12,97 G | 29,0 G |
| | 11-7 | | 29,6 G |
| | 11-10 | | 29,6 G |
| 59 | 7-28 | 12,90 G | 29,3 G |
| | 9-23 [1] | 12,91 G | |
| | III. | $21^h11^m$ | 67°58' |
| 71 | 8-26 [2] | 53s,62 M | 46",0 M |
| 79 | 9-24 | 53,47 G | 43,7 G |
| | 9-30 [3] | 53,66 G | 45,3 G |

| Dates 1800 + A. | M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|---|

**30011 P. (suite).**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 21h11m | 67°58' |
| 81 | 9-13 | 53s,47 M | 47",6 M |
| | 9-28 | 53,53 M | 47,5 M |

¹ Indiquée à tort à l'obs. de passage comme 31370 L. (dist. des fils).

² 𝒜 diminuée de 0s,50 : erreur de 1s sur trois fils.

³ 𝒜 diminuée de 0s,40 : erreur de 1s sur deux fils.

**30012 P. — 41360 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 21h11m | 89°23' |
| 56 | 9- 5 | 7s,97 G | 25",0 G |
| 58 | 8-12 | 7,79 G | 24,4 G |

**30013 P. — 41356 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 21h11m | 94°12' |
| 78 | 9-20 | 54s,86 G | |
| | 9-21 | 54,80 G | |
| | 9-26 | 54,87 G | 15",1 G |

**30014 P. — 21294 A. O.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 21h11m | 105°37' |
| 68 | 8-12 | 58s,43 M | 56",7 M |
| 80 | 9-24 | 58,18 M | 58,2 M |
| 81 | 9-19 | 58,27 M | 57,8 M |

**30015 P. — 41375 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 21h11m | 70°4' |
| 56 | 9-19 | | 44",1 G |
| 59 | 8-29 | 17s,96 G | 45,2 G |
| | | III. | |
| | | 21h11m | 70°1' |
| 71 | 8-12 | 59s,20 G | 3",1 G |
| | 8-16 | 59,43 G | |
| | 8-19 | 59,11 G | |
| | 8-27 | 59,11 G | 3,1 G |

**30016 P. — 41349 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 21h11m | 110°41' |
| 55 | 9-25 | 9s,90 G | 33",8 G |
| 58 | 9- 9 | | 31,5 G |
| | | III. | |
| | | 21h12m | 110°37' |
| 79 | 9-27 | 1s,01 J | 48",2 J |

**30017 P. — 234 W1.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 21h11m | 79°22' |
| 57 | 9-11 | 18s,84 G | 54",6 G |

**30018 P. — 257 W2.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 21h12m | 68°8' |
| 71 | 8-26 | 4s,93 G | 11",2 G |

**30019 P. — 41388 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 21h12m | 58°37' |
| 74 | 9-18 | 4s,92 M | 21",1 M |
| 80 | 9- 8 | 4,95 J | 22,1 J |
| | 9-27 | 4,91 J | 21,7 J |

**30020 P. — 41378-79 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 21h11m | 72°57' |
| 56 | 9-14 | | 25",2 G |
| 59 | 7-17 | 24s,89 G | |
| | | III. | |
| | | 21h12m | 72°53' |
| 71 | 8-13 | 7s,12 G | 42",2 G |
| | 9-14 | 7,16 G | |

**30021 P. — 258 W2.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 21h11m | 68°22' |
| 58 | 8- 8 | 27s,01 G | |

**30022 P. — 41413 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 21h11m | 41°51' |
| 41 | 7-22 | | 12",4 F |
| | | III. | |
| | | 21h12m | 41°43' |
| 80 | 9- 6 | 7s,62 G | 45",9 G |
| 81 | 9-16 | 7,64 G | 46,8 G |

**30023 P. — 41373 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 21h11m | 80°20' |
| 55 | 11-15 | 26s,86 G | |
| 56 | 9- 6 | 26,84 G | 20",4 G |
| 57 | 9-19 | 26,87 G | 17,1 G |
| | 9-29 | 26,91 G | |
| | | III. | |
| | | 21h12m | 80°16' |
| 75 | 8-23 | 10s,79 G | 37",3 G |

**30024 P. — 41399 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 21h12m | 56°6' |
| 80 | 9-29 | 13s,41 J | 2",2 J |
| | 10- 1 | 13,52 J | 2,0 J |

**30025 P. — 244 W1.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 21h11m | 79°26' |
| 57 | 9-11 | 30s,11 G | |

**30026 P. — 41354 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 21h11m | 114°21' |
| 57 | 8-12 | 26s,18 G | 23",1 G |
| 61 | 9-27 | 26,32 G | 25,6 G |
| | 10- 2 | 26,29 G | 25,4 G |
| | 10-14 | 26,30 G | 26,6 G |

**30027 P. — 41361-62 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 21h10m | 106°49' |
| 39 | 10-19 | 37s,62 G | |
| 40 | 8-28 | 37,93 G | |
| | 8-31 | 37,82 G | 37",5 F |
| | | II. | |
| | | 21h11m | 106°45' |
| 54 | 9- 2 | 28s,10 G | 53",6 G |
| 58 | 9-11 | | 54,9 G |
| | | III. | |
| | | 21h12m | 106°42' |
| 79 | 8-16 | 18s,24 J | 11",2 J |

**30028 P. — 41367 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 21h11m | 97°43' |
| 56 | 8-24 | | 30",5 G |
| 61 | 8-27 | 32s,98 G | 29,8 G |
| | 10- 4 | | 31,3 G |
| | 10-10 | 33,20 G | 31,3 G |
| | 10-20 | 33,36 G | 30,0 G |
| | | III. | |
| | | 21h12m | 97°39' |
| 68 | 8-29 | 20s,86 M | 47",8 M |
| 76 | 10- 6 | 21,10 M | 47,6 M |
| | 10- 7 | 21,13 M | 47,2 M |

**30029 P. — 41381 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 21h11m | 81°40' |
| 56 | 8-26 | | 33",0 G |
| 59 | 8-23 | | 34,8 G |
| | | III. | |
| | | 21h12m | 81°36' |
| 71 | 9- 4 | 21s,51 M | 53",0 M |
| 74 | 9-15 | 21,46 G | 51,2 G |

**30030 P. — 41369 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 21h11m | 99°45' |
| 54 | 9-12 | | 26",2 G |

**30030 P. (suite).**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 21h12m | 99°41' |
| 76 | 10- 9 | 26s,68 M | 43",5 M |
| 79 | 9-11 | 26,51 J | 45,1 J |

**30031 P. — 41383 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 21h11m | 81°37' |
| 55 | 10-15 | 44s,23 G | |
| 56 | 9- 2 | | 30",9 G |
| 57 | 9-24 | | 31,0 G |
| | | III. | |
| | | 21h12m | 81°33' |
| 71 | 9-19 | 28s,52 M | 47",8 M |

**30032 P. — 41368 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 21h10m | 103°41' |
| 40 | 10-14 | 51s,31 G | |
| | | II. | |
| | | 21h11m | 103°38' |
| 54 | 9- 4 | | 6",2 G |
| 55 | 7-19 | 40s,79 G | |
| 58 | 10-29 | | 7,0 F |
| | | III. | |
| | | 21h12m | 103°34' |
| 78 | 8-24 | 30s,04 M | 22",5 M |
| | 9- 4 | 29,95 M | 22,4 M |
| | 9-19 | 30,11 M | 23,7 M |

**30033 P. — 41359 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 21h11m | 117°47' |
| 55 | 9- 8 | 37s,03 G | |
| 60 | 10-17 | 36,95 G | 49",8 G |
| | 10-25 | 36,83 G | 45,7 G |
| 61 | 10-26 | 37,06 G | 48,5 G |

**30034 P. — 41414-15 L.**

67 σ Cygne.

Étoile fondamentale.

**30035 P. — 41395 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 21h11m | 68°28' |
| 58 | 8- 8 | 49s,94 G | 13",5 G |
| | | III. | |
| | | 21h12m | 68°24' |
| 71 | 8-29 | 30s,67 M | 31",7 M |

**30036 P. — 41363 L.**

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 11m | 116°55′ |
| 55 9-23 | 39s,78 G | |
| 61 10-16 | 39,51 G | 38″,6 G |
| | III. | |
| | 21h 12m | 116°52′ |
| 79 10- 4 | 31s,49 J | 1″,1 J |
| 10- 6 | 31,45 J | 0,8 J |

**30037 P. — 41372 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 11m | 100°9′ |
| 54 9- 6 | 43s,60 G | 57″,9 G |
| 58 9-13 | | 61,5 G |
| | III. | |
| | 21h 12m | 100°6′ |
| 79 10- 3 | 32s,00 J | 14″,9 J |
| 10- 7 | 31,96 J | 14,3 J |

**30038 P. — 41386 et 429 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 11m | 79°0′ |
| 57 7-10 | 48s,67 G | |
| 58 10- 8 | | 56″,2 G |
| 60 9- 9 | 48,94 G | 58,1 G |
| 9-29 | 48,96 G | 57,4 G |
| | III. | |
| | 21h 12m | 78°57′ |
| 74 9- 5 | 32s,49 M | 13″,4 M |
| 9-24 | 32,36 M | 13,0 M |
| 75 8-17 | 32,42 M | 12,8 M |
| 8-23 | 32,39 M | 13,4 M |

**30039 P. — 41391, 92 et 94 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 11m | 72°51′ |
| 57 8-21 | | 54″,1 G |
| 59 7-17 | 53s,13 G | |
| | III. | |
| | 21h 12m | 72°48′ |
| 71 8-22 | 35s,35 G | |
| 8-23 | 35,31 M | 12″,0 M |
| 9-12 | 35,45 G | |

**30040 P. — 41412 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 21h 12m | 57°29′ |
| 80 9-26 | 38s,28 J | 16″,4 J |
| 81 8-22 | 38,59 J | 15,9 J |

**30041 P. — 41422 et 24 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 12m | 47°54′ |
| 66 8- 6 | 5s,61 G | |
| 8-29 | 5,44 G | |
| 67 9-11 | | 5″,8 M |

**30041 P. (suite).**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 21h 12m | 47°50′ |
| 81 9-29 | 39s,43 G | 21″,3 G |

**30042 P. — 276 $W_2$.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 12m | 60°15′ |
| 54 9-28 | 1s,28 G | |

**30043 P. — 41364 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 11m | 117°53′ |
| 58 8- 5 | | 28″,6 G |
| 60 10-17 | 47s,26 G | |
| 61 10-26 | 47,29 G | |
| | III. | |
| | 21h 12m | 117°49′ |
| 81 10- 1 | 40s,36 M | 47″,4 M |

**30044 P. — 41419 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 12m | 51°22′ |
| 57 9-13 [1] | | 25″,7 G |
| 67 8-31 | 5s,11 G | 25,1 G |
| | III. | |
| | 21h 12m | 51°18′ |
| 79 9- 8 | 40s,74 G | 42″,3 G |

[1] 𝒟 diminuée de 1′.

**30045 P. — 41411 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 12m | 59°45′ |
| 58 9-14 | 2s,70 G | 49″,1 G |
| 9-16 | 2,47 G | 50,1 G |

**30046 P. — 41421 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 21h 12m | 50°46′ |
| 80 9- 5 | 42s,68 J | 39″,1 J |
| 9-20 | | 39,7 J |

**30047 P. — 41405 à 07 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 12m | 72°35′ |
| 58 8- 9 | 1s,27 G | 50″,4 G |
| 8-16 | 1,10 G | 50,5 G |

**30048 P. — 41418 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 21h 11m | 55°45′ |
| 37 11-29 | | 4″,2 F |
| 40 8-29 | 32s,85 G | |
| 10- 8 | 32,71 G | |
| 41 8-27 | 32,82 G | |
| 8-28 | 32,75 G | |
| 8-29 | | 2,8 F |
| 42 9-22 [1] | 32,81 G | |
| 10-15 | | 6,6 F |
| 43 10-17 | 32,80 G | |
| 46 8-23 | | 4,8 G |
| 9-13 | 32,87 G | |
| 9-14 | 32,73 G | |
| 9-18 | 32,75 G | |
| 47 8-13 | 32,72 G | |
| 10- 9 | | 5,1 G |
| 53 10-23 | 32,78 G | |
| | II. | |
| | 21h 12m | 55°41′ |
| 59 11-23 | | 21″,7 G |
| 60 9- 6 | | 20,4 G |
| | III. | |
| | 21h 12m | 55°37′ |
| 79 9-18 | 46s,65 G | 37″,1 G |
| 9-28 | 46,61 G | 36,6 G |

[1] 𝒜 diminuée de 5m.

**30049 P. — 41401 et 38 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 12m | 79°23′ |
| 58 9- 3 | 5s,10 G | 4″,6 G |
| 9-27 | 5,12 G | 4,5 G |
| 62 8- 5 | | 4,1 G |
| | III. | |
| | 21h 12m | 79°19′ |
| 79 9- 1 | 48s,94 G | 19″,0 G |
| 10- 4 | 48,72 G | 20,4 G |
| 10- 7 | 48,78 G | |

**30050 P. — 41389 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 12m | 92°21′ |
| 55 9-10 | | 15″,5 G |
| 57 7-12 | 3s,86 G | |
| 58 9-27 | | 13,8 F |
| | III. | |
| | 21h 12m | 92°17′ |
| 76 8-10 | 50s,44 G | |
| 9- 5 | | 32″,3 G |
| 9-19 | 50,46 G | 32,3 G |

**30051 P. — 41416 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 12m | 59°59′ |
| 57 10- 1 | 12s,38 G | 47″,7 G |
| | III. | |
| | 21h 12m | 59°56′ |
| 80 8-13 | 50s,96 M | 4″,0 M |

**30052 P. — 41409 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 12m | 75°19′ |
| 58 7-21 | | 41″,8 G |
| 8-11 | 8s,60 G | 41,8 G |
| 61 10-28 | 8,64 G | 42,3 G |
| 11- 3 | 8,59 G | |

**30053 P. — 21307 A.O.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 21h 11m | 106°3′ |
| 45 7-22 | 13s,41 G | |

**30054 P. — 252 $W_1$.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 21h 11m | 104°40′ |
| 40 10-30 | 17s,11 G | |
| 10-31 | 17,13 G | |
| 11- 6 | 17,15 G | |

**30055 P. — 264 $W_1$.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 21h 11m | 77°4′ |
| 40 8-20 | | 57″,1 F |
| 43 9-23 | 33s,14 G | |

**30056 P. — 41420 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 12m | 65°55′ |
| 58 8-30 | 24s,90 G | |
| 10- 2 | 25,08 G | 38″,0 G |
| 10-15 [1] | 25,32 G | |
| | III. | |
| | 21h 13m | 65°51′ |
| 71 9-17 | 5s,05 G | 53″,4 G |

[1] 𝒜 augmentée de 0s,60 : err. de 1s sur trois fils.

**30057 P. — 41397 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 21h 11m | 96°8′ |
| 39 9-18 | 30s,40 G | |
| | II. | |
| | 21h 12m | 96°4′ |
| 55 8-16 | | 28″,0 G |
| 9- 9 | 17s,78 G | |
| | III. | |
| | 21h 13m | 96°0′ |
| 69 8-27 | 5s,56 M | 46″,9 M |
| 76 9-21 | 5,52 M | 45,3 M |
| 9-22 | 5,45 M | 45,6 M |

**30058 P. — 289 $W_2$.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 21h 11m | 55°43′ |
| 47 8-16 | 55s,74 G | |

### 30058 P. (suite).

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h 12^m$ | 55°39′ |
| 60 9- 6 | | 37″,9 G |

### 30059 P. — 41408 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h 12^m$ | 93°27′ |
| 57 7-24 | $24^s,39$ G | |
| 58 7-30 | | 57″,6 G |
| 9-11 [1] | | 59,1 F |
| 60 9-12 | 24,58 G | 58,9 G |
| | III. | |
| | $21^h 13^m$ | 93°24′ |
| 76 10- 9 | $11^s,40$ G | |

[1] 𝒟 augmentée de 10″.

### 30060 P. — 41393 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h 12^m$ | 103°34′ |
| 54 9-18 | $22^s,59$ G | 25″,3 G |
| 67 9-19 | 22,67 M | 29,3 M |

### 30061 P. — 41396 et 98 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h 12^m$ | 102°24′ |
| 54 10-15 | | 22″,8 G |
| | III. | |
| | $21^h 13^m$ | 102°20′ |
| 78 9- 6 | $13^s,50$ M | 42″,1 M |
| 9-16 | 13,31 M | 40,7 M |

### 30062 P. — 41400 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $21^h 11^m$ | 104°9′ |
| 40 9-12 | $39^s,29$ G | |
| 10- 6 | | 12″,2 F |
| | II. | |
| | $21^h 12^m$ | 104°5′ |
| 54 9-21 | $28^s,69$ G | 28″,8 G |
| 59 10-17 | 28,59 G | |
| | III. | |
| | $21^h 13^m$ | 104°1′ |
| 79 9- 8 | $17^s,91$ J | 44″,4 J |

### 30063 P. — 41425 à 27 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h 12^m$ | 72°45′ |
| 57 9- 6 | $39^s,84$ G | 47″,2 G |
| 10-20 | 39,74 G | 47,9 G |

### 30064 P. — 4372 A + 24°.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h 12^m$ | 65°55′ |
| 58 8-30 | $41^s,67$ G | |

### 30065 P. — 41451 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h 12^m$ | 48°21′ |
| 67 10- 5 | $49^s,51$ M | 52″,7 M |
| | III. | |
| | $21^h 13^m$ | 48°18′ |
| 68 10-22 | $23^s,50$ M | 7″,1 M |

### 30066 P. — 41435 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h 12^m$ | 64°21′ |
| 58 10- 4 | $46^s,25$ G | 29″,6 G |
| 60 10-24 | 46,23 G | 27,5 G |

### 30067 P. — 41439 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $21^h 13^m$ | 64°26′ |
| 81 8-10 | $29^s,39$ J | 3″,8 J |
| 8-24 | 29,22 J | 6,5 J |
| 9-19 | 29,38 J | 6,3 J |

### 30068 P. — 41440 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h 12^m$ | 65°6′ |
| 59 10- 2 [1] | $51^s,36$ G | 28″,3 G |
| | III. | |
| | $21^h 13^m$ | 65°2′ |
| 79 9-24 | $31^s,08$ J | 44″,2 J |
| 9-30 | 31,01 J | 44,7 J |

[1] 𝒟 diminuée de 5″ : erreur de moy.

### 30069 P. — 41404 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h 12^m$ | 112°58′ |
| 58 8-15 | | 36″,8 G |
| 59 10-17 | | 38,7 G |
| 10-26 | | 38,0 G |
| 62 9-12 | $40^s,53$ G | 36,9 G |
| | III. | |
| | $21^h 13^m$ | 112°54′ |
| 80 9- 5 | $32^s,23$ M | 51″,7 M |

### 30070 P. — 41428 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h 12^m$ | 81°3′ |
| 55 9-24 | $48^s,74$ G | |
| 57 10- 2 | 48,73 G | 47″,7 G |
| 59 9- 3 | | 47,5 G |

### 30071 P. — 41437 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $21^h 13^m$ | 68°8′ |
| 81 9- 4 | $33^s,30$ J | 51″,5 J |
| 9-13 | 33,16 J | 51,2 J |

### 30072 P. — 41465 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $21^h 13^m$ | 43°40′ |
| 80 9-29 | $34^s,45$ G | 3″,5 G |
| 81 9-19 | 34,33 G | 2,9 G |

### 30073 P. — 278 $W_1$.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h 12^m$ | 76°14′ |
| 58 8-24 | | 11″,4 G |

### 30074 P. — 41446 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h 13^m$ | 60°50′ |
| 58 8-10 | $0^s,83$ G | 41″,2 G |
| 61 8-28 | 0,87 G | |
| 62 10- 1 | 0,83 G | 41,6 G |

### 30075 P. — 41456 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $21^h 13^m$ | 53°55′ |
| 80 9-13 | $39^s,87$ J | 24″,4 J |
| 9-30 | 39,85 J | 24,5 J |

### 30076 P. — 41450 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h 13^m$ | 58°24′ |
| 67 9-11 | | 25″,2 G |
| | III. | |
| | $21^h 13^m$ | 58°20′ |
| 69 9-17 | $41^s,99$ M | 41″,4 M |
| 74 8-19 | 42,02 M | 41,4 M |

### 30077 P. — 41469 à 71 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $21^h 12^m$ | 46°42′ |
| 46 8-14 | $40^s,39$ G | |
| 8-15 | | 14″,2 G |
| 8-22 | | 14,6 G |
| 9-30 | | 14,9 G |
| 10- 1 | 40,51 G | |
| 11-11 | | 13,8 G |
| 47 8- 1 | | 15,4 G |
| 9- 9 | | 14,0 G |
| 49 8-15 | 40,66 G | |
| 8-19 | 40,54 G | |
| 8-21 | 40,55 G | |
| 9-21 | 40,66 G | |
| 50 9- 4 | 40,55 G | |
| | II. | |
| | $21^h 13^m$ | 46°38′ |
| 66 8-10 | $14^s,15$ G | |

### 30077 P. (suite).

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $21^h 13^m$ | 46°34′ |
| 80 9- 2 | | 46″,0 G |
| 9- 9 | $47^s,65$ G | 45,3 G |
| 10- 1 | 47,58 G | 45,4 G |
| 81 8-22 | 47,65 G | 45,4 G |
| 9-28 | 47,49 G | 44,6 G |
| 10- 3 | 47,26 G | 46,1 G |
| 10- 5 | 47,27 G | 46,7 G |

### 30078 P. — 41410 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h 12^m$ | 116°59′ |
| 58 10- 6 | | 33″,7 G |

### 30079 P. — 41433 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $21^h 12^m$ | 92°9′ |
| 40 8-17 | $18^s,15$ G | |
| | II. | |
| | $21^h 13^m$ | 92°5′ |
| 55 9- 6 | $4^s,42$ G | 41″,3 G |
| 56 7-26 | 4,53 G | 41,5 G |
| 58 9- 5 | 4,61 G | 42,7 G |

### 30080 P. — 284 $W_1$.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h 13^m$ | 79°0′ |
| 58 8- 3 | $8^s,07$ G | 34″,2 G |
| | III. | |
| | $21^h 13^m$ | 78°56′ |
| 71 9- 2 | $51^s,62$ G | 50″,0 G |
| 9- 5 [1] | 51,27 G | |
| 9- 9 | 51,78 G | |
| 9-15 | 51,71 G | 49,2 G |
| 80 9- 2 | 51,58 G | 49,4 G |
| 9- 3 | 51,54 G | 49,8 G |

[1] 𝒜 dimin. de $0^s,02$ : erreur de réduct.

### 30081 P. — 22012 A.O.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $21^h 13^m$ | 32°2′ |
| 39 8-23 | | 15″,8 F |
| 40 8-28 | | 17,6 F |
| 8-30 | | 14,1 F |
| 8-31 | $3^s,18$ G | 15,6 F |
| 48 11- 9 | 3,45 G | |
| 11-10 | 3,35 G | |
| 11-22 [1] | 3,44 G | 16,0 G |

[1] 𝒟 augmentée de 10″ : erreur de moy.

### 30082 P. — 299 $W_2$.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h 13^m$ | 72°52′ |
| 59 7-17 | $11^s,60$ G | |

Dates 1800+ — Positions moyennes pour les époques du Catal.

### 30083 P. — 41464 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 21h 13m | 55°36' |
| 69 9-25 | 54s,86 M | 25",9 M |
| 9-28 | 54,83 M | 26,2 M |

### 30084 P. — 41417 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 21h 13m | 111°24' |
| 58 10-31 | | 35",1 G |
| 62 8-13 | 5s,64 G | 33,3 G |
| III. | 21h 13m | 111°20' |
| 79 9-12 | 56s,77 M | 50",8 M |

### 30085 P. — 41423 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 21h 12m | 103°32' |
| 40 9-29 | 18s,54 G | |
| 9-30 | 18,58 G | |

### 30086 P. — 41448 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 21h 13m | 77°37' |
| 57 8-21 | | 38",6 G |
| 60 8-17 | 21s,17 G | 36,4 F |
| 8-25 | 21,24 G | |
| 9-16 | | 38,7 G |
| 10- 4 | 21,26 G | 38,9 G |
| 67 8-27 | 21,27 M | 38,9 M |

### 30087 P. — 41443 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 21h 13m | 84°2' |
| 55 10-16 | 20s,44 G | |
| 61 9-26 | | 50",9 G |
| 10-24 | 20,68 G | 51,5 G |

### 30088 P. — 41441 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 21h 13m | 92°18' |
| 55 9-15 | 19s,14 G | |
| 57 7-31 | | 21",0 G |
| III. | 21h 14m | 92°14' |
| 76 8-16 | 5s,71 G | 36",1 G |
| 9-21 | 5,58 G | 35,1 G |
| 10- 7 | 5,50 G | 36,0 G |

### 30089 P. — 41477 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 21h 13m | 50°50' |
| 67 8-24 | 30s,49 G | 22",9 G |

### 30089 P. (suite).

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 21h 14m | 50°46' |
| 79 9-10 | 5s,59 G | 37",7 G |
| 9-11 | 5,73 G | 32,8 G |

### 30090 P. — 41434 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 21h 13m | 99°44' |
| 55 8- 9 | 19s,60 G | |
| 9-16 | | 30",5 G |
| 57 8- 9 | 19,60 G | |
| 10-16 | 19,74 G | 31,5 G |
| III. | 21h 14m | 99°40' |
| 68 8-11 | 7s,82 M | 43",9 M |

### 30091 P. — 41436 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 21h 14m | 99°34' |
| 79 9- 1 | 10s,41 M | 11",7 M |
| 9- 2 | 10,57 M | 12,8 M |

### 30092 P. — 41442 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 21h 13m | 92°2' |
| 58 9- 5 | 24s,55 G | |
| 9- 9 | | 44",0 F |
| III. | 21h 14m | 91°59' |
| 79 9-12 | 10s,99 J | 1",0 J |

### 30093 P. — 41472 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 21h 13m | 62°46' |
| 58 11-10 | | 56",3 G |
| 62 9-16 | 38s,62 G | 57,2 G |
| III. | 21h 14m | 62°43' |
| 71 9-18 | | 11",6 G |
| 10-12 | 17s,58 G | |

### 30094 P. — 41473 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 21h 13m | 63°5' |
| 59 9- 1 | 40s,60 G | |
| 61 10-18 | 40,55 G | |
| III. | 21h 14m | 63°1' |
| 79 10-11 | 19s,99 G | 23",4 G |
| 10-16 | 20,03 G | |
| 80 9- 1 | 20,11 M | 23,0 M |

### 30095 P. — 41457-58 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 21h 13m | 80°5' |
| 55 10-21[1] | | 27",5 G |
| 11- 2 | 37s,30 G | |
| 58 9-13 | 37,23 G | 25,0 G |

[1] 𝒫 diminuée de 25",4, distance des deux fils horizontaux, l'observation ayant été faite au fil inférieur.

### 30096 P. — 41493 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 21h 13m | 51°46' |
| 59 11-23 | | 58",3 G |
| 66 9-15 | 46s,89 G | |
| 67 8-23 | 47,14 G | |
| III. | 21h 14m | 51°43' |
| 79 9-24 | 22s,34 G | 12",4 G |
| 81 8-23 | 22,52 M | |

### 30097 P. — 41461 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 21h 13m | 78°26' |
| 58 9- 8 | | 51",6 F |
| 10- 3 | 41s,55 G | 52,5 G |
| III. | 21h 14m | 78°23' |
| 71 9- 3 | 24s,82 G | 6",3 G |

### 30098 P. — 41502 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 21h 13m | 43°34' |
| 67 10- 1 | 55s,55 M | 53",8 M |
| III. | 21h 14m | 43°31' |
| 81 9-15 | 27s,69 M | 7",9 M |
| 10- 5 | 27,78 M | 10,2 M |

### 30099 P. — 41466-67 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 21h 14m | 73°43' |
| 71 8-27 | 28s,27 G | 8",1 G |
| 74 9-14 | 28,27 G | 9,0 G |
| 75 8-27 | 28,23 G | 9,1 G |

### 30100 P. — 41460 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 21h 13m | 82°22' |
| 57 8-13 | 44s,20 G | 42",2 G |
| 10-12 | 44,18 G | 43,4 G |

### 30101 P. — 4446 A + 38°.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 21h 13m | 51°7' |
| 59 8-16 | 55s,36 G | |

### 30102 P. — 41452-53 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 21h 12m | 95°12' |
| 39 9-11 | | 51",2 F |
| 9-13[1] | | 49,8 F |
| 10-19 | 56s,81 G | |
| 40 10- 6 | | 50,1 F |
| 46 7-23 | 56,56 G | |
| 10-10 | | 52,5 G |
| 11- 2 | 56,62 G | 52,8 G |
| 11-14 | 56,70 G | |
| 47 10-11 | | 50,1 F |
| 48 10-13 | 56,48 G | |
| 52 8-16 | 56,54 G | |
| 9- 3 | 56,49 G | |
| II. | 21h 13m | 95°9' |
| 54 8-20 | 43s,85 G | |
| 55 8-17 | | 8",1 G |
| 9-10 | 43,72 G | |
| 57 7-23 | 44,02 G | |
| 8-10[2] | 43,61 G | |
| 58 8-23 | 43,91 G | 7,0 G |
| 8-27 | | 8,4 F |
| 10-30 | | 7,7 G |
| III. | 21h 14m | 95°5' |
| 69 8-28 | 30s,76 M | 21",0 M |

[1] 𝒫 diminuée de 30" : erreur de un tour de vis des microscopes.

[2] 𝒜 augmentée de 0s,30 : erreur de moy.

### 30103 P. — 41476 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 21h 13m | 68°33' |
| 58 8-28 | 52s,52 G | 52",4 G |
| 8-31 | 52,49 G | |
| 9-10 | | 52,7 G |
| 9-17[1] | 52,61 G | |
| 11- 7 | | 53,0 G |

[1] 𝒜 augm. de 1m et dim. de 0s,20 : erreur de 1m dans l'ensemble de l'observation et de 1s sur un fil.

### 30104 P. — 41468 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 21h 13m | 77°29' |
| 40 8-20 | | 7",0 F |
| II. | 21h 13m | 77°25' |
| 58 9-30 | 50s,38 G | 22",0 G |
| 67 9- 4 | 50,92 M | 22,6 M |

**30105 P. — 41475 L.**

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 13m | 71° 22′ |
| 57 10-13 | 53s,69 G | 11″,3 G |
| | III. | |
| | 21h 14m | 71° 18′ |
| 71 8-19 | 35s,38 G | |

**30106 P. — 41462 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 13m | 87° 28′ |
| 56 9- 4 | 49s,93 G | |
| 57 8- 7 | 50,26 G | 23″,8 G |
| 58 8-27 | 50,22 G | 24,4 G |
| 9-15 | 50,22 G | 23,9 G |
| 9-28 | 50,23 G | |

**30107 P. — 320 $W_2$.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 13m | 68° 28′ |
| 58 8-28 | 55s,27 G | |

**30108 P. — 41463 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 13m | 89° 54′ |
| 58 8-20 | 52s,69 G | 55″,7 G |
| 60 10- 9 | 52,80 G | 57,1 G |

**30109 P. — 41449 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 13m | 109° 19′ |
| 57 7-11 | 52s,11 G | |
| 62 8- 6 | 52,05 G | 35″,8 G |
| | III. | |
| | 21h 14m | 109° 15′ |
| 78 9-24 | 42s,76 M | 49″,4 M |
| 9-27 | 42,81 M | 51,9 M |

**30110 P. — 41454-55 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 13m | 102° 2′ |
| 54 9-11 | 53s,96 G | 51″,0 G |
| 58 9- 9 | | 52,7 G |
| | III. | |
| | 21h 14m | 101° 59′ |
| 78 8-24 | 42s,92 G | 9″,0 G |

**30111 P. — 41489 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 14m | 72° 20′ |
| 57 10- 3 | 6s,70 G | 58″,9 G |
| | III. | |
| | 21h 14m | 72° 17′ |
| 71 8-12 | 48s,94 G | |
| 9-14 | 48,67 G | |

**30112 P. — 41459 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 14m | 102° 13′ |
| 54 8-27 | 0s,08 G | 34″,3 G |
| | III. | |
| | 21h 14m | 102° 9′ |
| 78 8-24 | 49s,08 M | 47″,3 M |
| 9-29 | 49,06 M | 49,2 M |
| 10- 2 | 49,05 M | 47,8 M |

**30113 P. — 325 $W_2$.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 14m | 70° 44′ |
| 58 11- 3 | 10s,53 G | |

**30114 P. — 41480 et 88 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 21h 13m | 83° 17′ |
| 39 9-11 | | 56″,4 F |
| 46 8-10 | 24s,77 G | |
| 10-18 | | 54,8 F |
| 12- 1[1] | | 56,6 G |
| 47 10- 8 | | 57,9 G |
| 48 8-18 | | 57,2 G |
| 49 8-27 | 24,55 G | |
| 50 8-30 | 24,73 G | 56,4 G |
| | II. | |
| | 21h 14m | 83° 14′ |
| 56 8-29 | | 12″,2 G |
| 9- 5 | 9s,08 G | |
| 58 8-12 | 9,24 G | |
| 59 8-24 | 9,08 G | |
| | III. | |
| | 21h 14m | 83° 10′ |
| 71 9-19 | 53s,78 M | 27″,5 M |
| 73 8-23 | 53,65 M | 26,1 M |
| 74 7-30 | 53,73 M | 25,8 M |
| 79 9-30 | 53,72 G | |
| 80 8-27 | 53,91 M | 27,1 M |
| 8-30 | 53,69 M | 27,3 M |

[1] 𝒫 diminuée de 2° : erreur de réduct.

**30115 P. — 41507 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 21h 15m | 54° 55′ |
| 74 8-20 | 2s,53 M | 44″,9 M |

**30116 P. — 41485 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 14m | 87° 37′ |
| 56 9- 4 | 17s,28 G | |
| 61 10- 4 | | 4″,5 G |
| | III. | |
| | 21h 15m | 87° 33′ |
| 69 10- 5 | | 18″,9 G |
| 71 9-12 | 3s,04 M | 17,8 M |

**30117 P. — 41486 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 14m | 87° 42′ |
| 62 9-11 | 18s,74 G | |
| | III. | |
| | 21h 15m | 87° 38′ |
| 71 9- 4 | 4s,40 M | 32″,6 M |
| 9-18 | 4,32 M | 31,9 M |

**30118 P. — 41481 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 14m | 91° 25′ |
| 60 11- 3 | 18s,98 G | 43″,7 G |
| | III. | |
| | 21h 15m | 91° 21′ |
| 69 8-24 | 5s,09 M | 57″,4 M |
| 74 9-14 | 4,94 M | 58,0 M |
| 75 9-14 | 5,29 M | 56,9 M |

**30119 P. — 41478-79 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 21h 15m | 95° 0′ |
| 69 8-25 | 6s,59 M | 57″,5 M |
| 74 8-19 | 6,32 G | |
| 8-26 | 6,14 G | 56,6 G |
| 9-15 | 6,28 G | 59,1 G |
| 9-15 | 6,40 M | 58,7 M |
| 75 9- 4 | 6,25 M | 59,7 M |

**30120 P. — 41503 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 14m | 64° 20′ |
| 58 9- 6 | 27s,38 G | 23″,3 G |
| 10- 4 | 27,25 G | 24,1 G |
| 60 10-24 | 27,24 G | 25,0 G |

**30121 P. — 41495 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 14m | 76° 13′ |
| 58 8-16 | 24s,00 G | 56″,2 G |
| 8-24 | 24,02 G | |
| 10- 8 | | 56,1 G |
| 62 9-19 | 24,11 G | 55,5 G |
| | III. | |
| | 21h 15m | 76° 10′ |
| 71 8-16 | 7s,17 G | |

**30122 P. — 41509 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 14m | 57° 6′ |
| 67 9- 4 | 29s,82 G | 21″,0 G |
| | III. | |
| | 21h 15m | 57° 2′ |
| 79 8-20 | 7s,57 G | |
| 8-26 | 7,38 G | 35″,2 G |

**30123 P. — 41505 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 21h 15m | 62° 48′ |
| 80 9- 1 | 8s,46 J | 40″,2 J |
| 9- 5 | 8,48 J | 39,6 J |

**30124 P. — 4486 A + 35°.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 21h 15m | 54° 13′ |
| 74 8-22[1] | 9s,91 M | 4″,1 M |

[1] Indiquée à tort comme 41517 L. L'observation de dist. pol. supprimée à l'impression doit être rétablie ainsi :

Lecture = 54° 12′ 56″,3, Micr. = 20t 1p,4,
Lc = 12′ 55″,8, Réfr. = + 13″,2,
Dist. app. au pôle Nord = 54° 13′ 9″,8,
Réd. à janv. 0 = + 9″,4.

**30125 P. — 41506 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 14m | 61° 45′ |
| 58 9-16 | 31s,49 G | 33″,0 G |
| | III. | |
| | 21h 15m | 61° 41′ |
| 79 9- 8 | 10s,49 G | 46″,3 G |

**30126 P. — 41535-36 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 14m | 41° 4′ |
| 66 8-18 | 39s,73 G | |
| 8-22 | 39,56 G | |
| 67 10- 2 | 39,65 M | 49″,8 M |
| 10- 4 | 39,97 M | 50,3 M |

**30127 P. — 41517 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 21h 15m | 53° 43′ |
| 79 10- 7 | 10s,77 J | 18″,6 J |
| 10-12 | 11,04 J | 19,2 J |

**30128 P. — 12384 Cambridge.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 21h 15m | 60° 17′ |
| 71 8-29[1] | 13s,66 M | 23″,5 M |

[1] 𝒫 diminuée de 6″,7 : erreur de 20″ sur 2 microscopes.

**30129 P. — 41511 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 21h 15m | 60° 23′ |
| 80 9-29 | 14s,64 J | 50″,6 J |
| 81 8- 9 | 14,71 J | 51,8 J |

Dates 1800 + — Positions moyennes pour les époques du Catal.

### 30130 P. — 41501 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 14m | 74° 45′ |
| 58 8-11 | 32s,02 G | 43",1 G |
| 9-27 | | 45,0 G |
| 61 10-10 | 32,05 G | 44,0 G |
| | III. | |
| | 21h 15m | 74° 42′ |
| 71 9-12 | 14s,73 G | |

### 30131 P. — 41523 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 14m | 51° 54′ |
| 67 8-23 | | 8",0 G |
| | III. | |
| | 21h 15m | 51° 50′ |
| 79 10- 3 | 14s,98 G | 20",5 G |
| 80 9-22 | 14,78 M | 19,3 M |

### 30132 P. — 41482 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 21h 13m | 99° 58′ |
| 46 7-31 | 39s,24 G | |
| 47 8- 1 | | 57",2 F |
| 50 9- 7 | 39,23 G | |
| | II. | |
| | 21h 14m | 99° 55′ |
| 54 9- 7 | | 12",7 G |
| 57 8-12 | 27s,76 G | 10,3 G |
| 58 10-29 | | 10,8 F |
| 61 10- 2 | 27,68 G | 10,8 G |
| 10-12 | 27,79 G | 10,2 G |
| 10-20 | 27,76 G | 10,4 G |

### 30133 P. — 41497-98 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 21h 13m | 80° 19′ |
| 40 8-20[1] | | 17",5 G |
| | III. | |
| | 21h 15m | 80° 11′ |
| 75 10-12 | 16s,21 M | 48",3 M |
| 79 9-18 | 16,36 G | 47,4 G |

[1] 𝒫 diminuée de 15′.

### 30134 P. — 41487 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 14m | 98° 6′ |
| 56 8- 3 | 29s,02 G | 47",8 G |
| | III. | |
| | 21h 15m | 98° 3′ |
| 76 10- 6 | 17s,03 M | 3",9 M |
| 10- 7 | 17,02 M | 3,0 M |

### 30135 P. — 41474 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 21h 13m | 107° 29′ |
| 38 8-26 | 36s,69 G | |
| 49 8- 4 | 36,57 G | |
| 51 8-10 | 36,48 G | |
| 8-11 | 36,68 G | 28",8 G |
| 52 10-20 | | 27,4 G |
| 53 7-21 | 36,59 G | |
| | II. | |
| | 21h 14m | 107° 25′ |
| 54 8-28 | 26s,84 G | |
| 8-29 | | 41",6 G |
| 10-29 | | 41,8 G |
| 55 11-15 | 26,86 G | |
| 56 8-14 | 26,74 G | 42,0 G |
| 8-15 | 26,85 G | |
| 10- 8 | 26,94 G | |
| 58 9-11 | | 42,8 G |
| 9-18 | | 43,5 G |
| 9-19 | 26,96 G | 42,4 G |
| 11-12[1] | 26,86 G | 43,4 G |
| 59 8-12[2] | 26,86 G | 41,9 G |
| 8-13[3] | 26,72 G | 40,0 G |
| 11- 2 | 26,87 G | |
| 61 11- 9 | 26,71 G | 43,1 G |
| | III. | |
| | 21h 15m | 107° 21′ |
| 70 7-14 | 17s,17 M | 54",2 M |
| 71 8-28 | 17,14 G | 55,5 G |
| 76 9- 1 | 17,06 M | 55,3 M |
| 9- 1 | 16,99 G | 56,0 G |
| 9-28 | 17,05 M | 56,0 M |
| 9-28 | 17,09 G | 55,7 G |
| 77 8-21 | 17,08 M | 55,8 M |
| 78 7-16 | 16,96 M | 54,9 M |
| 79 9-25 | 17,17 G | 55,6 G |
| 9-25 | 17,01 J | 56,2 J |
| 9-26 | 17,03 G | 55,8 G |
| 9-26 | 17,04 J | 56,8 J |

[1] 𝒫 augm. de 1′ : erreur de réduct.
[2] 𝒫 diminuée de 1′.
[3] 𝒫 augm. de 2′ 1″ : erreur de réduct.

### 30136 P. — 41491 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 14m | 94° 45′ |
| 56 8- 2 | | 44",6 G |
| | III. | |
| | 21h 15m | 94° 42′ |
| 78 9- 2 | 19s,39 J | 2",6 J |
| 9-20 | 19,22 G | |
| 9-21 | 19,28 G | |

### 30137 P. — 41551 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 21h 15m | 38° 12′ |
| 80 9- 6 | 19s,74 G | 12",6 G |
| 81 8- 9[1] | 19,71 G | 13,0 G |

[1] 𝒜 augmentée de 1m : erreur de réduct.

### 30138 P. — 41483 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 14m | 105° 30′ |
| 56 8- 1 | | 48",5 G |
| 57 9- 9 | | 49,6 G |
| | III. | |
| | 21h 15m | 105° 27′ |
| 78 9-10 | 23s,29 M | 1",1 M |
| 9-28 | 23,04 M | 3,6 M |

### 30139 P. — 41512-13 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 14m | 66° 43′ |
| 58 8- 6 | 44s,66 G | |
| 8- 7 | 44,57 G | |
| 11- 1 | | 54",3 G |
| | III. | |
| | 21h 15m | 66° 40′ |
| 71 10-23 | 25s,33 G | |
| 74 9-18 | 25,14 G | 10",0 G |

### 30140 P. — 41499 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 14m | 87° 30′ |
| 60 9- 3 | 40s,12 G | 54",8 G |
| | III. | |
| | 21h 15m | 87° 27′ |
| 74 8-20 | 25s,72 G | 8",9 G |
| 79 8-16 | 25,63 G | 7,5 J |

### 30141 P. — 4682 A + 13°.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 14m | 76° 9′ |
| 58 8-16 | 44s,18 G | |

### 30142 P. — 41500 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 14m | 89° 13′ |
| 55 10-13 | | 51",3 G |
| 60 10- 3[1] | 42s,16 G | |
| 61 10-14 | 42,18 G | 52,2 G |

[1] 𝒜 diminuée de 1m.

### 30143 P. — 41531 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 21h 15m | 54° 2′ |
| 81 8-27 | 29s,42 J | 51",2 J |
| 9-16 | 29,31 J | 51,0 J |
| 9-17 | 29,23 J | 50,9 J |
| 9-18 | 29,44 J | 51,5 J |

### 30144 P — 41532 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 21h 15m | 53° 54′ |
| 80 9- 8 | 30s,94 J | 31",1 J |
| 10- 1 | 30,92 J | 31,4 J |
| 81 9-28 | 30,90 J | 31,6 J |

### 30145 P. — 41530 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 14m | 58° 8′ |
| 60 10-25 | 55s,70 G | 17",2 G |
| | III. | |
| | 21h 15m | 58° 4′ |
| 80 8-13 | 33s,61 M | 31",0 M |
| 81 8-24 | 33,64 M | 32,1 M |
| 9-16 | 33,63 M | 32,8 M |

### 30146 P. — 4506 A + 16°.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 14m | 72° 58′ |
| 59 7-17 | 52s,12 G | |

### 30147 P.

5 κ Céphée.

Étoile fondamentale.

### 30148 P. — 41559 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 21h 15m | 37° 28′ |
| 81 8-24 | 39s,67 G | 14",0 G |

### 30149 P. — 41519 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 14m | 73° 24′ |
| 57 8-21 | | 55",7 G |
| 59 8-29 | 58s,36 G | 59,5 G |
| | III. | |
| | 21h 15m | 73° 21′ |
| 71 8-13 | 40s,70 G | 10",2 G |

### 30150 P. — 41484 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 14m | 118° 41′ |
| 55 9- 7 | 47s,40 G | |
| 58 8- 4 | | 40",1 G |
| 8- 5 | | 38,4 G |
| 8-15 | | 37,7 G |
| 59 10-26 | | 42,2 G |
| | III. | |
| | 21h 15m | 118° 37′ |
| 81 9-30 | 40s,80 M | 54",6 M |
| 10- 1 | 40,67 M | 52,3 M |

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. Æ. | 𝒟. |
|---|---|---|

**30151 P. — 4060 A + 28°.**

| | | |
|---|---|---|
| II. | 21h 15m | 61° 55′ |
| 58 9-14 | 2s,18 G | |

**30152 P. — 41508 L.**

| | | |
|---|---|---|
| II. | 21h 14m | 86° 15′ |
| 58 10-29 | 59s,63 G | |
| III. | 21h 15m | 86° 11′ |
| 75 8-23 | 44s,96 G | 6″,8 G |
| 79 9-10 | 45,14 J | 7,7 J |
| 9-11 | 44,97 J | 6,6 J |
| 80 9- 5 | 45,04 M | 6,8 M |

**30153 P. — 22066 A.O.**

| | | |
|---|---|---|
| I. | 21h 14m | 32° 1′ |
| 39 8-23 | | 47″,4 F |
| 40 8-28[1] | 58s,12 G | 50,5 F |
| 8-30[2] | | 47,8 F |
| 8-31[3] | 57,81 G | 49,1 F |
| 48 11- 9 | 58,19 G | |
| 11-10 | 58,09 G | |
| 11-22 | 57,70 G | 49,4 G |

[1] Æ diminuée de 1m.
[2] 𝒟 diminuée de 35″ (1t de vis des microscopes).
[3] Æ augmentée de 0s,26 : err. de moy.

**30154 P. — 41520 L.**

| | | |
|---|---|---|
| II. | 21h 15m | 79° 45′ |
| 57 8-22 | | 15″,2 G |
| 61 10-26 | 5s,34 G | 16,6 G |
| III. | 21h 15m | 79° 41′ |
| 79 9- 1 | 48s,88 G | 27″,9 G |

**30155 P. — 41537 L.**

| | | |
|---|---|---|
| III. | 21h 15m | 60° 15′ |
| 71 9-17 | 49s,27 G | 19″,6 G |
| 10-14[1] | 49,27 G | |

[1] Æ augm. de 30s : erreur de moy.

**30156 P. — 41504 L.**

| | | |
|---|---|---|
| III. | 21h 15m | 98° 2′ |
| 76 9-21 | 50s,45 M | 21″,7 M |
| 9-22 | 50,46 M | 23,9 M |

**30157 P. — 41516 L.**

| | | |
|---|---|---|
| II. | 21h 15m | 86° 16′ |
| 58 10-29 | 6s,02 G | |
| III. | 21h 15m | 86° 12′ |
| 80 8-31 | 51s,21 M | 21″,7 M |

**30158 P. — 22069 A.O.**

| | | |
|---|---|---|
| I. | 21h 15m | 32° 19′ |
| 40 11-20 I | | 42″,5 F |
| 11-27 | 4s,40 G | 42,8 F |

**30159 P. — 41518 L.**

| | | |
|---|---|---|
| II. | 21h 15m | 86° 6′ |
| 59 9- 3 | | 20″,9 G |
| 61 8-27 | 11s,11 G | 20,8 G |
| 9- 7 | 11,27 G | 20,8 G |
| 10-16 | 11,42 G | 21,0 G |
| 10-19 | 11,47 G | |

**30160 P. — 41567 L.**

| | | |
|---|---|---|
| III. | 21h 15m | 37° 33′ |
| 81 9-16 | 56s,97 G | 7″,9 G |
| 9-29 | 57,04 G | 7,5 G |

**30161 P. — 41515 L.**

| | | |
|---|---|---|
| II. | 21h 15m | 96° 13′ |
| 55 8-26 | 14s,16 G | |
| 56 8-24 | | 36″,8 G |
| 57 9-22 | 14,16 G | 38,8 G |
| 58 8-17 | 14,40 G | 37,9 G |
| 9- 9 | | 37,3 F |
| 9-26 | 14,28 G | 38,0 G |
| 59 8- 7[1] | 14,36 G | |
| III. | 21h 16m | 96° 9′ |
| 76 10- 9 | 1s,83 M | 52″,4 M |

[1] Indiquée comme 41516 L., dont la distance polaire donnée par Baily est erronée.

**30162 P. — 41557 L.**

| | | |
|---|---|---|
| III. | 21h 16m | 49° 5′ |
| 80 8-23 | 4s,48 G | 13″,3 G |
| 9- 8 | 4,32 G | 14,9 G |

**30163 P. — 41554 L.**

| | | |
|---|---|---|
| II. | 21h 15m | 57° 58′ |
| 59 11-23 | | 49″,7 G |
| 66 9- 1 | 28s,23 G | |
| 9- 5 | 28,18 G | |
| 9-10[1] | 28,20 G | |
| III. | 21h 16m | 57° 55′ |
| 69 10- 9 | 6s,02 M | 3″,0 M |
| 74 10- 7 | | 2,8 G |
| 75 8-16 | 6,13 M | 2,4 M |

[1] Æ augm. de 0s,50 : erreur de moy.

**30164 P. — 41522 L.**

| | | |
|---|---|---|
| III. | 21h 16m | 91° 9′ |
| 68 8-22 | 6s,59 M | 41″,9 M |
| 74 9- 5 | 6,95 M | 41,6 M |

**30165 P. — 41538 L.**

| | | |
|---|---|---|
| II. | 21h 15m | 73° 22′ |
| 57 7-10 | 25s,69 G | |
| 8-21 | | 57″,7 G |
| 10-20 | 25,70 G | 59,0 G |
| 58 7-21 | | 57,8 G |

**30166 P. — 41541 L.**

| | | |
|---|---|---|
| II. | 21h 15m | 50° 14′ |
| 67 8-31 | 33s,44 G | 23″,5 G |
| III. | 21h 16m | 50° 10′ |
| 74 8-21 | 8s,28 M | 38″,3 M |
| 8-26 | 8,47 M | 38,5 M |

**30167 P. — 41552 L.**

| | | |
|---|---|---|
| II. | 21h 15m | 62° 1′ |
| 58 9-14 | 29s,70 G | 35″,5 G |
| 10-16 | 29,72 G | |
| III. | 21h 16m | 61° 57′ |
| 71 10- 5 | 8s,66 G | |

**30168 P. — 41524 L.**

| | | |
|---|---|---|
| II. | 21h 15m | 91° 36′ |
| 55 9-10 | | 54″,1 G |
| 58 11- 4 | 23s,85 G | |
| 61 9-26 | 23,69 G | 55,1 G |

**30168 P. (suite).**

| | | |
|---|---|---|
| III. | 21h 16m | 91° 33′ |
| 68 10- 8 | 10s,11 M | 9″,7 M |
| 76 10- 7 | 10,07 G | 7,7 G |
| 10- 9 | 10,29 G | 8,6 G |
| 77 8-17 | 10,18 M | 8,1 M |
| 9- 4 | 10,33 G | 9,4 G |

**30169 P. — 41521 L.**

| | | |
|---|---|---|
| I. | 21h 14m | 99° 58′ |
| 48 8-29 | | 33″,1 G |
| 49 8-25 | 37s,42 G | |
| II. | 21h 15m | 99° 54′ |
| 54 9- 6 | 25s,72 G | 50″,6 G |
| 61 10-20 | | 50,0 G |
| III. | 21h 16m | 99° 51′ |
| 79 9-18 | 14s,01 J | |

**30170 P. — 41533 L.**

| | | |
|---|---|---|
| II. | 21h 15m | 87° 40′ |
| 55 10-15 | 30s,82 G | 35″,4 G |
| III. | 21h 16m | 87° 36′ |
| 71 9- 5 | 16s,46 M | 48″,0 M |

**30171 P. — 41553 L.**

| | | |
|---|---|---|
| II. | 21h 15m | 65° 55′ |
| 59 7-28 | 36s,64 G | 18″,0 G |
| III. | 21h 16m | 65° 51′ |
| 71 8-26 | 17s,20 M | 30″,9 M |
| 8-26 | 16,85 G | 31,9 G |

**30172 P. — 41574 L.**

| | | |
|---|---|---|
| III. | 21h 16m | 43° 35′ |
| 80 9-26 | 17s,62 G | 21″,7 G |
| 9-27[1] | 17,42 G | 21,9 G |

[1] Æ dim. de 0s,10 : erreur de réduction.

**30173 P. — 41528 L.**

| | | |
|---|---|---|
| II. | 21h 15m | 94° 8′ |
| 58 7-30 | | 27″,4 G |
| 9-11 | | 26,3 F |
| 60 10-17 | | 27,6 G |
| 62 8-12 | 30s,63 G | 26,8 G |

Dates 1800 + — Positions moyennes pour les époques du Catal.

### 30173 P. (suite).

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 21h 16m | 94° 4′ |
| 68 8-11 | 17s,80 M | 40″,5 M |
| 10- 9 | 18,03 M | 41,8 M |

### 30174 P. — 41514 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h 15m | 110° 16′ |
| 55 9- 8 | 27s,21 G | |
| 58 10- 6 | | 35″,2 G |
| III. | 21h 16m | 110° 12′ |
| 79 9- 3 | 17s,94 M | 46″,5 M |

### 30175 P. — 41545 à 48 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 21h 14m | 70° 51′ |
| 46 9-13 | 55s,29 G | |
| 9-18 | 55,02 G | |
| 47 9-30 | 55,27 G | |
| II. | 21h 15m | 70° 47′ |
| 56 9-16 | 36s,66 G | 33″,2 G |
| 58 11- 3 | 36,79 G | |
| 62 7-21 | 36,81 G | |
| 7-27 | 36,79 G | |
| 7-30 | 36,75 G | |
| 7-31 | 36,76 G | |
| 9- 5 | 36,57 G | |
| 63 8- 7 | 36,85 G | |
| 8-12 | 36,76 G | |
| 8-24 | 36,55 G | |
| 8-25 | 36,66 G | |
| 8-31 | 36,66 G | |
| 9-11 | 36,70 G | |
| 9-12 | 36,76 G | |
| 9-15 | 36,68 G | |
| 9-18 | 36,79 G | |
| 9-19 | 36,72 G | |
| 9-26 | 36,65 G | |
| 9-27 | 36,66 G | |
| 64 8- 3 | 36,61 G | |
| 8- 6 | 36,68 G | |
| 8- 8 | 36,68 G | |
| 8-11 | 36,82 G | |
| 8-27 | 36,80 G | |
| 8-28 | 36,86 G | |
| 8-29 | 36,86 G | |
| 9- 9 | 36,77 G | |
| 9-11 | 36,74 G | |
| 9-22 | 36,75 G | |
| 9-23 | 36,81 G | |
| 9-26 | 36,74 G | |
| 9-29 | 36,68 G | |
| 9-30 | 36,76 G | |
| 10- 1 | 36,74 G | |
| 10-17 | 36,72 G | |
| 65 8-26 | | 33,6 G |
| 8-30 | | 32,6 G |
| 9- 1 | 36,68 G | |
| 9- 7 | 36,69 G | |
| 9- 8 | 36,82 G | |
| 9-15 | | 33,8 G |
| 9-16 | | 33,3 G |
| 9-18 | | 33,3 G |
| 10- 5 | 36,82 G | |

### 30175 P. (suite).

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 21h 16m | 70° 43′ |
| 71 8-22 | 18s,33 G | |
| 8-23 | 18,23 M | |
| 72 7-20 | 18,29 G | |
| 7-21 | 18,24 G | |
| 7-22 | 18,25 G | |

### 30176 P. — 41566 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 21h 16m | 48° 32′ |
| 80 8-30 | 21s,56 G | 59″,1 G |
| 8-31 | 21,69 G | 61,0 G |

### 30177 P. — 41542 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h 15m | 82° 47′ |
| 57 8- 2 | 39s,25 G | 57″,4 G |
| 9-29 | 39,25 G | 60,5 G |
| 59 8 23 | | 59,4 G |

### 30178 P. — 8715 Berlin A.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h 15m | 72° 22′ |
| 57 10- 3 | 41s,72 G | 54″,4 G |

### 30179 P. — 41526-27 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h 15m | 101° 11′ |
| 54 9-18 | 36s,98 G | |
| 10- 8 | | 1″,6 G |
| III. | 21h 16m | 101° 7′ |
| 78 9-16 | 25s,73 M | 14″,4 M |

### 30180 P. — 41529 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h 15m | 104° 6′ |
| 58 9- 9 | | 35″,2 G |
| 61 10-28 | 41s,08 G | 37,0 G |
| III. | 21h 16m | 104° 2′ |
| 78 8-12 | 30s,19 G | 49″,0 G |

### 30181 P. — 41555 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h 15m | 83° 47′ |
| 56 9- 2 | | 6″,7 G |
| 9-27 | 56s,49 G | |
| 10-25 | 56,61 G | |
| 57 10- 2 | 56,59 G | 7,3 G |

### 30181 P. (suite).

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 21h 16m | 83° 43′ |
| 71 9-16 | 41s,22 M | 20″,1 M |
| 74 9-17 | 41,33 M | 18,9 M |
| 9-30 | 41,32 M | 19,9 M |
| 75 8-12 | 41,25 M | 19,5 M |
| 8-23 | 41,36 M | 19,0 M |
| 9- 6 | 41,36 M | 18,9 M |

### 30182 P. — 41556 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h 15m | 77° 42′ |
| 57 9- 6 | 58s,76 G | 14″,8 G |
| 10- 7 | 58,41 G | 15,0 G |
| 67 8-27 | 58,80 M | 17,1 M |

### 30183 P. — 41549 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h 15m | 91° 22′ |
| 55 9- 6 | 57s,89 G | |
| 57 7-12 | 57,88 G | |
| 7-31 | | 7″,1 G |
| III. | 21h 16m | 91° 18′ |
| 76 8-16 | 44s,46 G | 19″,8 G |
| 9- 5 | | 19,1 G |
| 9-19 | 44,16 G | 19,2 G |

### 30184 P. — 6 Céphée.

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 21h 16m | 25° 47′ |
| 41 7-22[1] | | 4″,1 F |
| 46 9-22 | | 3,2 G |

[1] D. diminuée de 30″, erreur de moy.

### 30185 P. — 41589 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h 16m | 43° 52′ |
| 66 8-10 | 16s,97 G | |
| 8-29[1] | 16,76 G | |
| III. | 21h 16m | 43° 48′ |
| 80 9-13 | 49s,46 G | 6″,8 G |
| 9-22 | 49,56 G | 7,6 G |
| 81 9-17 | 49,36 G | 6,8 G |

[1] Æ. augm. de 0s,25 : err. de moy.

### 30186 P. — 41573 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h 16m | 64° 24′ |
| 58 8-30 | 13s,55 G | |
| 9- 6 | 13,67 G | 15″,2 G |
| 9-30 | 13,63 G | 14,9 G |
| 60 10-24 | 13,74 G | 14,4 G |

### 30187 P. — 41544 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h 16m | 102° 39′ |
| 56 8- 4[1] | | 24″,9 G |
| 59 10-17 | 4s,97 G | |
| 67 9-19 | 5,19 M | 23,9 M |
| III. | 21h 16m | 102° 35′ |
| 78 8-24 | 54s,13 M | 37″,4 M |
| 9- 2 | 54,06 M | 36,8 M |

[1] D. diminuée de 1′ : err. de transcr.

### 30188 P. — 41540 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h 16m | 113° 20′ |
| 56 9-25 | | 40″,3 G |
| 59 10-17 | | 41,0 G |
| 60 9- 6 | 6s,74 G | 38,9 G |
| 9- 6 | | 36,0 F |
| III. | 21h 16m | 113° 16′ |
| 79 9- 8 | 58s,20 J | 52″,9 J |

### 30189 P. — 41597 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 21h 16m | 43° 30′ |
| 72 9-20 | 59s,23 M | 11″,3 M |
| 74 9-14 | 58,98 G | 11,6 G |

### 30190 P. — 41593 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 21h 17m | 47° 23′ |
| 80 8-27 | 1s,83 G | 13″,5 G |
| 9-28 | 1,57 G | 17,2 G |

### 30191 P. — 2796 Br.

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 21h 17m | 13° 38′ |
| 53 3-11 | 18s,36 G | |
| 8- 6 | 18,16 G | |
| 9-14 | 17,88 G | |
| 9-24 | 18,34 G | |
| 10-12 | 18,09 G | |

### 30192 P. — 41600 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 21h 17m | 42° 21′ |
| 80 9-29 | 3s,59 G | 56″,5 G |
| 9-30 | 3,73 G | 57,3 G |

### 30193 P. — 41568 L.

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. Æ. | 𝔇. |
|---|---|---|
| | II. | |
| | 21h 16m | 74°35' |
| 56 9-19 | | 30",4 G |
| 58 9- 8 | | 30,3 F |
| 61 8-28 | 21s,54 G | |
| 9-25 | 21,56 G | 31,1 G |
| 10-15 | 21,61 G | 31,6 G |
| 11- 3 | 21,44 G | |
| 62 9-22 | 21,56 G | 30,8 G |

### 30194 P. — 41561 L.

| A. M. J. | Æ. | 𝔇. |
|---|---|---|
| | II. | |
| | 21h 16m | 87°49' |
| 57 8- 7 | 18s,56 G | 47",0 G |
| 9-19 | 18,57 G | 48,7 G |

### 30195 P. — 41543 L.

| A. M. J. | Æ. | 𝔇. |
|---|---|---|
| | I. | |
| | 21h 15m | 111°30' |
| 46 7-23 | 21s,65 G | |
| 48 9- 4 | | 25",2 G |
| 49 9-25 | | 25,7 G |

### 30196 P. — 41571-72 L.

| A. M. J. | Æ. | 𝔇. |
|---|---|---|
| | II. | |
| | 21h 16m | 72°32' |
| 56 9-14 | | 1",1 G |
| 58 10-12 | 22s,20 G | |
| | III. | |
| | 21h 17m | 72°28' |
| 71 8-27 | 4s,51 G | 13",9 G |
| 9- 3 | 4,20 G | 14,4 G |

### 30197 P. — 41569 L.

| A. M. J. | Æ. | 𝔇. |
|---|---|---|
| | II. | |
| | 21h 16m | 81°8' |
| 55 10-16 | 28s,38 G | 31",5 G |
| | III. | |
| | 21h 17m | 81°4' |
| 71 9-18 | 12s,90 M | 45",4 M |

### 30198 P. — 41576 L.

| A. M. J. | Æ. | 𝔇. |
|---|---|---|
| | II. | |
| | 21h 16m | 74°6' |
| 58 8- 3 | 32s,24 G | 0",8 G |
| 8-26 | | 1,1 G |
| | III. | |
| | 21h 17m | 74°1' |
| 71 8-19 | 14s,66 G | |

### 30199 P. — 41562 L.

| A. M. J. | Æ. | 𝔇. |
|---|---|---|
| | II. | |
| | 21h 16m | 97°10' |
| 55 8- 9 | 27s,31 G | |
| 56 7-26 | 27,22 G | |
| 57 10-29 | 27,29 G | 52",8 G |
| 58 8-20 | 27,38 G | |
| 9- 5 | 27,44 G | 53,2 G |
| 10- 2 | 27,19 G | 51,2 G |

### 30200 P. — 41587 L.

| A. M. J. | Æ. | 𝔇. |
|---|---|---|
| | II. | |
| | 21h 16m | 58°38' |
| 67 9-11 | | 2",5 G |
| | III. | |
| | 21h 17m | 58°34' |
| 69 10- 1 | 15s,29 M | 14",6 M |

### 30201 P. — 41590 L.

| A. M. J. | Æ. | 𝔇. |
|---|---|---|
| | II. | |
| | 21h 16m | 56°44' |
| 67 8-27 | 38s,16 G | 5",3 G |
| | III. | |
| | 21h 17m | 56°40' |
| 74 8-19 | 15s,68 M | 17",6 M |

### 30202 P. — 41626 L.

| A. M. J. | Æ. | 𝔇. |
|---|---|---|
| | III. | |
| | 21h 17m | 37°14' |
| 81 9-19 | 16s,46 G | 25",0 G |
| 9-30 | 16,08 G | 26,0 G |

### 30203 P. — 41563 L.

| A. M. J. | Æ. | 𝔇. |
|---|---|---|
| | II. | |
| | 21h 16m | 97°10' |
| 58 8-20 | 30s,00 G | 49",8 G |
| 9- 5 | 29,92 G | |
| | III. | |
| | 21h 17m | 97°7' |
| 69 8-27 | 17s,70 M | 3",3 M |

### 30204 P. — 41588 L.

| A. M. J. | Æ. | 𝔇. |
|---|---|---|
| | II. | |
| | 21h 16m | 60°17' |
| 58 8-31 | 41s,26 G | 12",1 G |
| 9-10 | | 13,1 G |
| 59 9-23 | 41,02 G | |
| | III. | |
| | 21h 17m | 60°13' |
| 71 9-18 | | 23",8 G |

### 30205 P. — 41598 L.

| A. M. J. | Æ. | 𝔇. |
|---|---|---|
| | II. | |
| | 21h 16m | 53°25' |
| 67 8- 5 | 45s,04 G | 53",0 G |
| | III. | |
| | 21h 17m | 53°22' |
| 79 9-24 | 21s,14 G | 3",6 G |
| 9-28 | | 4,7 G |
| 9-30 [1] | 21,28 G | 5,3 G |
| 80 10- 4 | 21,25 G | 4,1 G |

[1] 𝔇 augm. de 4",4 : erreur de réduct.

### 30206 P. — 41560 L.

| A. M. J. | Æ. | 𝔇. |
|---|---|---|
| | I. | |
| | 21h 15m | 103°32' |
| 46 8-14 | 42s,75 G | |
| 8-26 | | 21",9 G |
| 10- 1 | 42,94 G | |
| 11- 4 | | 23,5 G |
| 11-14 | 43,07 G | |
| 49 8-15 | 42,85 G | |
| 50 8-12 | | 22,5 G |
| 52 9- 3 | 42,99 G | |
| | II. | |
| | 21h 16m | 103°28' |
| 54 9-20 | 31s,99 G | |
| 58 9-11 | | 35",8 G |
| | III. | |
| | 21h 17m | 103°24' |
| 79 9-12 | 21s,55 J | 47",8 J |

### 30207 P. — 41577 L.

| A. M. J. | Æ. | 𝔇. |
|---|---|---|
| | II. | |
| | 21h 16m | 80°39' |
| 58 10- 5 | | 53",0 G |
| 60 8-17 | 39s,03 G | 52,9 F |
| 9-11 | 38,78 G | 54,3 G |
| 9-29 | 38,93 G | 54,8 G |
| 10- 4 | 39,11 G | 54,9 G |

### 30208 P. — 41578 L.

| A. M. J. | Æ. | 𝔇. |
|---|---|---|
| | III. | |
| | 21h 17m | 81°20' |
| 71 9- 9 | 25s,12 M | 42",9 M |
| 9-12 | 25,18 M | 44,9 M |

### 30209 P. — 41575 L.

| A. M. J. | Æ. | 𝔇. |
|---|---|---|
| | II. | |
| | 21h 16m | 88°54' |
| 57 8-13 | 39s,35 G | 59",9 G |
| 58 9-28 | 39,30 G | — |
| | III. | |
| | 21h 17m | 88°51' |
| 71 9- 4 | 25s,21 M | 12",5 M |

### 30210 P. — 41617 L.

| A. M. J. | Æ. | 𝔇. |
|---|---|---|
| | II. | |
| | 21h 16m | 86°14' |
| 58 10-29 | 41s,54 G | |
| | III. | |
| | 21h 17m | 86°10' |
| 80 8-31 | 26s,71 M | 9",8 M |
| 9- 2 | 26,97 M | 11,5 M |

### 30211 P. — 370 W1.

| A. M. J. | Æ. | 𝔇. |
|---|---|---|
| | II. | |
| | 21h 16m | 88°58' |
| 57 8-13 | 42s,08 G | |

### 30212 P. — 41623 L.

| A. M. J. | Æ. | 𝔇. |
|---|---|---|
| | II. | |
| | 21h 16m | 43°42' |
| 67 9-12 [1] | 56s,19 M | 10",0 M |
| 10- 3 | 56,33 M | 11,5 M |

[1] Æ diminuée de 0s,35 : err. de moy.

### 30213 P. — 12431 Cambridge.

| A. M. J. | Æ. | 𝔇. |
|---|---|---|
| | II. | |
| | 21h 16m | 60°16' |
| 58 8-31 | 54s,11 G | |
| 59 9-23 | 54,20 G | |

### 30214 P. — 41570 L.

| A. M. J. | Æ. | 𝔇. |
|---|---|---|
| | II. | |
| | 21h 16m | 97°20' |
| 57 8-11 | 45s,80 G | |
| 10-16 | 45,69 G | 34",1 G |
| 61 10-24 | 45,83 G | 32,7 G |
| 62 8- 5 | | 32,6 G |
| 8-13 | 45,70 G | 31,8 G |
| 10- 1 | 45,76 G | 31,0 G |

### 30215 P. — 10708 Leipzig II.

| A. M. J. | Æ. | 𝔇. |
|---|---|---|
| | II. | |
| | 21h 16m | 80°39' |
| 60 9-11 | 50s,64 G | |

### 30216 P. — 41614 L.

| A. M. J. | Æ. | 𝔇. |
|---|---|---|
| | III. | |
| | 21h 17m | 51°46' |
| 80 9- 5 | 34s,55 J | 15",6 J |
| 9- 9 | 34,65 J | 15,6 J |

Dates 1800+ — Positions moyennes pour les époques du Catal.

### 30217 P. — 3448 Gr.

| A. M. J. | Æ. | D. |
|---|---|---|
| | I. | |
| | 21h 16m | 28° 7′ |
| 43 9-23 | 51s,87 G | |
| 45 9- 1 | 51,69 G | |
| 9- 6 | 51,80 G | |
| 9-12 | 51,75 G | |
| 9-24 | 51,67 G | |
| 9-26 | 51,70 G | |
| 10- 3 | 51,89 G | |
| 11-22 | 51,71 G | |
| 11-30 | 51,82 G | |
| 48 10-13 | 51,83 G | |

### 30218 P. — 41585-86 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 21h 16m | 76° 32′ |
| 57 9-11 | 54s,47 G | 48″,4 G |
| 58 8-24 | 54,48 G | 49,5 G |
| | III. | |
| | 21h 17m | 76° 29′ |
| 71 8-12 | 37s,57 G | 2″,2 G |
| 9- 5 | 37,12 G | |
| 9- 9 | 37,34 G | |
| 9-14 | 37,56 G | |

### 30219 P. — 41582 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 21h 16m | 80° 29′ |
| 58 9-15 | 53s,76 G | 38″,4 G |
| | III. | |
| | 21h 17m | 80° 25′ |
| 74 7-30 | 38s,09 M | 48″,1 M |

### 30220 P. — 41632-33 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 21h 17m | 41° 12′ |
| 59 10- 3 | 8s,72 G | |
| | III. | |
| | 21h 17m | 41° 8′ |
| 72 9-17 | 39s,85 M | 44″,7 M |
| 74 9-18 | 39,89 M | 46,0 M |
| 80 9- 9 | | 45,2 G |

### 30221 P. — 41608 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 21h 17m | 58° 30′ |
| 80 9-13 | 42s,41 J | 20″,4 J |
| 9-20 | 42,29 J | 20,2 J |
| 81 9-13 | 42,45 J | 20,0 J |
| 9-19 | 42,38 J | 19,9 J |
| 10- 1 | 42,49 J | 19,4 J |

### 30222 P. — 41609-10 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 21h 17m | 60° 57′ |
| 58 8- 9 | 6s,30 G | |
| 8-10 | 6,51 G | 8″,7 G |
| 11- 1 | | 8,0 G |
| 11- 7 | | 9,6 G |
| 59 10- 2 | 6,57 G | 8,1 G |

### 30222 P. (suite).

| A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 21h 17m | 60° 52′ |
| 79 8-20 | 45s,30 G | |

### 30223 P. — 41624 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 21h 17m | 51° 57′ |
| 62 9-15[1] | 11s,64 G | 43″,9 G |
| 66 9-20[2] | 11,74 G | |
| 67 8-24 | 11,74 G | 42,5 G |
| | III. | |
| | 21h 17m | 51° 53′ |
| 79 8-26 | | 53″,4 G |
| 9- 8 | 47s,54 G | 52,3 G |

[1] Æ diminuée de 1m.
[2] Æ dim. de 5s : erreur de moy.

### 30224 P. — 12440 Cambridge.

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 21h 17m | 69° 52′ |
| 58 10-15 | 13s,32 G | |
| 59 10- 2 | 12,97 G | |

### 30225 P. — 41584 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 21h 17m | 89° 58′ |
| 61 10- 2 | 5s,79 G | 15″,4 G |
| | III. | |
| | 21h 17m | 89° 54′ |
| 79 8-11 | 51s,98 M | 27″,1 M |
| 9- 2 | 52,05 M | 26,1 M |

### 30226 P. — 41580-81 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 21h 17m | 102° 18′ |
| 78 9- 6 | 53s,70 M | 53″,8 M |
| 9-27 | 53,68 M | 52,8 M |

### 30227 P. — 41618-19 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 21h 17m | 60° 47′ |
| 58 10-15 | 16s,22 G | |
| | III. | |
| | 21h 17m | 60° 43′ |
| 71 10-12 | 54s,51 G | |
| 74 9-18 | 54,71 G | 15″,3 G |
| 75 8-27 | 54,72 G | 15,4 G |
| 79 9-24 | 54,78 J | 15,4 J |
| 9-27 | 54,86 J | 15,9 J |
| 9-30 | 54,81 J | 15,7 J |

### 30228 P. — 41627 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 21h 17m | 51° 53′ |
| 59 11-23 | | 21″,7 G |
| 62 9-15 | | 21,5 G |
| | III. | |
| | 21h 17m | 51° 49′ |
| 79 8-26 | 55s,37 G | |
| 9-11 | 55,33 G | 29″,6 G |
| 9-16 | 55,46 G | 31,6 G |

### 30229 P. — 4352 A + 2°.

| A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 21h 17m | 87° 8′ |
| 80 8-10 | 56s,54 M | 56″,6 M |

### 30230 P. — 406-407 W$_2$.

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 21h 17m | 66° 17′ |
| 58 9-17 | 16s,40 G | |
| 9-19 | 16,36 G | |

### 30231 P. — 41630 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 21h 17m | 49° 36′ |
| 80 9- 3 | 56s,57 G | 1″,9 G |
| 9- 5 | 56,76 G | 0,3 G |

### 30232 P. — 41631 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 21h 17m | 49° 50′ |
| 80 9- 6 | 58s,22 G | 9″,4 G |
| 10- 1 | 58,39 G | 11,7 G |

### 30233 P. — 41583 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 21h 17m | 97° 18′ |
| 58 9- 4 | | 44″,7 G |
| 62 8- 5 | 11s,29 G | 45,2 G |
| | III. | |
| | 21h 17m | 97° 14′ |
| 69 8-24 | 59s,18 M | 56″,1 M |

### 30234 P. — 41642 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 21h 18m | 46° 47′ |
| 81 9-28 | 4s,25 G | 26″,3 G |
| 10-15 | 4,24 G | |
| 10-18 | 4,24 G | 25,1 G |

### 30235 P. — 41604 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 21h 17m | 73° 53′ |
| 57 10-12 | 21s,72 G | 47″,4 G |
| 10-15 | 21,70 G | |

### 30236 P. — 41591 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 21h 17m | 96° 10′ |
| 57 9-22 | 19s,88 G | 45″,2 G |
| 58 9-13 | | 46,3 F |
| 59 10- 5 | | 45,7 G |
| 60 8-16 | 20,30 G | |
| 9-12 | 20,03 G | 46,5 G |
| 10- 9 | 20,02 G | 45,9 G |
| 61 10- 4 | | 45,3 G |
| 62 9-29 | 19,93 G | |
| | III. | |
| | 21h 18m | 96° 6′ |
| 76 10- 6 | 7s,41 M | 58″,3 M |
| 10- 7 | 7,50 M | 57,7 M |

### 30237 P. — 41643 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 21h 17m | 59° 28′ |
| 67 9- 4 | 29s,72 G | 53″,2 G |
| | III. | |
| | 21h 18m | 59° 25′ |
| 69 9-25 | 8s,01 M | 4″,7 M |

### 30238 P. — 41650 et 53 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 21h 17m | 41° 6′ |
| 66 8-22 | 37s,65 G | |
| | III. | |
| | 21h 18m | 41° 2′ |
| 81 8-23 | 8s,75 G | |
| 8-27[1] | 9,10 G | 31″,7 G |
| 9-13[2] | 8,39 G | |
| 9-15 | 9,11 G | 33,0 G |
| 10- 5 | 8,69 G | 33,1 G |
| 10-14 | 8,88 G | 33,3 G |

[1] Æ augm. de 0s,62 : erreur de réduct.
[2] Æ non comprise dans la moyenne.

### 30239 P. — 41599 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 21h 18m | 89° 57′ |
| 73 8-23 | 9s,87 M | 44″,4 M |
| 75 10-12 | 9,95 M | 45,9 M |
| 79 10-12 | | 44,6 J |
| 10-16 | 9,89 J | 44,7 J |
| 80 8-13 | 9,79 M | 45,9 M |
| 9- 3 | 9,80 M | 43,3 M |

### 30240 P. — 12449 Cambridge.

| A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 21h 18m | 62° 1′ |
| 80 9- 1 | 11s,46 J | 18″,8 J |

### 30241 P. — 41613 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 21h 17m | 77° 58′ |
| 57 8-21 | | 55″,0 G |
| 10-13 | 28s,36 G | 55,0 G |

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|

**30241 P. (suite).**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 21h 18m | 77°55′ |
| 71 9- 2 | 11s,63 G | |
| 9-12 | 11,92 G | |

**30242 P. — 41615-16 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 21h 17m | 80°25′ |
| 55 11- 2 | 34s,54 G | |
| 56 8-29 | | 32",5 G |
| 57 8-22 | | 31,8 G |
| 62 9-11 | 34,29 G | |
| 63 8-11 | 34,28 M | 33,1 M |

**30243 P. — 21369 A.O.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 21h 17m | 114°10′ |
| 58 10-31 | 26s,99 G | 31",5 G |

**30244 P. — 41644 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 21h 18m | 53°7′ |
| 74 8-20 | 19s,23 M | 44",3 M |
| 8-22 | 19,21 M | 45,2 M |

**30245 P. — 41603 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 21h 16m | 94°3′ |
| 46 8-10 | 46s,85 G | |
| 11-11 | | 34",4 G |
| 48 8-18 | | 33,0 G |
| 49 8-25 | 46,87 G | |
| 8-26 | 46,80 G | |
| 9-30 | 46,77 G | |
| 50 8-30 | 46,82 G | |
| 9- 4 | 46,73 G | |
| II. | 21h 17m | 93°59′ |
| 58 8-17 | 33s,81 G | 46",8 G |
| 9- 9 | | 44,9 F |
| III. | 21h 18m | 93°55′ |
| 76 9-21 | 20s,55 G | 57",7 G |
| 10- 7 | 20,61 G | 58,7 G |
| 10- 9 | 20,63 G | 59,8 G |

**30246 P. — 41628 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 21h 17m | 66°19′ |
| 58 9-17 | 40s,39 G | |
| 9-19 | 40,56 G | |
| 61 10-26 | 40,51 G | 31",9 G |
| III. | 21h 18m | 66°15′ |
| 79 9- 1 | 20s,85 G | 42",2 G |
| 10-11 | 20,99 G | 41,6 G |

**30247 P. — 41595 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 21h 17m | 104°5′ |
| 57 9- 9 | | 38",5 G |
| III. | 21h 18m | 104°1′ |
| 79 9-12 | 22s,49 M | 48",7 M |
| 80 9-20 | 22,58 M | 47,0 M |

**30248 P. — 41634 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 21h 18m | 62°3′ |
| 80 9- 8 | 23s,70 J | 47",4 J |

**30249 P. — 41636 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 21h 17m | 60°57′ |
| 58 10- 4 | 45s,59 G | 58",6 G |
| III. | 21h 18m | 60°54′ |
| 79 9-26 | 24s,34 J | 10",0 J |

**30250 P. — 41605 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 21h 16m | 100°24′ |
| 46 10-10 | | 19",3 G |
| 49 8-27 | 53s,11 G | |
| 50 8-30 | | 18,8 G |
| 9- 7 | 52,98 G | |
| II. | 21h 17m | 100°20′ |
| 54 8-20 | 41s,43 G | |
| 57 8-12 | 41,49 G | 32",1 G |
| 60 9- 9 | 41,48 G | 32,9 G |
| 62 8- 6 | 41,38 G | 32,0 G |
| III. | 21h 18m | 100°16′ |
| 80 8-18 | 29s,88 M | 46",8 M |
| 11- 9 | 30,07 J | 46,5 J |
| 81 7-12[1] | | 47,6 G |

[1] 𝒟 augmentée de 1″ : erreur de réduct.

**30251 P. — 41612 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 21h 18m | 96°14′ |
| 76 9-21 | 31s,62 M | 10",7 M |
| 9-22 | 31,88 M | 11,7 M |

**30252 P. — 41637 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 21h 17m | 65°17′ |
| 58 8- 8 | 52s,57 G | 14",3 G |

**30252 P. (suite).**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 21h 18m | 65°13′ |
| 71 9-17 | 32s,79 G | 23",4 G |

**30253 P. — 41675 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 21h 18m | 41°9′ |
| 68 10-22 | 32s,88 M | 22",9 M |
| 74 9-21 | 32,73 M | 22,5 M |

**30254 P. — 41592 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 21h 17m | 115°50′ |
| 59 10-17 | | 19",5 G |
| 61 8-27 | 40s,49 G | 19,1 G |
| 9-30 | 40,45 G | 19,6 G |

**30255 P. — 41601 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 21h 17m | 104°52′ |
| 54 9-22[1] | 43s,37 G | |
| 58 10-29 | | 40",8 F |
| 60 8-25 | 43,53 G | |
| 61 10-12 | 43,41 G | 41,7 G |
| III. | 21h 18m | 104°48′ |
| 78 8-24 | 32s,94 G | 51",7 G |

[1] 𝒜 dim. de 1m : err. de transcr.

**30256 P. — 41622 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 21h 17m | 92°35′ |
| 58 7-30 | | 18",9 G |
| 61 10-14 | 51s,80 G | 19,6 G |
| III. | 21h 18m | 92°31′ |
| 77 9- 4 | 38s,53 G | 30",0 G |
| 78 9-20 | 38,40 G | |
| 9-21 | 38,42 G | |

**30257 P. — 41620 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 21h 18m | 92°50′ |
| 81 8-10 | 38s,47 G | 39",4 J |
| 8-18 | | 38,9 J |

**30258 P. — 41661 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 21h 18m | 50°31′ |
| 69 9- 8 | 39s,71 M | 1",0 M |
| 74 9-24 | 39,72 M | 1,4 M |
| 75 9-14 | 39,82 M | 0,5 M |

**30259 P. — 41671 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 21h 18m | 46°1′ |
| 80 9- 1 | 40s,78 G | |
| 10-18 | 40,82 G | 0",0 G |

**30260 P. — 41635 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 21h 17m | 76°7′ |
| 58 7-21 | | 21",0 G |
| 8-11 | 59s,57 G | 20,4 G |
| 8-16 | 59,54 G | 21,5 G |

**30261 P. — 41606-07 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 21h 17m | 109°11′ |
| 54 8-24 | 51s,59 G | 17",8 G |
| 8-25 | 51,71 G | |
| III. | 21h 18m | 109°7′ |
| 78 9-19 | 42s,44 M | 27",3 M |
| 9-24 | 42,28 M | 27,6 M |

**30262 P. — 41662 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 21h 18m | 53°11′ |
| 80 9-27[1] | 44s,67 J | 0",7 J |
| 9-29[2] | 44,71 J | 0,7 J |

[1] 𝒜 augm. de 0s,10 : err. de moy.
[2] 𝒜 augm. de 0s,16 : err. de moy.

**30263 P. — 41625 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 21h 17m | 94°13′ |
| 40 9-21 | 11s,73 G | |
| 46 7-23 | 11,74 G | |
| 11- 2 | | 4",5 G |
| 50 8-14 | 11,73 G | |
| II. | 21h 17m | 94°9′ |
| 58 9-11 | | 17",2 F |
| 10- 8 | | 16,5 G |
| III. | 21h 18m | 94°5′ |
| 68 8-11 | 45s,78 M | 28",6 M |
| 74 9-19 | 45,91 M | 30,1 M |
| 75 9- 4 | 45,63 M | 29,0 M |

**30264 P. — 22165-66 A.O.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 21h 17m | 36°25′ |
| 40 10-10[1] | 48s,88 G | |
| 10-30 | 49,02 G | |
| 10-31 | 49,07 G | |
| 11- 6 | 48,89 G | |

[1] Erreur de 4° dans la déclinaison approchée indiquée (dist. des fils).

Dates 1800+ — Positions moyennes pour les époques du Catal.

**30265 P. — 41648 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 18m | 66° 4′ |
| 58 8- 7 | 6s,16 G | |
| 59 8-12 | 6,26 G | |
| 60 10-25 | 6,31 G | 15″,3 G |
| 61 10-19 | 6,39 G | |
| 62 9-16 | 6,26 G | 14,3 G |

**30266 P. — 4695 A + 13°.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 18m | 76° 4′ |
| 58 8-16 | 3s,90 G | |

**30267 P. — 41641 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 18m | 74° 49′ |
| 57 10-20 | 4s,28 G | 8″,3 G |
| | III. | |
| | 21h 18m | 74° 45′ |
| 71 8-13 | 47s,08 G | |

**30268 P. — 41611 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 18m | 115° 5′ |
| 57 7-11 | 2s,72 G | |
| 58 8- 4 | | 7″,2 G |
| 9- 9 | | 6,7 G |
| | III. | |
| | 21h 18m | 115° 1′ |
| 79 10- 4 | 54s,60 J | 18″,1 J |
| 10- 7 | 54,46 J | 19,7 J |

**30269 P. — 410 W$_1$.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 18m | 81° 13′ |
| 56 9- 4 | 12s,53 G | |

**30270 P. — 41645 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 18m | 81° 12′ |
| 56 8-26 | | 59″,8 G |
| 9- 4 | 14s,25 G | |
| 59 8-23 | | 62,2 G |
| | III. | |
| | 21h 18m | 81° 9′ |
| 71 9- 4 | 58s,44 M | 12″,5 M |

**30271 P. — 41658 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 21h 17m | 64° 29′ |
| 39 9- 7 | | 23″,9 G |

**30271 P. (suite).**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 18m | 64° 25′ |
| 58 8- 6 | 20s,89 G | |
| 9-10 | | 33″,9 G |
| 63 7-31 [1] | 21,08 G | |
| 8- 1 | 21,07 G | |
| 8- 7 | 21,29 G | |
| 8-12 | 21,10 G | |
| 8-14 | 21,14 G | |
| 8-17 | 21,12 G | |
| 8-25 | 21,02 G | |
| 8-31 | 20,97 G | |
| 9-11 | 21,11 G | |
| 9-12 | 21,05 G | |
| 9-15 | 21,15 G | |
| 9-18 | 21,10 G | |
| 9-19 | 21,20 G | |
| 9-27 | 21,04 G | |
| 64 8- 3 | 21,15 G | |
| 8- 6 | 21,00 G | |
| 8- 8 | 21,02 G | |
| 8-27 | 21,13 G | |
| 8-28 | 21,15 G | |
| 8-29 | 21,00 G | |
| 9- 9 | 21,02 G | |
| 9-11 | 21,19 G | |
| 9-22 | 21,08 G | |
| 9-23 | 21,14 G | |
| 9-26 | 21,09 G | |
| 9-29 | 21,21 G | |
| 9-30 | 21,19 G | |
| 10- 1 | 21,16 G | |
| 10-17 | 21,12 G | |
| 65 8-26 | | 33,8 G |
| 8-30 | | 33,6 G |
| 9- 1 | 21,19 G | |
| 9- 7 | 21,18 G | |
| 9- 8 | 21,18 G | |
| 9-15 | | 33,6 G |
| 9-16 | | 33,9 G |
| 9-18 | | 33,9 G |
| 10- 5 | 21,08 G | |
| | III. | |
| | 21h 19m | 64° 21′ |
| 71 8-26 | 1s,17 M | 43″,5 M |
| 8-26 | 1,02 G | 44,4 G |
| 10- 5 | 1,01 G | |
| 10-14 | 1,08 G | |
| 72 7-20 | 0,95 G | |
| 9- 1 | 0,88 G | |

[1] 𝒜 diminuée de 1m.

**30272 P. — 41649 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 21h 19m | 59° 35′ |
| 69 9-17 | 1s,11 M | 60″,2 M |
| 75 8-16 | 1,31 M | 59,7 M |
| 79 9-18 | 1,41 G | 58,3 G |
| 10- 4 | 1,06 G | 59,8 G |
| 10- 7 | 1,25 G | |

**30273 P. — 41667 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 21h 19m | 58° 45′ |
| 80 9-30 | 1s,69 J | 41″,0 J |
| 10-11 | 1,64 J | 44,5 J |

**30274 P. — 12465 Cambridge.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 18m | 60° 20′ |
| 59 9-23 | 29s,25 G | |

**30275 P. — 12466 Cambridge.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 18m | 64° 40′ |
| 58 9-16 | 31s,22 G | |

**30276 P. — 41654 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 18m | 80° 0′ |
| 57 10- 2 | 30s,42 G | 14″,4 G |
| 58 8-12 | | 13,9 G |
| | III. | |
| | 21h 19m | 79° 56′ |
| 79 10-16 | | 24″,0 G |

**30277 P. — 41674 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 18m | 64° 43′ |
| 58 9-16 | 34s,70 G | 13″,1 G |
| | III. | |
| | 21h 19m | 64° 39′ |
| 71 9-18 | 14s,64 G | 22″,5 G |
| 74 9-14 | 14,58 M | 23,6 M |
| 75 9- 6 | 14,74 M | 23,8 M |

**30278 P. — 41629 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 18m | 111° 36′ |
| 55 9- 7 | 24s,87 G | |
| 61 9-27 | 25,17 G | 6″,2 G |
| 10-20 | 25,18 G | 4,1 G |
| 62 9-19 | 25,22 G | 4,6 G |

**30279 P. — 41663 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 18m | 74° 35′ |
| 58 9-11 | 36s,31 G | 54″,5 G |
| 11- 3 | 36,13 G | |
| | III. | |
| | 21h 19m | 74° 32′ |
| 71 9-15 | 18s,67 M | 6″,3 M |
| 9-15 | 18,82 G | 5,1 G |

**30280 P. — 41695 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 18m | 43° 26′ |
| 66 8-18 | 47s,50 G | |
| 67 10- 5 | 47,66 M | 8″,2 M |

**30281 P. — 41666 et 69 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 18m | 72° 8′ |
| 57 7-10 | 38s,04 G | |
| 10- 7 | 38,13 G | 18″,1 G |
| 59 7-17 [1] | 37,97 G | |
| 60 10- 3 | 38,34 G | |
| 61 9-26 | 38,32 G | 18,5 G |
| 10-15 | 38,38 G | 18,7 G |
| 10-16 | 38,09 G | 18,7 G |
| 10-18 | 38,27 G | |
| | III. | |
| | 21h 19m | 72° 4′ |
| 79 9-10 | 20s,13 J | 29″,1 J |
| 9-11 | 20,02 J | 30,0 J |

[1] 𝒜 augm. de 0s,20 : err. de 1s sur un fil.

**30282 P. — 41659 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 18m | 80° 58′ |
| 57 9-20 | 37s,00 G | 15″,8 G |
| 58 9-13 | 36,81 G | 16,5 G |
| | III. | |
| | 21h 19m | 80° 54′ |
| 79 10-16 [1] | 21s,04 G | |

[1] Indiquée à tort comme 41669 L. (dist. des fils). Le cahier porte 41654 L.

**30283 P. — 41646 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 18m | 98° 53′ |
| 58 11- 4 | | 3″,0 G |
| 61 9-25 | 33s,73 G | 4,9 G |
| 10-10 | 33,72 G | 4,3 G |

**30284 P. — 28369 Mn$_1$.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 21h 17m | 79° 19′ |
| 40 8-20 | | 9″,6 G |

**30285 P. — 447 W$_2$.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 21h 19m | 66° 6′ |
| 71 8-29 | 24s,01 M | 44″,3 M |

**30286 P. — 8738 Berlin A.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 18m | 72° 8′ |
| 59 7-17 | 42s,65 G | |

**30287 P. — 41655 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 21h 17m | 90° 7′ |
| 40 8-20 | 55s,19 G | |
| 8-29 | 55,19 G | |
| 8-30 | 55,17 G | |

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### 30287 P. (suite).

| A. M. J. | α | δ |
|---|---|---|
| II. | $21^h18^m$ | 90°4′ |
| 55 8-26 | $41^s,16$ G | |
| 57 7-31 | | 7″,6 G |
| 58 9-8 | | 6,5 G |
| III. | $21^h19^m$ | 90°0′ |
| 69 8-28 | $27^s,15$ M | 15″,2 M |
| 71 9-12 | 27,40 M | 16,3 M |
| 9-18 | 27,52 M | 16,0 M |

### 30288 P. — 41672 L.

| A. M. J. | α | δ |
|---|---|---|
| III. | $21^h19^m$ | 76°4′ |
| 81 8-24 | $27^s,82$ J | 6″,5 J |
| 8-27 | 27,89 J | 6,6 J |

### 30289 P. — 41668 L.

| A. M. J. | α | δ |
|---|---|---|
| II. | $21^h18^m$ | 78°57′ |
| 58 10-16 | $45^s,14$ G | 5″,6 G |
| III. | $21^h19^m$ | 78°53′ |
| 71 8-22 | $28^s,73$ G | |
| 8-23 | 28,75 M | 15″,6 M |

### 30290 P. — 41684 L.

| A. M. J. | α | δ |
|---|---|---|
| II. | $21^h18^m$ | 63°10′ |
| 59 7-28 | $50^s,29$ G | 59″,0 G |
| III. | $21^h19^m$ | 63°7′ |
| 80 9-5 | $29^s,93$ M | 9″,9 M |

### 30291 P. — 41638 à 40 L.

34 ζ Capricorne.

Étoile fondamentale.

### 30292 P. — 41647 L.

| A. M. J. | α | δ |
|---|---|---|
| II. | $21^h18^m$ | 105°50′ |
| 54 8-26 | $43^s,90$ G | |
| 8-27 | | 55″,3 G |
| III. | $21^h19^m$ | 105°47′ |
| 78 8-24 | $33^s,72$ M | 5″,1 M |
| 9-10 | 33,66 M | 3,8 M |
| 9-29 | 33,73 M | 5,5 M |

### 30293 P. — 41651 L.

| A. M. J. | α | δ |
|---|---|---|
| I. | $21^h17^m$ | 102°45′ |
| 41 8-27 | $59^s,38$ G | |

### 30293 P. (suite).

| A. M. J. | α | δ |
|---|---|---|
| II. | $21^h18^m$ | 102°41′ |
| 54 8-28 | $48^s,39$ G | |
| 8-29 | | 25″,4 G |
| III. | $21^h19^m$ | 102°37′ |
| 79 10-3 | $37^s,55$ J | 40″,6 J |
| 10-6 | 37,53 J | 39,5 J |

### 30294 P. — 28379 Mn$_1$.

| A. M. J. | α | δ |
|---|---|---|
| II. | $21^h18^m$ | 79°54′ |
| 57 10-12 | $55^s,07$ G | 10″,5 G |
| 58 8-12 | 54,90 G | |

### 30295 P. — 41686 L.

| A. M. J. | α | δ |
|---|---|---|
| II. | $21^h18^m$ | 66°6′ |
| 57 10-1 | $59^s,11$ G | 37″,3 G |

### 30296 P. — 41656-57 L.

| A. M. J. | α | δ |
|---|---|---|
| II. | $21^h18^m$ | 101°31′ |
| 54 8-30 | $52^s,59$ G | 11″,5 G |
| III. | $21^h19^m$ | 101°27′ |
| 78 8-26 | $41^s,48$ M | 21″,9 M |
| 10-2 | 41,39 M | 22,2 M |

### 30297 P. — 15449 Bonn.′

| A. M. J. | α | δ |
|---|---|---|
| I. | $21^h18^m$ | 41°50′ |
| 40 10-12 | $42^s,29$ G | |
| 10-13 | 42,34 G | |
| III. | $21^h19^m$ | 41°43′ |
| 81 10-17 [1] | $45^s,88$ G | |

[1] Indiquée à tort comme 41717 L. (dist. des fils).

### 30298 P. — 41717 et 19 L.

| A. M. J. | α | δ |
|---|---|---|
| II. | $21^h19^m$ | 38°56′ |
| 65 9-20 | | 38″,0 G |
| 9-22 | | 38,3 G |
| 9-23 | | 37,4 G |
| 9-25 | | 38,0 G |
| 9-26 | | 38,1 G |

### 30299 P. — 21392 A.O.

| A. M. J. | α | δ |
|---|---|---|
| I. | $21^h18^m$ | 107°56′ |
| 41 10-18 | $6^s,95$ G | |
| 10-19 | 6,86 G | |
| 10-20 | 6,96 G | |

### 30300 P. — 41687-88 L.

| A. M. J. | α | δ |
|---|---|---|
| II. | $21^h19^m$ | 74°59′ |
| 57 9-11 | $8^s,81$ G | 1″,0 G |
| 58 9-30 [1] | 8,67 G | 2,8 G |

[1] α augm. de $0^s,20$ : err. de $1^s$ sur un fil.

### 30301 P. — 41697 et 99 L.

| A. M. J. | α | δ |
|---|---|---|
| II. | $21^h19^m$ | 61°8′ |
| 57 10-26 | | 27″,5 G |
| 58 8-30 [1] | $15^s,79$ G | |
| 11-1 | | 24,5 G |
| 59 10-1 | 15,97 G | |
| III. | $21^h19^m$ | 61°4′ |
| 79 9-8 | $54^s,83$ G | 33″,7 G |
| 9-24 | 58,87 G | 33,5 G |

[1] α diminuée de $5^s$.

### 30302 P. — 41711 L.

| A. M. J. | α | δ |
|---|---|---|
| II. | $21^h19^m$ | 46°18′ |
| 67 9-10 | $24^s,08$ M | 35″,3 M |
| 10-1 | 24,07 M | 35,4 M |

### 30303 P. — 41679 L.

| A. M. J. | α | δ |
|---|---|---|
| II. | $21^h19^m$ | 93°35′ |
| 56 8-3 | | 19″,7 G |
| 58 8-20 | $12^s,81$ G | 18,8 G |
| 60 10-6 | 12,76 G | 21,0 G |
| III. | $21^h19^m$ | 93°31′ |
| 76 8-16 | $59^s,73$ G | 31″,6 G |
| 9-19 | 59,54 G | 30,9 G |

### 30304 P. — 41678 L.

| A. M. J. | α | δ |
|---|---|---|
| II. | $21^h19^m$ | 96°36′ |
| 57 10-16 | $12^s,16$ G | 16″,5 G |
| III. | $21^h19^m$ | 96°32′ |
| 80 9-3 | $59^s,90$ M | 27″,5 M |

### 30305 P. — 41689 L.

| A. M. J. | α | δ |
|---|---|---|
| II. | $21^h19^m$ | 77°45′ |
| 58 8-3 | $18^s,24$ G | 42″,1 G |
| 9-8 | | 44,0 F |
| 9-27 | 18,28 G | 45,1 G |
| III. | $21^h20^m$ | 77°41′ |
| 71 8-27 | $1^s,58$ G | |
| 9-3 | 1,77 G | 54″,5 G |

### 30306 P. — 41685 L.

| A. M. J. | α | δ |
|---|---|---|
| I. | $21^h18^m$ | 89°33′ |
| 40 9-12 | $32^s,33$ G | |
| 10-6 | 32,32 G | 24″,9 F |
| 42 10-6 | 32,26 G | |
| 10-7 | 32,42 G | |
| II. | $21^h19^m$ | 89°29′ |
| 55 10-2 | $18^s,37$ G | |
| 10-21 [1] | | 37″,0 G |
| III. | $21^h20^m$ | 89°25′ |
| 71 9-16 | | 50″,3 M |
| 74 9-14 | $4^s,43$ G | |
| 9-17 | | 51,6 G |
| 75 8-23 | 4,59 G | 50,6 G |

[1] δ dim. de 25″,4 (dist. des fils horizontaux) : l'observ. a été faite par erreur au fil inférieur.

### 30307 P. — 41707 L.

| A. M. J. | α | δ |
|---|---|---|
| II. | $21^h19^m$ | 55°51′ |
| 59 11-23 | | 31″,6 G |
| 67 8-23 | $31^s,34$ G | 32,1 G |
| III. | $21^h20^m$ | 55°47′ |
| 69 10-6 | $8^s,73$ M | 42″,4 M |

### 30308 P. — 41670 L.

| A. M. J. | α | δ |
|---|---|---|
| I. | $21^h18^m$ | 111°51′ |
| 39 8-24 | $27^s,07$ G | |
| 8-27 | 27,12 G | |
| 8-28 | 27,05 G | |
| 9-18 | 27,17 G | |
| 40 10-8 | 26,85 G | |
| 46 7-31 | 27,20 G | |
| 8-14 | 26,94 G | |
| 8-22 | | 47″,4 G |
| 9-18 | 26,94 G | |
| 9-24 | 27,04 G | |
| 9-30 | | 48,0 G |
| 10-18 | | 49,2 F |
| 10-20 [1] | | 47,7 F |
| 11-14 | 27,11 G | |
| 12-1 | | 46,4 G |
| 47 7-29 | 26,91 G | |
| 8-1 | | 49,1 F |
| 9-10 | 26,84 G | 46,8 G |
| 9-11 [2] | 27,06 G | |
| 48 9-2 | | 48,8 G |
| 10-7 | 26,93 G | 46,6 G |
| 10-26 | 27,01 G | |
| 49 9-18 | 27,07 G | |
| 52 7-31 | 27,14 G | |
| 9-3 | 26,97 G | |
| 11-6 | 27,38 G | |
| 53 8-18 | 26,86 G | |

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### 30308 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 21h 19m | 111° 47' |
| 59 | 10-26 | | 56",5 G |
| 60 | 9-6 | 18s,19 G | 57,4 G |
| 61 | 9-1 | 18,42 G | |

[1] 𝒫 diminuée de 1° : erreur de réduct.
[2] 𝒜 diminuée de 1m.
[3] 𝒫 augmentée de 1' : err. de réduction.

### 30309 P. — 9623 YF.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 21h 18m | 53° 58' |
| 48 | 9-19[1] | 56s,82 G | |
| | 9-20 | 56,80 G | |
| | 9-21 | 56,80 G | |

[1] 𝒜 diminuée de 1m.

### 30310 P. — 41664 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 21h 19m | 118° 19' |
| 55 | 9-19 | 19s,27 G | |
| 59 | 10-17 | | 52",1 G |
| | 10-22 | | 50,1 G |

### 30311 P. — 41652 et 92 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 21h 19m | 80° 27' |
| 57 | 7-27 | 28s,20 G | |
| 59 | 8-24 | 28,18 G | |
| | III. | 21h 20m | 80° 23' |
| 71 | 9-19 | 12s,18 M | 43",5 M |
| 74 | 7-30 | 12,21 M | 40,6 M |
| | 8-20 | 12,25 G | 41,7 G |
| | 9-15 | 12,18 M | 41,9 M |
| | 9-30 | 12,14 M | 41,6 M |
| 75 | 8-12 | 12,14 M | 42,3 M |

### 30312 P. — 437 W1.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 21h 18m | 96° 29' |
| 44 | 7-29 | 41s,56 G | |

### 30313 P. — 41728 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 21h 20m | 49° 27' |
| 80 | 8-23 | 20s,58 G | 43",2 G |
| | 8-30 | 20,21 G | 42,9 G |

### 30314 P. — 41690 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 21h 19m | 93° 20' |
| 57 | 7-12 | 33s,40 G | |
| | 10-29 | 33,47 G | 19",1 G |

### 30314 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 21h 20m | 93° 16' |
| 79 | 9-8 | 20s,49 J | 29",9 J |

### 30315 P. — 41683 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 21h 19m | 110° 48' |
| 55 | 9-25 | 35s,11 G | |
| 62 | 9-12 | 35,10 G | 52",1 G |
| | III. | 21h 20m | 110° 45' |
| 79 | 8-16 | 25s,77 M | 3",8 M |
| | 9-3 | 25,98 M | 3,6 M |

### 30316 P. — 41700 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 21h 19m | 85° 9' |
| 56 | 9-26 | | 9",3 G |
| 58 | 9-15 | 41s,84 G | 10,3 G |
| | 9-28 | 41,69 G | |

### 30317 P. — 41727 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 21h 19m | 57° 7' |
| 67 | 8-31 | 54s,99 G | |
| | III. | 21h 20m | 57° 3' |
| 74 | 8-21 | 32s,85 M | 24",0 M |
| | 9-18 | 32,81 G | 23,3 G |
| | 10-7 | | 24,5 G |

### 30318 P. — 41691 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 21h 19m | 104° 11' |
| 54 | 9-2 | 43s,55 G | 34",0 G |
| 59 | 10-17 | 43,64 G | |
| 60 | 8-17 | 43,71 G | 31,7 F |
| | III. | 21h 20m | 104° 7' |
| 79 | 9-2 | 33s,06 J | 42",7 J |

### 30319 P. — 41743 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 21h 20m | 41° 12' |
| 80 | 9-2 | 33s,40 G | 53",4 G |
| | 9-14 | 33,19 G | 53,4 G |

### 30320 P. — 12156 Hels-Gotha.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 21h 19m | 28° 10' |
| 52 | 11-20 | 50s,17 G | |

### 30321 P. — 41735-36 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 21h 20m | 47° 45' |
| 72 | 9-20 | 34s,34 M | 16",5 M |
| 74 | 9-17 | 34,42 M | 16,1 M |
| 75 | 8-23 | 34,41 M | 16,6 M |

### 30322 P. — 41693 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 21h 19m | 99° 23' |
| 58 | 9-5 | 46s,84 G | 34",3 G |
| | 9-9 | | 36,4 F |
| | III | 21h 20m | 99° 19' |
| 76 | 10-7 | 35s,00 M | 45",8 M |

### 30323 P. — 12160 Hels-Gotha.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 21h 20m | 25° 39' |
| 40 | 9-10 | | 56",4 F |

### 30324 P. — 41710 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 21h 19m | 71° 13' |
| 57 | 9-6 | 56s,46 G | 44",6 G |
| | 10-3 | 56,50 G | 44,5 G |
| 58 | 8-24 | 56,37 G | 44,8 G |

### 30325 P. — 41694 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 21h 19m | 99° 38' |
| 58 | 10-30 | | 11",5 G |
| 61 | 8-28 | 50s,17 G | |
| | 11-3 | 50,26 G | |
| | III. | 21h 20m | 99° 34' |
| 76 | 9-21 | 38s,40 M | 22",0 M |
| | 9-22 | 38,44 M | 22,0 M |
| | 10-6 | 38,48 M | 22,2 M |

### 30326 P. — 41731 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 21h 19m | 53° 59' |
| 39 | 8-21 | 27s,08 G | |
| 40 | 9-21 | | 59",4 F |
| 46 | 7-23 | 27,32 G | |
| | 8-23 | | 58,6 G |
| | 9-13 | 27,28 G | |
| | 9-14 | 27,15 G | |
| | 9-26 | | 58,1 G |
| | 10-1 | 27,23 G | |
| | 10-11 | 27,15 G | |
| 47 | 8-31 | 27,22 G | |
| | 9-30 | 27,29 G | |
| 48 | 8-5 | 27,36 G | |
| | 8-12 | | 59,8 G |
| | 8-29 | | 58,4 G |
| | 9-19[1] | 27,28 G | |
| 49 | 12-8 | 27,15 G | |
| 53 | 11-4 | 27,15 G | |

### 30326 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 21h 20m | 53° 56' |
| 66 | 9-1 | 3s,92 G | |
| | 9-5[2] | 2,96 G | |
| | 9-10[3] | 3,94 G | |
| | 9-20 | 3,76 G | |
| 67 | 8-27 | 3,92 G | 8",4 G |
| | III. | 21h 20m | 53° 52' |
| 68 | 10-7 | 40s,49 G | 18",6 G |
| 69 | 9-28 | 40,47 M | 18,5 M |

[1] 𝒜 diminuée de 1m.
[2] 𝒜 non comprise dans la moyenne : erreur probable de 1s.
[3] 𝒜 diminuée de 0s,50 : err. de moy.

### 30327 P. — 41698 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 21h 19m | 101° 50' |
| 40 | 9-29 | 6s,28 G | |
| | II. | 21h 19m | 101° 46' |
| 54 | 9-12 | | 6",2 G |
| | III. | 21h 20m | 101° 42' |
| 79 | 9-12 | 43s,94 J | 16",6 J |
| | 9-30 | 43,92 J | 17,4 J |

### 30328 P. — 41746 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 21h 19m | 43° 57' |
| 46 | 8-15 | | 17",7 G |
| 47 | 8-12 | 38s,39 G | |
| | 8-14 | 38,43 G | |
| | 8-16 | 38,38 G | |
| | 10-9 | | 17,3 G |
| | 10-11 | | 18,0 F |
| 50 | 8-31 | 38,49 G | 18,5 G |
| | 8-31[1] | | 17,3 F |
| | II. | 21h 20m | 43° 53' |
| 62 | 7-21 | 11s,38 G | |
| | 7-25 | 11,43 G | |
| | 7-27 | 11,29 G | |
| | 7-30 | 11,30 G | |
| | 7-31 | 11,24 G | |
| | 9-5 | 11,17 G | |
| 66 | 8-6 | 11,31 G | |
| | 8-10 | 11,47 G | |
| | 8-29 | 11,28 G | |
| | III. | 21h 20m | 43° 49' |
| 80 | 9-30 | 44s,25 G | 35",1 G |

[1] 𝒫 diminuée de 30" (1 tour de vis des microscopes).

### 30329 P. — 4585 A + 17°.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 21h 20m | 72° 3' |
| 59 | 7-17 | 3s,35 G | |

**30330 P. — 41682 et 712 L.**

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. Æ. | P. |
|---|---|---|
| II. | 21h 20m | 79° 56′ |
| 55 9-28 | 5s,56 G | 11",2 G |
| 57 10- 2 | 5,48 G | 11,8 G |
| 58 10- 5[1] | | 11,6 G |
| III. | 21h 20m | 79° 52′ |
| 79 8-26 | 49s,52 G | |
| 9- 1 | 49,24 G | 20",9 G |

[1] P augmentée de 2′.

**30331 P. — 41701 L.**

| Dates 1800+ A. M. J. | Æ. | P. |
|---|---|---|
| II. | 21h 20m | 104° 10′ |
| 54 9-21 | 2s,14 G | |
| 56 8- 4 | | 5",8 G |
| III. | 21h 20m | 104° 6′ |
| 78 9-28[1] | 51s,22 M | 15",7 M |

[1] P augmentée de 8",2 : la lecture au microm. est 20t — 4P,1 au lieu de 20t. 4P,1.

**30332 P. — 41702 et 04 L.**

| Dates 1800+ A. M. J. | Æ. | P. |
|---|---|---|
| II. | 21h 20m | 102° 16′ |
| 54 9- 7 | | 14",2 G |
| 9-26 | 2s,88 G | |
| 58 10-29 | | 10,6 F |
| III. | 21h 20m | 102° 12′ |
| 79 9-24 | 51s,79 J | 22",1 J |
| 9-26 | 51,92 J | 22,1 J |

**30333 P. — 41729 L.**

| Dates 1800+ A. M. J. | Æ. | P. |
|---|---|---|
| II. | 21h 20m | 69° 53′ |
| 56 9-20 | | 26",5 G |
| 58 10- 3 | 11s,44 G | 26,4 G |
| 10-12 | 11,21 G | |
| III. | 21h 20m | 69° 49′ |
| 71 8-19 | 52s,92 G | |
| 9- 9 | 52,92 G | |

**30334 P. — 41708 L.**

| Dates 1800+ A. M. J. | Æ. | P. |
|---|---|---|
| II. | 21h 20m | 89° 55′ |
| 58 9- 4[1] | | 31",3 G |
| 9-13 | | 34,5 F |
| 10- 2 | 7s,78 G | 30,3 G |
| III. | 21h 20m | 89° 51′ |
| 73 8-23 | 53s,97 M | 39",9 M |

P diminuée de 20" : erreur de réduct.

**30335 P. — 41706 L.**

| Dates 1800+ A. M. J. | Æ. | P. |
|---|---|---|
| II. | 21h 20m | 93° 22′ |
| 57 7-24 | 7s,11 G | |
| 58 9-27 | | 28",4 F |
| III. | 21h 20m | 93° 18′ |
| 76 10- 7 | 53s,99 G | 39",0 G |
| 10- 9 | 54,19 G | 39,6 G |
| 77 8-17 | 54,10 M | 39,0 M |

**30336 P. — 15478 Bonn.**

| Dates 1800+ A. M. J. | Æ. | P. |
|---|---|---|
| III. | 21h 20m | 49° 44′ |
| 79 8-20 | 58s,27 G | |

**30337 P. — 41718 L.**

| Dates 1800+ A. M. J. | Æ. | P. |
|---|---|---|
| II. | 21h 20m | 83° 41′ |
| 56 10- 5 | | 37",3 G |
| 61 8-17 | 13s,99 G | |
| 62 9-13 | 13,89 G | 38,2 G |
| 9-22 | 13,97 G | 38,6 G |

**30338 P. — 41724 L.**

| Dates 1800+ A. M. J. | Æ. | P. |
|---|---|---|
| II. | 21h 20m | 79° 37′ |
| 57 10-13 | 14s,92 G | 54",2 G |
| III. | 21h 20m | 79° 34′ |
| 71 8-12 | 58s,71 G | 4",5 G |
| 8-16 | 58,83 G | |

**30339 P. — 41732 L.**

| Dates 1800+ A. M. J. | Æ. | P. |
|---|---|---|
| II. | 21h 20m | 66° 18′ |
| 58 8-28 | 20s,12 G | 39",4 G |
| 9-14 | 20,15 G | 40,5 G |
| 9-17 | 20,18 G | 37,9 G |
| 10- 4 | 20,07 G | 40,2 G |
| 10-15 | 19,92 G | |

**30340 P. — 41723 L.**

| Dates 1800+ A. M. J. | Æ. | P. |
|---|---|---|
| II. | 21h 20m | 85° 12′ |
| 57 8-13 | 17s,60 G | 42",6 G |
| 9-24 | | 44,9 G |
| 61 9- 7 | 17,48 G | 45,0 G |

**30341 P. — 41715 L.**

| Dates 1800+ A. M. J. | Æ. | P. |
|---|---|---|
| II. | 21h 20m | 89° 33′ |
| 57 8- 2 | 16s,66 G | 56",6 G |
| 58 10-29 | 16,59 G | |
| 59 9- 3 | | 56,6 G |

**30342 P. — 41705 L.**

| Dates 1800+ A. M. J. | Æ. | P. |
|---|---|---|
| II. | 21h 20m | 104° 2′ |
| 57 9- 9 | | 18",5 G |
| III. | 21h 21m | 103° 58′ |
| 78 9- 2 | 5s,02 M | 26",1 M |
| 9-16 | 4,97 M | 28,3 M |

**30343 P. — 41703 L.**

| Dates 1800+ A. M. J. | Æ. | P. |
|---|---|---|
| II. | 21h 20m | 112° 19′ |
| 55 9-23 | 13s,87 G | 18",0 G |
| III. | 21h 21m | 112° 15′ |
| 81 9-28 | 5s,39 M | 35",0 M |
| 9-29 | 5,27 M | 34,2 M |

**30344 P. — 41709 L.**

| Dates 1800+ A. M. J. | Æ. | P. |
|---|---|---|
| II. | 21h 20m | 104° 18′ |
| 57 8-12 | 21s,16 G | 6",2 G |
| 60 9-12 | 21,01 G | 8,1 G |
| 61 10-12 | 21,10 G | 6,7 G |

**30345 P. — 41734 L.**

| Dates 1800+ A. M. J. | Æ. | P. |
|---|---|---|
| II. | 21h 20m | 74° 28′ |
| 56 9- 3 | | 37",9 G |
| 58 8-26 | | 39,2 G |
| 59 8-29 | 30s,43 G | 39,1 G |
| 61 10-26 | 30,57 G | 40,8 G |

**30346 P. — 41749 L.**

| Dates 1800+ A. M. J. | Æ. | P. |
|---|---|---|
| II. | 21h 20m | 57° 0′ |
| 67 9- 4 | 38s,88 G | 58",1 G |
| III. | 21h 21m | 56° 57′ |
| 69 10- 9 | 16s,52 M | 9",0 M |

**30347 P. — 41739 L.**

| Dates 1800+ A. M. J. | Æ. | P. |
|---|---|---|
| II. | 21h 20m | 74° 25′ |
| 56 9-19 | | 38",8 G |
| 61 10-26 | 39s,53 G | |
| III. | 21h 21m | 74° 21′ |
| 71 8-13 | 21s,81 G | |
| 9- 2 | 21,91 G | 47",3 G |
| 9-12 | 21,99 G | |
| 9-14 | 21,96 G | |

**30348 P. — 41720 L.**

| Dates 1800+ A. M. J. | Æ. | P. |
|---|---|---|
| II. | 21h 20m | 102° 22′ |
| 54 9-22 | 34s,04 G | |
| 61 10- 4 | | 17",9 G |
| 10-24 | 34,47 G | 18,2 G |
| 62 8-13 | 34,25 G | 17,7 G |

**30349 P. — 41716 L.**

| Dates 1800+ A. M. J. | Æ. | P. |
|---|---|---|
| I. | 21h 19m | 107° 55′ |
| 41 10-19 | 43s,86 G | |
| 10-20 | 43,99 G | |

**30350 P. — 488 $W_2$.**

| Dates 1800+ A. M. J. | Æ. | P. |
|---|---|---|
| II. | 21h 20m | 63° 14′ |
| 59 7-28[1] | 45s,14 G | 50",1 G |

[1] P diminuée de 1′ : erreur de réduct.

**30351 P. — 9186 Rümker.**

| Dates 1800+ A. M. J. | Æ. | P. |
|---|---|---|
| I. | 21h 19m | 96° 17′ |
| 44 7-22 | | 26",7 G |
| 9- 1 | 52s,08 G | |

**30352 P. — 41741 L.**

| Dates 1800+ A. M. J. | Æ. | P. |
|---|---|---|
| II. | 21h 20m | 74° 15′ |
| 58 8-11 | 45s,17 G | 43",0 G |
| 61 9-25 | 45,26 G | 44,3 G |
| 10-20 | 45,01 G | |
| 62 9-15 | 45,05 G | |
| 67 9- 4 | 45,40 M | 43,6 M |

**30353 P. — 41725-26 L.**

| Dates 1800+ A. M. J. | Æ. | P. |
|---|---|---|
| I. | 21h 19m | 102° 14′ |
| 41 8-27[1] | 49s,96 G | |

[1] Désignée à tort comme 143 Piazzi. Le registre porte ★ $h = 28^{\circ}58$.

**30354 P. — 4547 A + 21°.**

| Dates 1800+ A. M. J. | Æ. | P. |
|---|---|---|
| II. | 21h 20m | 68° 51′ |
| 59 8-16 | 47s,21 G | |

**30355 P. — 5 Poisson austr.**

| Dates 1800+ A. M. J. | Æ. | P. |
|---|---|---|
| I. | 21h 19m | 121° 54′ |
| 48 9- 4 | | 34",8 G |
| 9- 8 | 46s,89 G | |
| 49 9- 8 | 47,30 G | |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (ℛ. — 𝔇.)

**30356 P. — 41721 L.**

| A. | M. J. | ℛ. | 𝔇. |
|---|---|---|---|
| | I. | 21h19m | 112°28' |
| 37 | 8- 8 | 52s,60 G | 43",4 F |
| | 8-10 | 52,44 G | |
| | 9- 9 | 52,55 G | |
| | 10- 3 | 52,49 G | |
| | 10- 4 | 52,45 G | |
| | 10- 9 | 52,59 G | 43,8 F |
| 39 | 8-23 | 52,49 G | 40,8 F |
| 40 | 10- 8 | 52,47 G | |
| | 12- 1 | 52,59 G | |
| 41 | 8-20 | 52,53 G | 43,2 F |
| 46 | 8-10 | 52,68 G | |
| 49 | 9-21 | 52,52 G | |
| | 11-28 | 52,68 G | |
| | II. | 21h20m | 112°24' |
| 54 | 8-20 | 44s,14 G | |

**30357 P. — 3311 A + 46°.**

| A. | M. J. | ℛ. | 𝔇. |
|---|---|---|---|
| | III. | 21h21m | 43°14' |
| 80 | 8-31 | 38s,49 G | |

**30358 P. — 41766 L.**

| A. | M. J. | ℛ. | 𝔇. |
|---|---|---|---|
| | II. | 21h21m | 47°29' |
| 66 | 8-22 | 4s,45 G | |
| 67 | 10- 2 | 4,53 M | 3",6 M |
| | III. | 21h21m | 47°25' |
| 79 | 9-10 | 38s,79 G | 12",1 G |
| | 9-11 | 38,76 G | 12,0 G |

**30359 P. — 41764 L.**

| A. | M. J. | ℛ. | 𝔇. |
|---|---|---|---|
| | II. | 21h21m | 49°52' |
| 67 | 8- 5 | 6s,67 G | 0",1 G |
| | III. | 21h21m | 49°48' |
| 80 | 8-13[1] | 42s,07 M | 7",1 M |

[1] 𝔇 diminuée de 9",5 : erreur de moy.

**30360 P. — 41742 L.**

| A. | M. J. | ℛ. | 𝔇. |
|---|---|---|---|
| | II. | 21h20m | 87°25' |
| 55 | 11- 2 | 57s,95 G | |
| 56 | 10-25 | | 30",3 G |
| 59 | 8-23 | | 31,7 G |
| | III. | 21h21m | 87°21' |
| 71 | 9- 5 | 43s,40 M | 39",3 M |

**30361 P. — 41737 et 40 L.**

| A. | M. J. | ℛ. | 𝔇. |
|---|---|---|---|
| | II. | 21h21m | 93°13' |
| 55 | 9-20[1] | 2s,74 G | |
| 56 | 8-24 | | 1",5 G |
| 58 | 7-30 | | 1,3 G |
| | III. | 21h21m | 93°9' |
| 78 | 9-27 | 49s,38 G | 11",4 G |
| 79 | 8-26 | 49,42 J | 10,6 J |

[1] ℛ augm. de 1m : err. de transcription.

**30362 P. — 41744-45 L.**

| A. | M. J. | ℛ. | 𝔇. |
|---|---|---|---|
| | II. | 21h21m | 93°29' |
| 55 | 8-23 | 4s,75 G | 30",9 G |
| 56 | 7-28 | | 29,7 G |
| 57 | 8-10 | 4,70 G | |
| | 8-11 | 4,59 G | |
| 58 | 8-17 | 4,69 G | 31,4 G |
| | III. | 21h21m | 93°25' |
| 77 | 9- 4 | 51s,60 G | 40",9 G |
| 78 | 9-24 | 51,66 G | 39,3 G |
| | 9-26 | 51,63 G | |

**30363 P. — 22264-65 A. O.**

| A. | M. J. | ℛ. | 𝔇. |
|---|---|---|---|
| | III. | 21h21m | 43°49' |
| 80 | 9- 3 | 55s,08 G | 52",1 G |

**30364 P. — 41751 L.**

| A. | M. J. | ℛ. | 𝔇. |
|---|---|---|---|
| | II. | 21h21m | 84°3' |
| 57 | 10-15 | 11s,41 G | 34",0 G |
| | III. | 21h21m | 83°59' |
| 71 | 9- 9 | 56s,13 M | 42",3 M |

**30365 P. — 41771 L.**

| A. | M. J. | ℛ. | 𝔇. |
|---|---|---|---|
| | II. | 21h21m | 50°56' |
| 59 | 11-23 | | 52",8 G |
| 61 | 10-28 | | 53,1 G |
| 62 | 9-16 | 21s,89 G | 51,9 G |
| | III. | 21h21m | 50°53' |
| 74 | 8-19 | 57s,51 M | 0",2 M |
| | 8-26 | 57,44 M | 1,3 M |

**30366 P. — 41773 L.**

| A. | M. J. | ℛ. | 𝔇. |
|---|---|---|---|
| | III. | 21h21m | 47°5' |
| 80 | 10- 1 | 59s,84 G | 7",4 G |
| 81 | 9-29 | 60,01 G | 7,3 G |
| | 10- 5 | 60,11 G | 8,2 G |

**30367 P. — 41761-62 L.**

| A. | M. J. | ℛ. | 𝔇. |
|---|---|---|---|
| | II. | 21h21m | 62°43' |
| 58 | 8- 8 | 21s,48 G | 57",4 G |
| | III. | 21h22m | 62°40' |
| 71 | 8-26 | 1s,06 M | 6",2 M |
| | 8-26 | 0,71 G | 4,1 G |
| | 10-14 | 0,78 G | |
| 75 | 8-27 | 0,93 G | 4,3 G |

**30368 P. — 41780 L.**

| A. | M. J. | ℛ. | 𝔇. |
|---|---|---|---|
| | II. | 21h21m | 46°47' |
| 67 | 9-11 | 27s,90 M | 35",9 M |
| | III. | 21h22m | 46°43' |
| 81 | 9-30 | 1s,91 M | 44",4 M |

**30369 P. — 41772 L.**

| A. | M. J. | ℛ. | 𝔇. |
|---|---|---|---|
| | III. | 21h22m | 53°36' |
| 74 | 8-20 | 2s,38 M | 56",1 M |
| | 8-22 | 2,38 M | 56,4 M |

**30370 P. — 41747 L.**

| A. | M. J. | ℛ. | 𝔇. |
|---|---|---|---|
| | II. | 21h21m | 99°32' |
| 56 | 8- 2 | 14s,79 G | |
| 58 | 8-20 | 14,97 G | |
| | 9-11 | | 54",3 F |
| 60 | 10-17 | 14,97 G | |
| 61 | 8-28 | 14,68 G | |
| | 9-26 | 14,97 G | |

**30371 P. — 41758-59 L.**

| A. | M. J. | ℛ. | 𝔇. |
|---|---|---|---|
| | II. | 21h21m | 68°52' |
| 58 | 8- 6 | 23s,56 G | |
| | 8- 7 | 23,55 G | |
| | 8-31 | 23,88 G | 19",7 G |
| | 11- 7 | | 20,3 G |
| 59 | 10- 2 | 23,49 G | |
| 60 | 9-29 | 23,62 G | 20,6 G |
| 61 | 10-15 | 23,67 G | 20,8 G |
| 62 | 8- 5 | 23,75 G | 20,9 G |
| | 8-12 | 23,64 G | 20,2 G |
| | III. | 21h22m | 68°48' |
| 71 | 8-29 | 4s,90 M | 29",0 M |
| | 9-17 | 4,81 G | 26,8 G |
| | 10-12 | 4,65 G | |

**30372 P. — 41752-53 L.**

| A. | M. J. | ℛ. | 𝔇. |
|---|---|---|---|
| | II. | 21h21m | 79°59' |
| 56 | 9-26 | 21s,62 G | |
| | 10-18 | | 51",8 G |
| 57 | 10- 2 | 21,54 G | 52,2 G |

**30372 P. (suite).**

| A. | M. J. | ℛ. | 𝔇. |
|---|---|---|---|
| | III. | 21h22m | 79°55' |
| 81 | 8-24 | 5s,65 J | 60",3 J |
| | 9- 4 | 5,94 J | 59,1 J |

**30373 P. — 41767, 69 et 70 L.**

| A. | M. J. | ℛ. | 𝔇. |
|---|---|---|---|
| | I. | 21h20m | 63°3' |
| 46 | 8-14 | 50s,42 G | |
| | 9-16 | 50,38 G | |
| | 10-27 | 50,28 G | |
| | 11- 9[1] | 50,28 G | |
| 48 | 9-29 | 50,22 G | |
| 49 | 8-15 | 50,27 G | |
| | 8-19 | 50,48 G | |
| | 8-21 | 50,29 G | |
| | 8-25 | 50,27 G | |
| | 8-26 | 50,28 G | |
| | 8-27 | 50,18 G | |
| 50 | 8-12 | | 48",1 G |
| | 8-14 | 50,30 G | |
| | II. | 21h21m | 62°59' |
| 58 | 8-10 | 29s,95 G | |
| | 9- 6 | 29,90 G | 57",0 G |
| | 9-16 | 29,82 G | 58,1 G |
| 59 | 9- 1 | 29,99 G | |
| 60 | 9- 9 | | 58,0 G |
| | 9-11 | 30,22 G | 57,5 G |
| 62 | 8- 6 | | 56,0 G |
| | III. | 21h22m | 62°56' |
| 71 | 9-18 | 9s,36 G | 5",3 G |
| | 10-23 | 9,45 G | |
| 74 | 9-14 | 9,44 M | 4,6 M |
| 75 | 9- 4 | 9,40 M | 4,8 M |
| | 9- 6 | 9,53 M | 5,3 M |
| | 9-14 | 9,50 M | 4,8 M |

[1] ℛ diminuée de 1m.

**30374 P. — 41750 L.**

| A. | M. J. | ℛ. | 𝔇. |
|---|---|---|---|
| | II. | 21h21m | 99°35' |
| 55 | 9-26 | 23s,27 G | |
| 56 | 8- 2 | 23,16 G | |
| 57 | 10-22 | | 51",9 G |
| 58 | 8-20 | 23,33 G | 51,1 G |
| | 8-27[1] | | 56,2 F |
| 59 | 10- 5 | | 51,7 G |
| 60 | 10-17 | 23,26 G | 51,9 G |
| 61 | 8-28 | 22,90 G | |
| | 9-26 | | 50,3 G |
| | III. | 21h22m | 99°31' |
| 69 | 8-24 | 11s,55 M | 59",5 M |
| | 8-27 | 11,42 M | 61,0 M |

[1] 𝔇 non comprise dans la moyenne.

**30375 P. — 41748 L.**

| A. | M. J. | ℛ. | 𝔇. |
|---|---|---|---|
| | II. | 21h21m | 104°24' |
| 54 | 9-27 | 24s,46 G | 19",3 G |

| Dates 1800 + A. | M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|---|

**30375 P. (suite).**

III.

| A. | M. J. | 21h22m | 104°20′ |
|---|---|---|---|
| 78 | 8-24 | 13s,84 G | 27″,8 G |

**30376 P. — 28513 $Mn_1$.**

I.

| A. | M. J. | 21h20m | 80°43′ |
|---|---|---|---|
| 40 | 8-20 | | 10″,7 F |

**30377 P. — 41784 L.**

III.

| A. | M. J. | 21h22m | 47°18′ |
|---|---|---|---|
| 80 | 10-18 | 14s,55 G | 39″,1 G |

**30378 P. — 41756 L.**

II.

| A. | M. J. | 21h21m | 82°24′ |
|---|---|---|---|
| 56 | 8-29 | | 40″,8 G |
| | 8-31 | | 39,7 G |
| | 9- 5 | 30s,75 G | 40,6 G |
| | 9- 6 | 30,64 G | |

**30379 P. — 41782 L.**

I.

| A. | M. J. | 21h21m | 53°33′ |
|---|---|---|---|
| 40 | 9-12 | | 15″,5 F |

II.

| A. | M. J. | 21h21m | 53°29′ |
|---|---|---|---|
| 63 | 7-31 | 39s,06 G | |
| | 8- 1 | 39,08 G | |
| | 8- 7[1] | 38,06 G | |
| | 8-12 | 39,02 G | |
| | 8-14 | 38,89 G | |
| | 8-25 | 38,87 G | |
| | 8-31 | 38,99 G | |
| | 9- 1 | 38,92 M | |
| | 9-11 | 38,95 G | |
| | 9-12 | 38,85 G | |
| | 9-15 | 38,77 G | |
| | 9-18 | 38,93 G | |
| | 9-19 | 38,95 G | |
| | 9-27 | 38,78 G | |
| 64 | 8- 3 | 39,02 G | |
| | 8- 6 | 38,88 G | |
| | 8- 8 | 38,90 G | |
| | 8-27 | 38,90 G | |
| | 8-28 | 38,98 G | |
| | 8-29 | 38,99 G | |
| | 9- 5 | 38,97 G | |
| | 9- 9 | 38,96 G | |
| | 9-17 | 38,90 G | |
| | 9-22 | 38,85 G | |
| | 9-23 | 39,01 G | |
| | 9-26 | 38,88 G | |
| | 9-29 | 38,97 G | |
| | 9-30 | 38,83 G | |
| | 10- 1 | 39,02 G | |
| | 10-17 | 38,95 G | |
| 65 | 8-26 | | 24″,4 G |
| | 8-30 | | 24,5 G |
| | 9- 1 | 38,98 M | |
| | 9- 7 | 39,04 G | |

**30379 P. (suite).**

II.

| A. | M. J. | 21h21m | 53°29′ |
|---|---|---|---|
| 65 | 9- 8 | 38s,82 G | |
| | 9-15 | | 24″,5 G |
| | 9-16 | | 23,0 G |
| | 9-18 | | 25,0 G |
| | 10- 5 | 38,86 G | |
| 67 | 9-11 | | 24,6 G |

III.

| A. | M. J. | 21h22m | 53°25′ |
|---|---|---|---|
| 72 | 7-20 | 15s,33 G | |
| | 9- 1 | 15,41 G | |
| 79 | 10- 3 | 15,60 G | 33″,8 G |
| 80 | 8-10 | 15,53 M | 33,1 M |
| | 9- 5 | 15,44 M | 32,4 M |
| | 10- 4[2] | 15,49 G | 31,2 G |

[1] 𝒜 non comprise dans la moyenne : erreur probable de 1s.

[2] 𝒜 augmentée de 0s,60 . erreur de 1s sur trois fils.

**30380 P. — 485 $W_1$.**

II.

| A. | M. J. | 21h21m | 100°44′ |
|---|---|---|---|
| 65 | 9-29 | 27s,42 M | 37″,5 M |

**30381 P. — 41775 L.**

II.

| A. | M. J. | 21h21m | 65°59′ |
|---|---|---|---|
| 58 | 10-16 | 43s,40 G | 36″,1 G |
| 61 | 9-19 | | 36,4 G |
| | 10- 2 | 43,40 G | 35,3 G |

**30382 P. — 41797 L.**

II.

| A. | M. J. | 21h21m | 41°46′ |
|---|---|---|---|
| 67 | 10- 4 | 53s,68 M | 20″,1 M |

III.

| A. | M. J. | 21h22m | 41°42′ |
|---|---|---|---|
| 81 | 10- 4 | 25s,19 M | 27″,6 M |

**30383 P. — 520 $W_2$.**

II.

| A. | M. J. | 21h21m | 63°1′ |
|---|---|---|---|
| 58 | 9-16 | 59s,53 G | |
| 60 | 9-11 | 59,60 G | |

**30384 P. — 519 $W_2$.**

II.

| A. | M. J. | 21h22m | 65°58′ |
|---|---|---|---|
| 58 | 10-16 | 0s,47 G | |
| 61 | 9-19 | | 23″,9 G |

**30385 P. — 41757 L.**

II.

| A. | M. J. | 21h21m | 102°41′ |
|---|---|---|---|
| 54 | 8-24 | 52s,53 G | |
| | 8-25 | 52,68 G | |
| 58 | 8-27 | | 15″,4 G |

III.

| A. | M. J. | 21h22m | 102°37′ |
|---|---|---|---|
| 78 | 8-24 | 41s,70 M | 23″,3 M |
| | 8-26 | 41,82 M | 25,0 M |

**30386 P. — 41774 L.**

II.

| A. | M. J. | 21h21m | 82°51′ |
|---|---|---|---|
| 57 | -27 | 57s,67 G | |

III.

| A. | M. J. | 21h22m | 82°47′ |
|---|---|---|---|
| 71 | 9- 4 | 42s,21 M | 13″,6 M |
| | 9-12 | 42,16 M | 13,5 M |

**30387 P. — 41789 L.**

II.

| A. | M. J. | 21h22m | 55°11′ |
|---|---|---|---|
| 67 | 8-23 | 5s,42 G | 57″,4 G |

III.

| A. | M. J. | 21h22m | 55°8′ |
|---|---|---|---|
| 79 | 9-10 | 42s,97 J | 3″,9 J |
| | 9-11 | 42,81 J | 4,6 J |

**30388 P. — 28537 $Mn_1$.**

II.

| A. | M. J. | 21h22m | 79°29′ |
|---|---|---|---|
| 58 | 8-16 | 0s,76 G | |

**30389 P. — 522 $W_2$.**

II.

| A. | M. J. | 21h22m | 65°55′ |
|---|---|---|---|
| 61 | 9-19 | | 38″,9 G |

**30390 P. — 41776-77 L.**

II.

| A. | M. J. | 21h22m. | 79°31′ |
|---|---|---|---|
| 56 | 9- 8 | | 29″,0 G |
| | 9-14 | 3s,62 G | 29,2 G |
| 58 | 8-16 | 3,82 G | 29,2 G |
| | 10- 9 | | 28,5 G |

**30391 P. — 41787 L.**

III.

| A. | M. J. | 21h22m | 58°19′ |
|---|---|---|---|
| 80 | 9- 1 | 47s,78 J | 15″,1 J |
| | 9- 8 | 47,84 J | 15,8 J |

**30392 P. — 41760 L.**

II.

| A. | M. J. | 21h21m | 104°38 |
|---|---|---|---|
| 54 | 8-26 | 59s,86 G | |
| 60 | 10- 6 | 59,95 G | |
| | 10- 9 | 60,11 G | |

III.

| A. | M. J. | 21h22m | 104°34′ |
|---|---|---|---|
| 78 | 9-19 | 49s,45 M | 12″,7 M |
| | 9-27 | 49,40 M | 11,8 M |

**30393 P. — 41809 L.**

III.

| A. | M. J. | 21h22m | 44°7′ |
|---|---|---|---|
| 81 | 10- 1 | 55s,20 G | 36″,5 G |

**30394 P. — 41765 L.**

I.

| A. | M. J. | 21h21m | 109°49′ |
|---|---|---|---|
| 39 | 9- 7 | | 13″,3 F |
| | 9-18 | 17s,14 G | |

II.

| A. | M. J. | 21h22m | 109°45′ |
|---|---|---|---|
| 57 | 7-11 | 7s,85 G | |
| 58 | 8- 5 | | 22″,4 G |
| 59 | 10-17 | | 22,8 G |
| | 10-22 | | 22,9 G |
| | 10-26 | | 24,1 G |

III.

| A. | M. J. | 21h22m | 109°41′ |
|---|---|---|---|
| 79 | 10- 3 | 58s,49 J | 32″,0 J |
| | 10- 6 | 58,44 J | 31,6 J |

**30395 P. — 41786 L.**

II.

| A. | M. J. | 21h22m | 73°16′ |
|---|---|---|---|
| 58 | 9- 8 | | 20″,1 F |

III.

| A. | M. J. | 21h23m | 73°12′ |
|---|---|---|---|
| 71 | 8-27 | 4s,74 G | 25″,2 G |
| | 9- 3 | 4,63 G | 24,6 G |
| | 9-15[1] | 4,70 G | 25,8 M |
| | 9-15 | 4,87 G | 25,0 G |

[1] 𝒫 augmentée de 1′.

**30396 P. — 41796 L.**

II.

| A. | M. J. | 21h22m | 65°56′ |
|---|---|---|---|
| 58 | 11- 1 | | 22″,0 G |
| 59 | 8-12 | 24s,48 G | 22,8 G |
| 61 | 9- 1 | 24,64 G | |
| | 9-19 | | 22,8 G |

III.

| A. | M. J. | 21h23m | 65°52′ |
|---|---|---|---|
| 79 | 9- 8 | 4s,90 G | 29″,3 G |

Dates 1800 + | Positions moyennes pour les époques du Catal.

**30397 P. — 505 W$_1$.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h22^m$ | 85°12′ |
| 57 9-24 | | 5″,8 G |

**30398 P. — 41814 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h22^m$ | 64°41′ |
| 59 9-23 | 27$^s$,72 G | |
| 9-24 | 27,77 G | 13″,4 G |
| | III | |
| | $21^h23^m$ | 64°37′ |
| 81 9-19 | 7$^s$,78 M | 21″,9 M |

**30399 P. — 41791 et 824 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h22^m$ | 72°42′ |
| 58 8- 3 | 26$^s$,64 G | 12″,3 G |
| 8-24 | 26,83 G | 12,5 G |
| 10- 8 | | 12,0 G |

**30400 P. — 41768 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $21^h21^m$ | 115°52′ |
| 39 9-11 [1] | | 5″,2 F |
| | II. | |
| | $21^h22^m$ | 115°48′ |
| 58 10-31 | 20$^s$,48 G | 13″,3 G |
| | III. | |
| | $21^h23^m$ | 115°44′ |
| 79 9- 2 | 12$^s$,64 J | 21″,5 J |

[1] 𝒟 diminuée de 30″ (1 tour de vis des microscopes).

**30401 P. — 41799-800 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h22^m$ | 68°25′ |
| 58 8-31 [1] | 36$^s$,02 G | |
| | III. | |
| | $21^h23^m$ | 68°21′ |
| 79 9- 1 | 17$^s$,06 G | 54″,6 G |
| 9-26 | 17,45 G | 58,0 G |

[1] 𝒜 augmentée de 0$^s$,20 : erreur de moy.

**30402 P. — 41790 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h22^m$ | 84°1′ |
| 58 11- 4 | | 42″,2 G |
| | III. | |
| | $21^h23^m$ | 83°57′ |
| 71 9-16 | 21$^s$,76 M | 50″,3 M |
| 9-19 | 21,76 M | 50,9 M |

**30403 P. — 41781 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h22^m$ | 106°54′ |
| 54 8-28 | 32$^s$,40 G | |
| 56 8- 1 | | 56″,0 G |
| | III. | |
| | $21^h23^m$ | 106°51′ |
| 78 9-29 | 22$^s$,30 M | 4″,5 M |
| 10- 2 | 22,31 M | 3,7 M |

**30404 P. — 514 W$_1$.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $21^h21^m$ | 83°47′ |
| 40 8-20 | | 39″,7 F |

**30405 P. — 41813 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $21^h23^m$ | 58°14′ |
| 69 9-25 | 27$^s$,77 M | 3″,3 M |
| 74 9-14 | 27,75 G | 1,2 G |

**30406 P. — 2832 Br.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $21^h25^m$ | 6°24′ |
| 53 1-24 I | 44$^s$,01 G | |
| 10-21 | 44,87 G | |
| 10-22 | 44,66 G | |
| 10-27 | 45,33 G | |

**30407 P. — 41792 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h22^m$ | 89°0′ |
| 56 8-26 | 44$^s$,05 G | 16″,2 G |
| | III. | |
| | $21^h23^m$ | 88°56′ |
| 73 8-23 | 29$^s$,92 M | 23″,8 M |
| 74 7-30 | 30,09 M | 23,3 M |
| 9-15 | 30,17 M | 23,6 M |
| 75 8-23 | 30,18 M | 24,3 M |
| 10-12 | 29,96 M | 24,9 M |

**30408 P. — 517 W$_1$.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $21^h22^m$ | 96°9′ |
| 48 10-26 | 2$^s$,16 G | |
| | II. | |
| | $21^h22^m$ | 96°5′ |
| 57 10-20 | 49$^s$,31 G | |
| 61 8-14 | 49,64 G | |

**30409 P. — 41817 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h22^m$ | 58°3′ |
| 67 8-31 | 59$^s$,69 G | 41″,1 G |

**30409 P. (suite).**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $21^h23^m$ | 57°59′ |
| 69 10- 1 | 37$^s$,95 M | 49″,6 M |

**30410 P. — 41785 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h22^m$ | 105°2′ |
| 54 9- 4 | 49$^s$,67 G | |
| 58 9-11 | | 14″,1 G |
| | III. | |
| | $21^h23^m$ | 104°58′ |
| 78 9-10 | 39$^s$,40 M | 21″,7 M |
| 9-24 | 39,53 M | 22,2 M |

**30411 P. — 41805-06 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $21^h23^m$ | 76°37′ |
| 71 8-12 | 40$^s$,68 G | 4″,5 G |
| 9- 9 | 40,71 G | |

**30412 P. — 41802 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h23^m$ | 92°8′ |
| 56 7-26 | | 43″,2 G |
| 57 9-15 | | 43,5 G |
| | III. | |
| | $21^h23^m$ | 92°4′ |
| 76 8-16 | 46$^s$,50 G | 50″,8 G |
| 10- 9 | 46,43 G | 50,9 G |

**30413 P. — 41811 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h23^m$ | 74°24′ |
| 58 8-11 | 6$^s$,13 G | 45″,3 G |
| 61 10-24 | 6,25 G | 45,4 G |

**30414 P. — 41794-95 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $21^h22^m$ | 104°57′ |
| 39 8-24 | 10$^s$,52 G | |
| 8-27 | 10,65 G | |
| 8-28 | 10,60 G | |
| 9-11 | | 59″,2 F |
| 43 9-23 | 10,44 G | |
| | II. | |
| | $21^h22^m$ | 104°54′ |
| 54 9-20 [1] | 59$^s$,92 G | 1″,9 G |
| | III. | |
| | $21^h23^m$ | 104°50′ |
| 79 9- 8 | 49$^s$,30 J | 13″,5 J |

[1] 𝒟 non inscrite au Catalogue.

**30415 P. — 550 W$_2$.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h23^m$ | 65°56′ |
| 61 9-19 | | 3″,3 G |

**30416 P. — 41861 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h23^m$ | 42°10′ |
| 67 9-12 | 23$^s$,89 M | 29″,0 M |
| | III. | |
| | $21^h23^m$ | 42°6′ |
| 72 9-17 | 56$^s$,34 M | 36″,7 M |

**30417 P. — 41818 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h23^m$ | 78°20′ |
| 59 8-13 | | 7″,7 G |
| 61 10- 4 | | 8,7 G |
| 10-26 | 23$^s$,84 G | 8,4 G |
| | III. | |
| | $21^h24^m$ | 78°16′ |
| 71 8-19 | 7$^s$,06 G | |
| 9- 5 | 7,08 G | |

**30418 P. — 41857 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h23^m$ | 50°18′ |
| 59 11-23 | | 27″,3 G |
| | III. | |
| | $21^h24^m$ | 50°14′ |
| 69 9-17 | 7$^s$,14 M | 33″,2 M |
| 75 8-16 | 7,09 M | 32,3 M |

**30419 P. — 7504 B.A.C.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $21^h29^m$ | 3°36′ |
| 53 10-27 | 21$^s$,75 G | |
| | II. | |
| | $21^h26^m$ | 3°32′ |
| 63 4-13 I | 48$^s$,99 G | |
| 4-23 I | 49,23 G | |
| 9-15 | 49,93 G | |
| 9-26 | 48,79 G | |
| 64 3-19 I | 49,88 G | |
| 3-23 I | 51,86 G | |
| 3-24 I | 50,77 G | |
| 3-25 I | 51,00 G | |
| 9- 5 | 50,68 G | |
| 9- 9 | 51,44 G | |
| 9-12 | 50,43 G | |
| 9-17 | 49,68 G | |
| 9-23 | 51,63 G | |
| 65 10- 5 | 48,85 G | |
| 10- 6 | 48,89 G | |

**30419 P. (suite).**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $21^h24^m$ | 3°28′ |
| 69 | 2-20 I | $10^s,75$ G | $63'',2$ G |
| | 2-26 I | 10,01 G | 61,4 G |
| | 3- 3 I | 10,82 G | |
| | 3-19 I | 11,42 G | |
| | 3-25 I | 11,91 G | |
| | 4- 5 I | 12,98 G | |
| 73 | 3-13 I | | 62,0 G |
| | 3-21 I | 11,30 G | |
| 78 | 9- 5 | | 59,2 J |
| | 9- 6 | | 61,8 J |
| | 9- 9 | | 62,8 J |
| | 10- 4 | 13,62 J | |
| 79 | 3-13 I | | 60,2 G |
| | 3-26 I | | 61,1 G |
| | 3-28 I | | 61,8 J |
| | 9-24 | | 63,8 G |
| | 9-25 | | 63,3 G |
| | 9-27 | | 62,8 J |
| | 9-28 | | 61,6 G |
| | 10- 4 | | 61,0 J |
| 80 | 3-17 I | 13,50 M | |
| | 3-22 I[1] | | 63,4 G |
| | 3-23 I | 12,36 M | |
| | 3-24 I | 12,96 M | 62,5 M |
| | 3-24 I | 13,20 G | 61,7 G |
| | 3-24 I | 11,65 J | 62,7 J |
| | 3-25 I | 13,46 G | 62,5 G |
| | 3-26 I | | 61,1 G |
| | 4- 1 I | 13,11 G | 59,4 G |
| | 6-26 | 11,27 G | |
| | 8-23 | | 61,5 J |
| | 8-26 | | 61,6 J |
| | 8-27 | 12,37 M | |
| | 8-27 | | 61,4 J |
| | 8-31 | | 62,7 J |
| | 9- 1 | | 62,0 M |
| | 9- 2 | | 62,2 J |
| | 9- 5 | | 63,1 J |
| | 9- 6 | | 62,0 M |
| | 9- 8 | | 60,4 G |
| | 9- 9 | | 63,6 J |
| | 9-13 | | 60,0 M |
| | 9-13 | | 61,8 G |
| | 9-13 | | 62,7 J |
| | 9-15 | | 58,4 M |
| | 9-15 | | 62,4 J |
| | 9-20 | | 62,2 M |
| | 9-22 | | 61,0 M |
| | 9-24 | | 61,3 M |
| | 9-26 | | 62,0 G |
| | 9-27 | | 60,7 M |
| | 9-27 | | 62,0 G |
| | 9-27 | | 62,4 J |
| | 9-29 | | 62,6 G |
| | 9-29 | | 63,2 J |
| | 9-30[2] | | 61,6 M |
| | 9-30 | | 61,8 J |
| | 10- 1 | | 58,4 M |
| | 10- 1 | | 63,0 J |
| | 10- 4[2] | | 57,3 M |
| | 10-11 | | 59,7 M |
| | 10-11 | | 62,7 J |
| | 10-30 | 12,84 G | |
| 81 | 2-15 I | 12,03 M | 62,0 M |
| | 2-15 I | | 61,5 G |
| | 2-17 I | 14,13 M | 61,6 M |
| | 2-17 I | | 60,2 G |
| | 2-19 I | 14,20 M | 63,7 M |
| | 2-23 I | 14,79 M | 62,0 M |
| | 2-28 I | 13,87 M | 61,8 M |
| | 3- 2 I | 12,80 M | 62,0 M |
| | 3- 2 I | | 61,0 G |
| | 3-15 I | 13,01 M | 63,3 M |
| | 3-15 I | 12,22 G | 63,9 G |
| 81 | 3-16 I | $13^s,31$ M | $62'',8$ M |
| | 3-17 I | 13,93 M | 63,0 M |
| | 3-18 I | 14,79 M | 63,7 M |
| | 3-19 I | 13,92 M | 64,1 M |
| | 3-21 I | 13,63 M | 61,5 M |
| | 3-21 I | | 61,1 G |
| | 3-25 I | 12,50 M | 64,2 M |
| | 3-25 I | 13,43 G | 61,3 G |
| | 3-27 I | 13,59 G | 62,6 G |
| | 3-28 I | 12,82 M | 63,9 M |
| | 3-28 I | 12,92 G | 60,2 G |
| | 3-30 I | 12,49 M | 61,4 M |
| | 3-30 I | 13,81 G | 62,5 G |
| | 3-31 I | 12,85 M | 61,8 M |
| | 3-31 I | 12,38 G | 62,8 G |
| | 4-12 I | 11,91 G | 63,5 M |
| | 8-22 | | 61,1 M |
| | 8-23 | | 61,3 G |
| | 8-27 | | 61,9 G |
| | 8-27 | | 61,9 J |
| | 9-13 | 13,18 M | 61,3 M |
| | 9-13 | 14,27 J | 61,5 J |
| | 9-15 | 12,24 M | 62,4 M |
| | 9-15 | 13,35 J | 62,7 J |
| | 9-16 | 13,07 M | 62,5 M |
| | 9-16 | 13,93 J | 62,4 J |
| | 9-17 | 12,92 M | 61,5 M |
| | 9-17 | 12,25 J | 62,4 J |
| | 9-18 | 13,63 J | 60,9 J |
| | 9-19 | 12,74 J | 62,2 J |
| | 9-28 | 13,77 G | 62,5 G |
| | 9-28 | 13,49 J | 61,2 J |
| | 9-29 | 13,20 J | 62,9 J |
| | 9-30 | 12,04 G | 62,4 G |
| | 10- 1 | 11,52 M | 61,9 M |
| | 10- 1 | 9,28 J | |
| | 10- 3 | 14,34 G | 62,8 G |
| | 10- 5 | | 61,4 M |

[1] 𝒫 diminuée de 1′.
[2] 𝒫 diminuée de 10″ : erreur de moy.

**39420 P. — 41918 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $21^h24^m$ | 71°58′ |
| 74 | 9-15 | $16^s,99$ G | $4'',4$ G |
| 79 | 9-24 | 16,99 J | 4,4 J |
| 81 | 9-29 | 16,94 M | 4,5 M |

**30421 P. — 41836-37 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $21^h23^m$ | 66°58′ |
| 63 | 9-15 | | $23'',8$ G |
| | 9-26 | | 22,6 G |
| | 9-27 | | 22,8 G |
| 65 | 9-20 | | 23,7 G |
| | 9-21 | | 22,8 G |
| | 9-22 | | 23,4 G |
| | 9-23 | | 23,4 G |
| | 9-25 | | 22,8 G |
| | 9-26 | | 24,0 G |
| | | III. | |
| | | $21^h24^m$ | 66°54′ |
| 79 | 9-10 | $17^s,13$ G | $28'',8$ G |
| 81 | 9-28 | 17,15 M | 29,8 M |

**30422 P. — 41874 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $21^h23^m$ | 45°41′ |
| 66 | 8-29 | $50^s,51$ G | |
| | | III. | |
| | | $21^h24^m$ | 45°37′ |
| 80 | 8-23 | $24^s,53$ G | $20'',8$ G |
| 81 | 9-13 | 24,04 G | 19,7 G |

**30423 P. — 41807 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $21^h24^m$ | 112°33′ |
| 79 | 9- 1 | $25^s,95$ M | $32'',3$ M |
| | 9- 2 | 25,99 M | 32,3 M |

**30424 P. — 41825 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $21^h24^m$ | 88° 4′ |
| 71 | 9- 9 | $27^s,08$ M | $1'',7$ M |
| 74 | 9-30 | 27,15 M | 2,8 M |

**30425 P. — 41850 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $21^h23^m$ | 69°23′ |
| 59 | 10-22 | $46^s,61$ G | |
| | | III. | |
| | | $21^h24^m$ | 69°19′ |
| 79 | 9-12 | $27^s,92$ J | $23'',2$ J |
| | 9-26 | 27,83 J | 22,9 J |

**30426 P. — 7524 Albany.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $21^h24^m$ | 85°10′ |
| 74 | 9-18 | $30^s,43$ M | $9'',0$ M |

**30427 P. — 41878 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $21^h24^m$ | 46°12′ |
| 81 | 10- 4 | $30^s,63$ G | $29'',9$ G |

**30428 P. — 41834 et 39 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $21^h23^m$ | 80°14′ |
| 55 | 11- 2 | $46^s,73$ G | |
| | | III. | |
| | | $21^h24^m$ | 80°10′ |
| 71 | 9- 4[1] | $30^s,71$ M | $46'',5$ M |

[1] 𝒫 diminuée de 1′.

**30429 P. — 41830 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $21^h23^m$ | 92°20′ |
| 58 | 7-30 | | $40'',9$ G |
| 59 | 10- 5 | | 41,2 G |
| 60 | 9-12 | $50^s,07$ G | 43,0 G |

**30430 P. — 41868 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $21^h24^m$ | 57°18′ |
| 66 | 9-20 | $1^s,21$ G | |
| 67 | 8-27 | 1,29 G | $7'',3$ G |
| | 9- 4 | 1,15 G | 7,1 G |

**30431 P. — 41867 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $21^h24^m$ | 60°39′ |
| 71 | 8-26 | $42^s,19$ M | $29'',9$ M |
| | 8-26 | 41,97 G | 24,7 G |
| | 8-29 | 42,22 M | |
| | 10-14 | 42,14 G | |

**30432 P. — 41876 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $21^h24^m$ | 54°22′ |
| 69 | 10- 6 | $43^s,13$ M | $13'',1$ M |

**30433 P. — 41860 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $21^h24^m$ | 74°15′ |
| 67 | 9- 4 | $3^s,32$ M | $54'',2$ M |

**30434 P. — 41826 et 28 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $21^h23^m$ | 103°7′ |
| 54 | 9-26 | $57^s,87$ G | |
| 60 | 10-17 | 58,03 G | $38'',6$ G |
| | | III. | |
| | | $21^h24^m$ | 103°3′ |
| 78 | 8-26 | $47^s,00$ M | $45'',8$ M |
| | 9-30 | 47,05 M | 44,8 M |

**30435 P. — 41854 et 56 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $21^h24^m$ | 80°27′ |
| 63 | 8-11 | $3^s,53$ M | $22'',0$ M |
| | | III. | |
| | | $21^h24^m$ | 80°23′ |
| 71 | 9-12 | $47^s,47$ M | $27'',7$ M |

(Column headings: Dates 1800 + A. M. J.; Positions moyennes pour les époques du Catal. 𝒜. 𝒫.)

Dates 1800 + — Positions moyennes pour les époques du Catal.

**30436 P. — 41835 L.**

| A. M. J. | Æ | Ꝑ |
|---|---|---|
| II. | 21h 24m | 100° 21′ |
| 54 9-10 | | 12″,7 G |
| 62 9-12 | 4s,86 G | 14,5 G |

**30437 P. — 41821 L.**

| A. M. J. | Æ | Ꝑ |
|---|---|---|
| II. | 21h 24m | 115° 50′ |
| 59 10-26 | | 31″,4 G |
| III. | 21h 24m | 115° 46′ |
| 79 9-3 | 53s,07 M | 36″,7 M |

**30438 P. — 41886 L.**

| A. M. J. | Æ | Ꝑ |
|---|---|---|
| II. | 21h 24m | 55° 8′ |
| 66 9-5 | 17s,43 G | |
| 67 9-11 | | 23″,8 G |
| III. | 21h 24m | 55° 4′ |
| 69 9-8 | 54s,61 M | 28″,9 M |
| 75 9-14 | 54,74 M | 29,9 M |

**30439 P. — 41877 L.**

| A. M. J. | Æ | Ꝑ |
|---|---|---|
| III. | 21h 24m | 61° 33′ |
| 71 9-18 | 55s,45 G | 31″,3 G |
| 80 9-5 | 55,78 M | 32,0 M |

**30440 P.—41840, 42 à 47, 49 et 51 L.**

22 β Verseau.

Étoile fondamentale.

**30441 P. — 41859 L.**

| A. M. J. | Æ | Ꝑ |
|---|---|---|
| II. | 21h 24m | 86° 47′ |
| 55 10-15 | 14s,80 G | 41″,6 G |
| III. | 21h 25m | 86° 43′ |
| 81 9-30 | 0s,37 M | 48″,2 M |

**30442 P. — 41869 L.**

| A. M. J. | Æ | Ꝑ |
|---|---|---|
| I. | 21h 23m | 78° 32′ |
| 53 10-24 | 39s,80 G | 28″,0 G |
| II. | 21h 24m | 78° 28′ |
| 56 9-20 | | 32″,0 G |
| III. | 21h 25m | 78° 24′ |
| 71 9-2 | 7s,02 G | 38″,8 G |
| 9-14 | 6,95 G | |

**30443 P. — 22343-44 A. O.**

| A. M. J. | Æ | Ꝑ |
|---|---|---|
| II. | 21h 24m | 45° 7′ |
| 66 8-6[1] | 46s,76 G | |
| 8-18[1] | 47,00 G | |
| 8-22[1] | 46,60 G | |
| 8-23[1] | 46,89 G | |

[1] Indiquée à tort comme 41893 L (dist. des fils).

**30444 P. — 41841 L.**

| A. M. J. | Æ | Ꝑ |
|---|---|---|
| II. | 21h 24m | 115° 12′ |
| 58 8-5 | | 20″,9 G |
| 59 10-17 | | 23,4 G |
| 10-22 | | 23,6 G |

**30445 P. — 41875 L.**

| A. M. J. | Æ | Ꝑ |
|---|---|---|
| III. | 21h 25m | 84° 0′ |
| 73 8-23 | 20s,90 M | 53″,7 M |
| 75 8-27 | 20,91 G | 54,1 G |

**30446 P. — 41855 L.**

| A. M. J. | Æ | Ꝑ |
|---|---|---|
| II. | 21h 24m | 111° 34′ |
| 58 8-15 | | 4″,2 G |
| III. | 21h 25m | 111° 30′ |
| 81 10-3 | 21s,88 M | 13″,4 M |

**30447 P. — 41902-03 L.**

| A. M. J. | Æ | Ꝑ |
|---|---|---|
| II. | 21h 24m | 48° 34′ |
| 67 9-10 | 47s,07 M | 0″,7 M |

**30448 P. — 41890 L.**

| A. M. J. | Æ | Ꝑ |
|---|---|---|
| III. | 21h 25m | 64° 47′ |
| 71 9-17 | 22s,22 G | |
| 10-12 | 22,17 G | |
| 75 9-4 | 22,17 M | 16″,3 M |
| 9-6 | 22,32 M | 17,2 M |

**30449 P. — 41887 L.**

| A. M. J. | Æ | Ꝑ |
|---|---|---|
| II. | 21h 24m | 74° 7′ |
| 58 7-21 | | 47″,5 G |
| III. | 21h 25m | 74° 3′ |
| 71 8-16 | 26s,41 G | |
| 8-27 | 26,21 G | 50″,3 G |

**30450 P. — 41898 L.**

| A. M. J. | Æ | Ꝑ |
|---|---|---|
| II. | 21h 24m | 58° 39′ |
| 67 8-23 | 49s,05 G | 25″,6 G |
| III. | 21h 25m | 58° 35′ |
| 68 10-7 | 27s,41 G | 30″,1 G |

**30451 P. — 41896 L.**

| A. M. J. | Æ | Ꝑ |
|---|---|---|
| III. | 21h 25m | 64° 30′ |
| 80 9-8 | 32s,50 J | 7″,6 J |
| 81 8-24 | 32,59 J | 8,6 J |

**30452 P. — 41895 L.**

| A. M. J. | Æ | Ꝑ |
|---|---|---|
| III. | 21h 25m | 69° 20′ |
| 71 10-23 | 35s,52 G | |
| 74 9-14 | 35,75 M | 39″,9 M |

**30453 P. — 575 W$_1$.**

| A. M. J. | Æ | Ꝑ |
|---|---|---|
| II. | 21h 24m | 78° 22′ |
| 61 10-26 | 54s,54 G | 8″,9 G |

**30454 P. — 4172 A — 1°.**

| A. M. J. | Æ | Ꝑ |
|---|---|---|
| I. | 21h 24m | 91° 23′ |
| 53 10-23 | 6s,19 G | 44″,2 G |
| 10-23 | | 45,0 F |

**30455 P. — 41922 L.**

| A. M. J. | Æ | Ꝑ |
|---|---|---|
| III. | 21h 25m | 45° 40′ |
| 80 9-5 | 43s,16 G | 23″,7 G |
| 9-15 | 42,91 G | 25,5 G |

**30456 P. — 41906 L.**

| A. M. J. | Æ | Ꝑ |
|---|---|---|
| II. | 21h 25m | 60° 20′ |
| 59 8-16 | 4s,19 G | |
| III. | 21h 25m | 60° 16′ |
| 79 9-8 | 43s,04 G | 13″,0 G |
| 81 9-19 | 43,14 M | 13,6 M |

**30457 P. — 41919-20 L.**

| A. M. J. | Æ | Ꝑ |
|---|---|---|
| II. | 21h 25m | 48° 24′ |
| 67 10-5 | 8s,24 M | 8″,6 M |

**30457 P. (suite).**

| A. M. J. | Æ | Ꝑ |
|---|---|---|
| III. | 21h 25m | 48° 20′ |
| 80 8-30 | 43s,02 G | 12″,7 G |
| 8-31 | 43,41 G | 16,0 G |

**30458 P. — 41930 L.**

| A. M. J. | Æ | Ꝑ |
|---|---|---|
| III. | 21h 25m | 37° 36′ |
| 81 9-16 | 43s,53 G | 50″,5 G |

**30459 P. — 41913 L.**

| A. M. J. | Æ | Ꝑ |
|---|---|---|
| II. | 21h 25m | 52° 38′ |
| 59 11-23 | | 52″,5 G |
| III. | 21h 25m | 52° 34′ |
| 69 9-28 | 43s,59 M | 58″,0 M |
| 74 8-20 | 43,59 M | 57,1 M |
| 8-22 | 43,64 M | 58,3 M |
| 8-26 | 43,61 M | 58,9 M |

**30460 P. — 41929 L.**

| A. M. J. | Æ | Ꝑ |
|---|---|---|
| II. | 21h 25m | 42° 13′ |
| 66 8-10 | 17s,14 G | |

**30461 P. — 41891 L.**

| A. M. J. | Æ | Ꝑ |
|---|---|---|
| III. | 21h 25m | 86° 49′ |
| 71 9-19 | 50s,47 M | 57″,9 M |
| 74 9-14 | | 57,4 G |

**30462 P. — 1910 Gr.**

| A. M. J. | Æ | Ꝑ |
|---|---|---|
| III. | 21h 25m | 44° 0′ |
| 80 9-1 | 53s,21 G | |
| 9-3 | 53,03 G | 47″,7 G |

**30463 P. — 41909 L.**

| A. M. J. | Æ | Ꝑ |
|---|---|---|
| II. | 21h 25m | 69° 37′ |
| 58 10-16 | 21s,90 G | 27″,1 G |

**30464 P. — 608 W$_2$.**

| A. M. J. | Æ | Ꝑ |
|---|---|---|
| III. | 21h 26m | 72° 8′ |
| 71 9-9 | 5s,40 G | |

Dates 1800+ — Positions moyennes pour les époques du Catal.

**30465 P. — 41904-05 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | $21^h 25^m$ | 79°42' |
| 56 8-15 | 23s,05 G | |
| 58 8-24 | 22,87 G | 18",8 G |
| 9-8 | | 17,3 F |
| III. | $21^h 26^m$ | 79°38' |
| 71 9-12 | 6s,92 G | |

**30466 P. — 41910-11 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | $21^h 25^m$ | 76°15' |
| 59 7-17 | 28s,93 G | |
| III. | $21^h 26^m$ | 76°11' |
| 71 9-3 | 11s,82 G | 1",9 G |
| 9-15 | 11,99 M | 2,2 M |
| 9-15 | 12,21 G | 1,7 G |

**30467 P. — 41899 L.**

| A. M. J. | Æ | D |
|---|---|---|
| III. | $21^h 26^m$ | 92°9' |
| 76 8-16 | 13s,07 G | 30",0 G |
| 10-9 | 12,80 G | 30,3 G |

**30468 P. — 588 W₁.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | $21^h 25^m$ | 76°10' |
| 59 7-17 | 32s,63 G | |

**30469 P.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | $21^h 25^m$ | 67°14' |
| 59 9-23[1] | 35s,12 G | |

[1] Æ augmentée de 10s : erreur de réduct.

**30470 P. — 41907 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | $21^h 25^m$ | 85°44' |
| 56 8-29 | | 33",9 G |
| 61 9-25 | 31s,05 G | 34,4 G |
| III. | $21^h 26^m$ | 85°40' |
| 79 9-2 | 16s,35 J | 39",1 J |

**30471 P. — 41938 L.**

| A. M. J. | Æ | D |
|---|---|---|
| III. | $21^h 26^m$ | 50°29' |
| 69 10-9 | 24s,57 M | 2",9 M |
| 74 9-15 | 24,62 M | 1,6 M |
| 75 8-23 | 24,46 M | 2,9 M |

**30472 P. — 41914 L.**

| A. M. J. | Æ | D |
|---|---|---|
| III. | $21^h 26^m$ | 79°59' |
| 71 9-9 | 25s,46 M | 8",6 M |

**30473 P. — 41935 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | $21^h 25^m$ | 56°48' |
| 67 8-31 | | 0",6 G |
| III. | $21^h 26^m$ | 56°44' |
| 79 10-4[1] | 32s,22 G | 4",9 G |

[1] Æ augmentée de 2s,60 : erreur de 1s sur les 4 derniers fils et erreur de moy.

**30474 P. — 41944 L.**

| A. M. J. | Æ | D |
|---|---|---|
| III. | $21^h 26^m$ | 51°25' |
| 80 9-1 | 39s,21 J | 21",8 J |

**30475 P. — 41912 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | $21^h 25^m$ | 104°4' |
| 54 9-27 | 55s,91 G | |
| 61 10-24 | 56,12 G | 3",4 G |

**30476 P. — 41908 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | $21^h 25^m$ | 106°48' |
| 54 9-21 | 55s,78 G | |
| 62 8-6 | 55,89 G | 53",6 G |
| III. | $21^h 26^m$ | 106°45' |
| 79 9-26 | 45s,81 J | 0",3 J |

**30477 P. — 41934 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | $21^h 26^m$ | 67°13' |
| 58 8-10[1] | 5s,09 G | 21",0 G |
| 9-10 | | 21,7 G |
| 9-17 | 5,18 G | 20,1 G |
| 59 9-23 | 5,28 G | |
| 9-24 | 5,18 G | 21,2 G |

[1] D augmentée de 5" : erreur de 10" sur l'un des deux microscopes lus.

**30478 P. — 41950 L.**

| A. M. J. | Æ | D |
|---|---|---|
| III. | $21^h 26^m$ | 56°20' |
| 80 9-14 | 48s,77 J | 56",5 J |

**30479 P. — 41967 et 69 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | $21^h 26^m$ | 48°52' |
| 67 10-1 | 18s,61 M | 19",3 M |
| 10-2 | 18,67 M | 20,1 M |
| 10-3 | 18,66 M | 18,6 M |
| III. | $21^h 26^m$ | 48°48' |
| 79 8-20 | 53s,94 G | 23",0 G |
| 81 10-15 | 53,90 G | 24,8 G |

**30480 P. — 41927 L.**

| A. M. J. | Æ | D |
|---|---|---|
| III. | $21^h 26^m$ | 85°59' |
| 71 9-12 | 54s,00 M | 20",9 M |
| 74 9-15 | 54,06 G | 20,7 G |

**30481 P. — 605 W₁.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | $21^h 26^m$ | 80°45' |
| 62 8-5 | | 34",8 G |

**30482 P. — 41939 L.**

| A. M. J. | Æ | D |
|---|---|---|
| III. | $21^h 26^m$ | 66°20' |
| 81 10-3 | 56s,38 J | 59",9 J |

**30483 P. — 12625 Cambridge.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | $21^h 26^m$ | 63°15' |
| 58 8-28 | 17s,52 G | |

**30484 P. — 41932 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | $21^h 26^m$ | 80°43' |
| 56 10-18 | | 23",8 G |
| 62 8-5 | 13s,88 G | 24,4 G |
| III. | $21^h 26^m$ | 80°39' |
| 79 9-10 | 58s,00 G | 25",7 G |

**30485 P.**

L'étoile primitivement inscrite sous ce numéro était la même que 30521 P, l'ascension droite étant en erreur de 1m.

**30486 P.**

8 β Céphée.

Étoile fondamentale.

**30487 P. — 41964 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | $21^h 26^m$ | 57°26' |
| 66 9-10 | 25s,10 G | |

**30488 P. — 41925 L.**

| A. M. J. | Æ | D |
|---|---|---|
| I. | $21^h 25^m$ | 97°3' |
| 49 8-15 | 28s,31 G | |
| 8-19 | 28,30 G | |
| 8-21 | 28,25 G | |
| 8-25 | 28,33 G | |
| III. | $21^h 27^m$ | 96°55' |
| 68 9-1 | 3s,46 M | 32",5 M |
| 69 8-24 | 3,50 M | 32,8 M |

**30489 P. — 41931 L.**

| A. M. J. | Æ | D |
|---|---|---|
| III. | $21^h 27^m$ | 87°16' |
| 71 9-4 | 4s,22 M | 22",8 M |
| 79 9-10 | 4,17 J | 23,0 J |

**30490 P. — 41945 L.**

| A. M. J. | Æ | D |
|---|---|---|
| III. | $21^h 27^m$ | 72°49' |
| 71 8-12 | 10s,16 G | 46",0 G |
| 74 9-19 | 9,99 M | 46,8 M |

**30491 P. — 41957 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | $21^h 26^m$ | 69°54' |
| 56 8-30 | | 16",2 G |
| 9-14 | 30s,66 G | |
| 57 7-10 | 30,47 G | |
| 58 8-7 | 30,54 G | |
| 8-31 | 30,83 G | 16,2 G |
| 60 10-4[1] | 30,48 G | |
| 10-9[1] | 30,48 G | 18,1 G |
| 10-25[1] | 30,61 G | |
| III. | $21^h 27^m$ | 69°50' |
| 71 8-19 | 12s,06 G | |
| 8-22 | 11,73 G | |

[1] Indiquée à tort comme 41978 L. (dist. des fils); d'ailleurs à octobre 4, le cahier-minute porte ✱ $h = 61° 17'$.

**30492 P. — 641 W₁.**

| A. M. J. | Æ | D |
|---|---|---|
| I. | $21^h 25^m$ | 96°6' |
| 52 11-6 | 37s,32 G | |

Dates 1800+ — Positions moyennes pour les époques du Catal.

**30493 P. — 41990 L.**

| A. M. J. | Æ | Ꝓ |
|---|---|---|
| III. | 21h27m | 41°57' |
| 72 9-17[1] | 12s,74 M | 57",7 M |
| 79 10-12 | | 57,0 G |

[1] Ꝓ dim. de 3",5 : err. de transcr. (micromètre).

**30494 P. — 41936 L.**

| A. M. J. | Æ | Ꝓ |
|---|---|---|
| III. | 21h27m | 88°57' |
| 73 8-23 | 15s,07 M | 7",9 M |
| 74 9-30 | 15,30 M | 8,6 M |

**30495 P. — 41976 L.**

| A. M. J. | Æ | Ꝓ |
|---|---|---|
| II. | 21h26m | 63°16' |
| 58 8-28 | 47s,50 G | 33",8 G |
| III. | 21h27m | 63°12' |
| 80 8-13 | 27s,42 M | 35",3 M |

**30496 P. — 41933 L.**

| A. M. J. | Æ | Ꝓ |
|---|---|---|
| II. | 21h26m | 104°6' |
| 54 9-25 | | 10",9 G |
| 57 7-11 | 38s,33 G | |
| III. | 21h27m | 104°2' |
| 79 9- 8 | 27s,44 J | 15",7 J |

**30497 P. — 41985 L.**

| A. M. J. | Æ | Ꝓ |
|---|---|---|
| II. | 21h26m | 54°32' |
| 67 9- 4 | 50s,93 G | 17",1 G |
| III. | 21h27m | 54°28' |
| 81 9-28 | 28s,26 M | 22",1 M |
| 9-29 | 28,22 M | 21,1 M |

**30498 P. — 41981 L.**

| A. M. J. | Æ | Ꝓ |
|---|---|---|
| II. | 21h26m | 57°50' |
| 59 11-23 | | 30",1 G |
| 61 10-28 | 52s,74 G | 28,4 G |
| III. | 21h27m | 57°46' |
| 80 9- 5 | 31s,23 M | 32",2 M |

**30499 P. — 15650 Bonn.**

| A. M. J. | Æ | Ꝓ |
|---|---|---|
| II. | 21h27m | 42°3' |
| 59 10- 1 | 2s,23 G | |

**30500 P. — 41988 L.**

| A. M. J. | Æ | Ꝓ |
|---|---|---|
| III. | 21h27m | 54°47' |
| 80 9- 5 | 34s,64 J | 15",7 J |
| 9-29 | 34,49 J | 14,6 J |

**30501 P. — 41947 L.**

| A. M. J. | Æ | Ꝓ |
|---|---|---|
| III. | 21h27m | 94°55' |
| 78 9-24 | 34s,88 G | 20",2 G |

**30502 P. — 42013-14 L.**

| A. M. J. | Æ | Ꝓ |
|---|---|---|
| III. | 21h27m | 44°17' |
| 80 10- 1 | 35s,76 G | 41",1 G |
| 10-18 | 35,67 G | 41,5 G |

**30503 P. — 41982 L.**

| A. M. J. | Æ | Ꝓ |
|---|---|---|
| II. | 21h26m | 60°15' |
| 58 8-30 | 56s,69 G | |
| 59 8-16 | 56,92 G | |
| III. | 21h27m | 60°11' |
| 71 9-18 | 35s,74 G | 35",2 G |
| 10-14 | 35,81 G | 35,6 G |

**30504 P. — 41978 L.**

| A. M. J. | Æ | Ꝓ |
|---|---|---|
| III. | 21h27m | 68°57' |
| 79 8-26 | 36s,04 G | |
| 9-26 | 35,84 G | 47",0 G |
| 10- 3 | 36,07 G | |
| 80 9- 1 | 36,05 M | 46,0 M |

**30505 P. — 41970 L.**

| A. M. J. | Æ | Ꝓ |
|---|---|---|
| II. | 21h26m | 79°42' |
| 56 9-19 | | 59",7 G |
| 58 8-24 | 54s,91 G | 59,8 G |
| 11- 3 | 54,96 G | |

**30506 P. — 41954 à 56 L.**

| A. M. J. | Æ | Ꝓ |
|---|---|---|
| II. | 21h26m | 94°4' |
| 55 9- 9 | 52s,45 G | |
| 56 8-24 | | 14",6 G |
| 58 7-30 | | 15,1 G |
| 9-26 | 52,73 G | |
| 60 9-11 | 52,66 G | |
| 9-12 | 52,88 G | |

**30507 P. — 41963 L.**

| A. M. J. | Æ | Ꝓ |
|---|---|---|
| II. | 21h26m | 89°14' |
| 55 9-28 | 54s,77 G | |
| 61 10- 2 | 54,72 G | 14",4 G |
| III. | 21h27m | 89°10' |
| 79 8-11 | 40s,47 M | 16",6 M |
| 9- 2 | 40,55 M | 16,8 M |
| 9-11 | 40,77 M | 15,9 M |

**30508 P. — 625 W1.**

| A. M. J. | Æ | Ꝓ |
|---|---|---|
| II. | 21h26m | 88°20' |
| 62 8-13 | | 18",9 G |

**30509 P. — 41959, 61 et 62 L.**

| A. M. J. | Æ | Ꝓ |
|---|---|---|
| II. | 21h26m | 94°1' |
| 55 9-26 | 57s,55 G | |
| 58 9-26 | 57,55 G | |
| 60 9-11 | 57,46 G | 46",5 G |
| 9-12 | 57,83 G | 47,0 G |
| III. | 21h27m | 93°57' |
| 78 9-27 | 44s,46 G | |

**30510 P. — 15655 Bonn.**

| A. M. J. | Æ | Ꝓ |
|---|---|---|
| II. | 21h27m | 41°58' |
| 59 10- 1[1] | 12s,78 G | |

[1] Erreur de 50' dans la décl. indiquée. L'étoile est observée avec 15650 Bonn.

**30511 P. — 41941 L.**

| A. M. J. | Æ | Ꝓ |
|---|---|---|
| II. | 21h26m | 107°8' |
| 57 9-27 | 55s,41 G | |
| 59 10- 3 | | 34",8 G |
| III. | 21h27m | 107°4' |
| 78 8-26 | 45s,65 M | 40",3 M |
| 9- 2 | 45,68 M | 39,5 M |

**30512 P. — 42024 L.**

| A. M. J. | Æ | Ꝓ |
|---|---|---|
| I. | 21h26m | 42°14' |
| 48 11-22 | 41s,73 G | |
| II. | 21h27m | 42°10' |
| 67 10- 4 | 14s,41 M | 23",8 M |
| III. | 21h27m | 42°6' |
| 72 9-20 | 46s,65 M | 27",8 M |

**30513 P. — 42010 L.**

| A. M. J. | Æ | Ꝓ |
|---|---|---|
| III. | 21h27m | 51°28' |
| 68 10- 8 | 47s,07 G | 49",0 G |
| 74 9-17 | 47,16 M | 49,1 M |
| 75 9- 1 | 47,11 M | 49,6 M |
| 9-14 | 47,21 M | 49,1 M |
| 76 8-25 | 47,08 M | 48,8 M |

**30514 P. — 42019-20 L.**

| A. M. J. | Æ | Ꝓ |
|---|---|---|
| III. | 21h27m | 48°15' |
| 80 8-23 | 46s,96 G | 17",3 G |
| 9-22 | | 18,1 G |
| 10-11 | 47,31 G | 17,7 G |
| 81 8-22 | 47,12 G | 17,6 G |
| 10- 1 | 47,24 G | 19,1 G |

**30515 P. — 41975 et 77 L.**

| A. M. J. | Æ | Ꝓ |
|---|---|---|
| II. | 21h27m | 79°56' |
| 56 9-26 | 3s,79 G | |
| 58 10-29 | 4,03 G | |
| 61 10-16 | | 12",8 G |
| 62 9-12 | 3,77 G | 11,2 G |
| 9-19 | 3,81 G | |
| 9-25 | 3,69 G | 11,8 G |

**30516 P. — 41940 L.**

| A. M. J. | Æ | Ꝓ |
|---|---|---|
| II. | 21h26m | 111°3' |
| 58 8- 5 | | 51",8 G |
| 60 10-17 | 58s,81 G | 54,5 G |
| 61 10- 4 | | 54,4 G |
| III. | 21h27m | 110°59' |
| 79 8-25 | 49s,64 J | 57",5 J |

**30517 P. — 41942-43 L.**

| A. M. J. | Æ | Ꝓ |
|---|---|---|
| I. | 21h26m | 110°46' |
| 49 8- 6[1] | 8s,30 G | |
| 50 8-12 | | 19",3 G |
| 53 7-21 | 8,22 G | |
| II. | 21h26m | 110°42' |
| 55 9-23 | 59s,04 G | 21",7 G |
| 59 10-17 | | 21,6 G |
| III. | 21h27m | 110°38' |
| 79 10- 3 | 49s,71 J | 25",2 J |
| 10- 7 | 49,63 J | 23,1 J |

[1] Æ diminuée de 1m.

**30518 P. — 41952 L.**

| A. M. J. | Æ | Ꝓ |
|---|---|---|
| II. | 21h27m | 107°21' |
| 56 8- 5 | 2s,94 G | |

| Dates 1800 + A. | M. J. | Positions moyennes pour les époques du Catal. $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|

**30518 P. (suite).**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | III. | |
| | | $21^h27^m$ | 107°17' |
| 78 | 9-27 | $53^s,19$ M | |
| | 9-28 | 53,05 M | 11",0 M |
| | 9-29 | 53,11 M | 10,6 M |

**30519 P. — 41946 et 48 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | I. | |
| | | $21^h26^m$ | 110°56' |
| 46 | 7-23 | $11^s,38$ G | |

**30520 P. — 42022 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | III. | |
| | | $21^h27^m$ | 50°8' |
| 69 | 10- 1 | $54^s,74$ M | 41",9 M |
| 75 | 8-26 | 54,96 G | |

**30521 P. — 41974 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | $21^h27^m$ | 98°0' |
| 57 | 8- 7 | $13^s,40$ G | 46",3 G |
| | 10-16 | 13,27 G | |
| | 10-29[1] | 13,50 G | 47,7 G |
| | | III. | |
| | | $21^h28^m$ | 97°56' |
| 76 | 10- 6 | $1^s,16$ M | 49",4 M |
| | 10- 7 | 1,28 M | 49,6 M |

[1] $\mathcal{A}$ augm. de $1^m$, $\mathcal{P}$ diminuée de 5'.

**30522 P. — 41972 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | $21^h27^m$ | 99°42' |
| 55 | 8-23 | $14^s,13$ G | |
| 60 | 8-17[1] | 14,25 G | 25",0 F |
| 61 | 10-14 | 14,38 G | 24,9 G |

[1] $\mathcal{P}$ diminuée de 1'.

**30523 P. — 41986 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | $21^h27^m$ | 78°23' |
| 58 | 10- 3 | $19^s,12$ G | 30",2 G |
| | 10- 5 | 19,30 G | |
| 61 | 9-19[1] | | 31,9 G |
| | | III. | |
| | | $21^h28^m$ | 78°19' |
| 71 | 8-27 | $2^s,80$ G | 31",5 G |
| | 9- 2 | 2,94 G | 35,6 G |

[1] $\mathcal{P}$ augm. de 1'. (*Voir* 30534 P.)

**30524 P. — 42021 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | III. | |
| | | $21^h28^m$ | 56°45' |
| 80 | 9- 8 | $3^s,66$ J | 4",4 J |
| 81 | 10-14 | 3,77 J | 3,5 J |

**30525 P. — 42008 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | III. | |
| | | $21^h28^m$ | 62°57' |
| 81 | 9- 4 | $3^s,83$ J | 3",4 J |
| | 9-28 | 3,79 J | 3,83 |

**30526 P. — 41996 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | $21^h27^m$ | 73°10' |
| 58 | 8-16 | $23^s,03$ G | 27",0 G |
| | 9-11 | 23,10 G | 26,6 G |
| | 9-27 | 23,19 G | 27,2 G |
| | 10- 9[1] | | 25,8 G |

[1] $\mathcal{P}$ diminuée de 5'.

**30527 P. — 41958 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | $21^h27^m$ | 114°4' |
| 58 | 8-15 | | 29",7 G |
| | 9- 9 | $15^s,25$ G | 30,0 G |
| 61 | 10- 3 | 15,06 G | 31,0 G |

**30528 P. — 639 $W_1$.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | $21^h27^m$ | 88°42' |
| 55 | 11- 2 | $25^s,33$ G | |

**30529 P. — 41987 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | $21^h27^m$ | 88°21' |
| 56 | 10- 5 | $29^s,90$ G | |
| 61 | 10-26 | 30,06 G | 46",4 G |
| 62 | 8-13 | 30,00 G | 46,5 G |

**30530 P. — 42002-03 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | $21^h27^m$ | 80°11' |
| 57 | 8-13 | $35^s,97$ G | |
| | 10- 7 | 35,95 G | 6",7 G |
| | 10-15 | 36,23 G | |
| 59 | 8-24 | 35,98 G | |
| 61 | 10-16 | 36,13 G | |
| | 10-19 | 36,22 G | |
| 62 | 8-12 | 36,13 G | 7,0 G |

**30531 P. — 41997 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | $21^h27^m$ | 85°14' |
| 58 | 9-28 | $35^s,76$ G | |
| 61 | 9-25 | 35,75 G | 7",8 G |
| 62 | 9-13 | 35,83 G | 7,5 G |

**30532 P. — 41991 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | I. | |
| | | $21^h26^m$ | 88°51' |
| 46 | 7-31 | $49^s,54$ G | |
| | 8-14 | 49,32 G | |
| | 9-10 | 49,58 G | |
| | 9-24 | 49,49 G | |
| | 10-20 | | 26",0 F |
| | 11-14 | 49,52 G | 26,3 G |
| 47 | 9-30 | 49,56 G | |
| | 10-11 | | 24,4 F |
| 48 | 8-29 | | 23,6 G |
| 49 | 8-26 | 49,53 G | |
| | 8-27 | 49,49 G | |
| | | II. | |
| | | $21^h27^m$ | 88°47' |
| 55 | 11- 2 | $35^s,43$ G | |
| 57 | 9- 9 | 35,54 G | 27",8 G |
| | | III. | |
| | | $21^h28^m$ | 88°43' |
| 71 | 9-16 | $21^s,19$ M | 31",5 M |

**30533 P. — 41979 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | $21^h27^m$ | 81°7' |
| 57 | 7-27 | $37^s,36$ G | |
| | | III. | |
| | | $21^h28^m$ | 81°3' |
| 75 | 8-23 | $21^s,53$ G | 6",1 G |
| 79 | 9- 1 | 21,57 J | 7,9 J |

**30534 P. — 42006 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | $21^h27^m$ | 78°21' |
| 58 | 10- 3 | $37^s,88$ G | |
| | 10- 5 | 37,99 G | |
| 61 | 9- 1[1] | 37,97 G | |
| | 9-19[2] | | 29",6 G |
| | 10-15 | 37,88 G | 30,7 G |
| 62 | 10- 1 | 38,27 G | 31,6 G |

[1] $\mathcal{A}$ augm. de $0^s,30$ : erreur de réduct.

[2] $\mathcal{P}$ a été supprimée à l'impression à cause d'une erreur de 1'. L'étoile a été observée sur le même calage que 41986 L., également en erreur de 1'. L'observation corrigée doit être rétablie ainsi :
Lecture = 337° 44' 51",0, $L_c$ = 52",8,
Réfr. = + 44",2,
Dist. app. au pôle nord = 78° 20' 48",4.

**30535 P. — 42015 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | $21^h27^m$ | 76°41' |
| 59 | 8-29 | $41^s,40$ G | 59",8 G |
| | | III. | |
| | | $21^h28^m$ | 76°38' |
| 71 | 8-16[1] | $24^s,81$ G | |

[1] $\mathcal{A}$ diminuée de $1^s$ : correction indiquée comme probable per l'observateur.

**30536 P. — 42215 et 18 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | I. | |
| | | $21^h29^m$ | 10°9' |
| 53 | 10-12 | $12^s,20$ G | |
| | 10-23 | 12,75 G | |
| | 10-24 | 11,98 G | |
| | 10-26 | 12,47 G | |

**30537 P. — 42029 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | III. | |
| | | $21^h28^m$ | 57°20' |
| 74 | 8-21 | $28^s,24$ M | 22",7 M |
| | 9-18 | 28,16 M | 23,0 M |
| 75 | 9- 6 | 28,21 M | 22,5 M |
| 76 | 8-24 | 28,00 M | 21,4 M |

**30538 P. — 42025 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | $21^h27^m$ | 66°31' |
| 58 | 9-16 | $47^s,97$ G | 45",5 G |
| | | III. | |
| | | $21^h28^m$ | 66°27' |
| 71 | 9-17 | $28^s,87$ G | 47",4 G |

**30539 P. — 42034 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | $21^h27^m$ | 52°5' |
| 66 | 9- 5 | $54^s,39$ G | |
| | 9-20 | 54,30 G | |
| 67 | 8-23 | 54,38 G | 33",4 G |
| | | III. | |
| | | $21^h28^m$ | 52°1' |
| 73 | 10- 8 | $30^s,59$ G | 34",0 G |

**30540 P. — 22436 A. O.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | III. | |
| | | $21^h28^m$ | 40°34' |
| 78 | 10-12[1] | $31^s,80$ M | |

[1] L'observation de distance polaire, faite ce même jour, a dû être rejetée, la lecture au cercle étant absolument erronée; mais l'observation d'asc. dr. se rapporte bien à l'étoile (dist. des fils).

**30541 P. — 41999 à 42001 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | $21^h27^m$ | 94°21' |
| 58 | 9- 5 | $45^s,78$ G | 15",3 G |
| | 9- 9 | | 13,0 F |
| | | III. | |
| | | $21^h28^m$ | 94°17' |
| 68 | 8-11 | $32^s,81$ M | 19",0 M |
| 76 | 9-19 | 32,63 G | 19,8 G |
| | 10- 7 | 32,74 G | |
| | 10- 9 | 32,68 G | 20,5 G |

Dates 1800+ — Positions moyennes pour les époques du Catal.

### 30542 P. — 41984 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | $21^h27^m$ | $109^\circ23'$ |
| 54 9-22[1] | $42^s,77$ G | |
| 58 9-27 | | $31'',8$ F |
| 10-29 | | 35,2 F |
| 61 10-10 | 42,67 G | 29,0 G |
| III. | $21^h28^m$ | $109^\circ19'$ |
| 78 9-30 | $33^s,12$ M | $35'',4$ M |

[1] $\mathcal{A}$ diminuée de $1^m$ : erreur de transcr.

### 30543 P. — 42030 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| III. | $21^h28^m$ | $57^\circ40'$ |
| 80 8-31 | $34^s,12$ J | $54'',6$ J |
| 81 8-24 | 34,04 J | 54,9 J |

### 30544 P. — 42009 L[1].

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | $21^h27^m$ | $88^\circ23'$ |
| 56 8-26 | $49^s,00$ G | |
| 57 10-24 | | $20'',9$ G |
| 61 10-26 | | 22,0 G |
| 62 8-13 | | 22,2 G |
| III. | $21^h28^m$ | $88^\circ19'$ |
| 71 9-5 | $34^s,90$ M | $25'',1$ M |
| 9-9 | 34,76 M | 24,3 M |

[1] $\mathcal{D}$ de Lal. doit être augm. de 1'.

### 30545 P. — 42042 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| I. | $21^h27^m$ | $44^\circ49'$ |
| 46 9-13 | $29^s,65$ G | |
| 9-14 | 29,52 G | |
| 47 10-11 | 29,64 G | |
| 48 9-4 | | $52'',0$ G |
| III. | $21^h28^m$ | $44^\circ41'$ |
| 80 9-9 | $36^s,97$ G | $57'',9$ G |
| 81 9-13 | 36,87 G | 58,8 G |
| 10-4 | 36,74 G | 58,7 G |

### 30546 P. — 42041 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| III. | $21^h28^m$ | $47^\circ34'$ |
| 80 9-30 | $37^s,84$ G | $55'',7$ G |
| 81 9-15 | 38,06 G | |
| 9-29 | 37,80 G | 58,8 G |

### 30547 P. — 42050 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| III. | $21^h28^m$ | $42^\circ14'$ |
| 68 10-22 | $38^s,34$ M | $58'',9$ M |
| 74 9-14 | 38,50 G | 57,8 G |

### 30548 P. — 661 W$_1$.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | $21^h27^m$ | $80^\circ52'$ |
| 56 9-27 | $58^s,58$ G | |
| 57 9-24 | | $22'',6$ G |
| 9-29 | 58,82 G | |
| 58 8-27 | | 17,7 G |

### 30549 P. — 41998 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | $21^h27^m$ | $103^\circ35'$ |
| 54 8-24 | $53^s,65$ G | |
| III. | $21^h28^m$ | $103^\circ31'$ |
| 79 10-16 | $42^s,98$ J | $29'',6$ J |

### 30550 P. — 8287 Berlin B.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | $21^h28^m$ | $69^\circ12'$ |
| 59 7-28 | $2^s,14$ G | |

### 30551 P. — 42016 à 18 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | $21^h27^m$ | $94^\circ36'$ |
| 55 9-20 | $58^s,91$ G | |
| 56 7-26 | 58,79 G | $17'',7$ G |
| 57 7-12 | 58,98 G | |
| 7-31 | | 17,8 G |
| 58 8-17 | 58,90 G | |
| 11-4 | 58,99 G | 17,3 G |
| 61 9-30 | 58,90 G | 17,1 G |
| 10-9 | 58,98 G | 17,3 G |
| 62 9-8 | 59,03 G | 19,1 G |
| 65 9-20 | 58,91 M | 18,9 M |
| III. | $21^h28^m$ | $94^\circ32'$ |
| 76 9-20 | $45^s,92$ G | $21'',3$ G |
| 77 9-4 | 46,07 G | 21,4 G |
| 78 9-26 | 46,10 G | 21,6 G |

### 30552 P. — 42005 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | $21^h27^m$ | $102^\circ24'$ |
| 54 8-26 | $59^s,23$ G | $41'',9$ G |
| 8-27 | | 42,6 G |
| III. | $21^h28^m$ | $102^\circ20'$ |
| 78 9-10 | | $43'',0$ M |
| 9-16 | $48^s,10$ M | 43,3 M |

### 30553 P. — 42033 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | $21^h28^m$ | $67^\circ51'$ |
| 58 9-17 | $10^s,19$ G | |
| 11-7 | 10,33 M | $52'',2$ G |
| 59 10-22 | 10,07 G | |

### 30553 P. (suite).

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| III. | $21^h28^m$ | $67^\circ48'$ |
| 71 10-12 | $51^s,24$ G | |

### 30554 P. — 42036 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | $21^h28^m$ | $64^\circ32'$ |
| 58 9-14 | $12^s,71$ G | $38'',9$ G |
| 10-16 | 12,43 G | 37,1 G |
| III. | $21^h28^m$ | $64^\circ28'$ |
| 71 10-23 | $52^s,64$ G | |

### 30555 P. — 42031 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | $21^h28^m$ | $72^\circ17'$ |
| 56 9-20 | | $34'',5$ G |
| 58 10-12 | $11^s,86$ G | |
| III. | $21^h28^m$ | $72^\circ13'$ |
| 71 9-3 | $54^s,04$ G | $36'',8$ G |

### 30556 P. — 41993 à 95 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| I. | $21^h27^m$ | $116^\circ51'$ |
| 46 8-10 | $11^s,13$ G | |
| II. | $21^h28^m$ | $116^\circ47'$ |
| 55 8-16 | $3^s,33$ G | $37'',9$ G |
| III. | $21^h28^m$ | $116^\circ43'$ |
| 79 9-2 | $56^s,01$ J | $39'',8$ J |

### 30557 P. — 674 W$_2$.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | $21^h28^m$ | $70^\circ41'$ |
| 58 8-31 | $17^s,17$ G | |

### 30558 P. — 42175 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| I. | $21^h29^m$ | $14^\circ15'$ |
| 53 8-6 | $3^s,80$ G | |
| 9-12 | 4,06 G | |
| 9-24 | 3,90 G | |

### 30559 P. — 42026 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | $21^h28^m$ | $89^\circ38'$ |
| 56 9-6 | $14^s,94$ G | $37'',3$ G |
| 63 8-7 | 15,05 M | 36,6 M |

### 30560 P. — 42039 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | $21^h28^m$ | $71^\circ42'$ |
| 58 7-21 | | $11'',5$ G |
| 8-26 | $20^s,75$ G | 11,4 G |
| 59 7-17 | 20,82 G | |
| III. | $21^h29^m$ | $71^\circ38'$ |
| 71 9-12 | $2^s,63$ G | |

### 30561 P. — 42051 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| III. | $21^h29^m$ | $54^\circ47'$ |
| 74 8-20 | $4^s,18$ M | $52'',0$ M |
| 8-22 | 4,14 M | 52,9 M |

### 30562 P. — 669 W$_1$.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| I. | $21^h27^m$ | $75^\circ14'$ |
| 40 8-20 | | $54'',4$ F |

### 30563 P. — 42070-71 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | $21^h28^m$ | $45^\circ1'$ |
| 61 11-17 | $42^s,89$ G | |
| 62 7-21 | 43,06 G | |
| 7-25 | 43,10 G | |
| 7-27 | 43,01 G | |
| 7-30 | 43,02 G | |
| 9-5 | 43,06 G | |
| 63 7-31 | 43,24 G | |
| 8-1 | 43,03 G | |
| 8-7 | 43,06 G | |
| 8-12 | 42,98 G | |
| 8-17 | 42,92 G | |
| 8-31 | 42,95 G | |
| 9-1 | 42,73 M | |
| 9-11 | 43,05 G | |
| 9-12 | 42,99 G | |
| 9-18 | 42,98 G | |
| 9-19 | 42,99 G | |
| 9-27 | 42,98 G | |
| 64 8-3 | 43,28 G | |
| 8-16 | 43,04 G | |
| 8-27 | 43,04 G | |
| 8-28 | 42,99 G | |
| 9-17 | 42,91 G | |
| 9-22 | 43,11 G | |
| 9-23 | 43,03 G | |
| 9-26 | 42,89 G | |
| 9-29 | 42,92 G | |
| 9-30 | 43,05 G | |
| 10-1 | 42,85 G | |
| 10-17 | 43,12 G | |
| 65 8-26 | | $33'',8$ G |
| 8-30 | | 33,4 G |
| 9-1 | 42,91 G | |
| 9-6 | 42,88 G | |
| 9-7 | 43,10 G | |
| 9-8 | 42,93 G | |
| 9-15 | | 33,6 G |
| 9-16 | | 32,9 G |
| 9-18 | | 34,1 G |
| 66 8-10 | 42,95 G | |
| 8-18 | 43,04 G | |
| 8-22 | 43,00 G | |

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. ℛ. | 𝒫. |
|---|---|---|

**30563 P. (suite).**

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| II. | 21h28m | 45°1′ |
| 66 8-23 | 43s,02 G | |
| 8-29 | 42,90 G | |
| III. | 21h29m | 44°57′ |
| 68 10-28 | 16s,74 M | 36″,5 M |
| 72 7-20 | 16,78 G | |
| 74 9-14 | 16,67 M | 36,3 M |

**30564 P. — 7 Poisson autr.**

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| I. | 21h27m | 123°44′ |
| 46 8-23 | 29s,58 G | |
| 10-10 | | 19″,8 G |
| 10-18[1] | | 18,5 F |
| 48 9-20 | 29,51 G | |

[1] 𝒫 diminuée de 5′.

**30565 P. — 12661 Cambridge.**

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| II. | 21h28m | 62°20′ |
| 59 9-24[1] | 38s,66 G | |

[1] ℛ augm. de 0s,20 : err. de 1s sur un fil.

**30566 P. — 3503 Gr.**

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| I. | 21h28m | 19°51′ |
| 39 8-21 | 57s,95 G | |
| 41 8-30 | 58,40 G | |
| 45 9-5 | 58,29 G | |
| 9-6 | 58,04 G | |
| 9-26 | 58,22 G | |
| 11-22 | 57,89 G | |

**30567 P. — 42044 L.**

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| II. | 21h28m | 74°25′ |
| 58 9-30 | 40s,39 G | 26″,4 G |
| III. | 21h29m | 74°21′ |
| 71 9-9 | 23s,27 G | |
| 9-15 | 23,18 M | 31″,2 M |
| 9-15 | 23,24 G | 30,0 G |

**30568 P. — 42052 L.**

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| II. | 21h28m | 69°13′ |
| 58 8-10 | 44s,78 G | 4″,1 G |
| 9-24 | | 1,4 G |
| 59 7-28 | 44,78 G | |

**30569 P. — 673 W₁.**

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| III. | 21h29m | 74°48′ |
| 79 8-20 | 30s,24 G | |

**30570 P. — 9274 Rümker.**

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| II. | 21h28m | 66°7′ |
| 58 8-8 | 54s,14 G | |

**30571 P. — 9568 Brux.**

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| II. | 21h28m | 67°48′ |
| 58 11-7 | 55s,49 G | |

**30572 P. — 42072 L.**

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| II. | 21h29m | 54°44′ |
| 67 8-31[1] | 0s,07 G | 54″,6 G |
| III. | 21h29m | 54°40′ |
| 79 10-3 | 37s,20 M | 56″,3 M |
| 80 9-27 | 37,57 M | 54,9 M |

[1] Désignée à tort à l'observ. de passage comme 42035 L. (dist. des fils).

**30573 P. — 42057 L.**

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| II. | 21h28m | 71°39′ |
| 57 9-6 | 56s,86 G | 16″,8 G |
| 10-20 | 56,60 G | |
| III. | 21h29m | 71°35′ |
| 71 8-12 | 38s,96 G | 20″,3 G |

**30574 P. — 42062 L.**

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| III. | 21h29m | 64°17′ |
| 74 9-15 | 39s,01 G | 23″,5 G |

**30575 P. — 42065 L.**

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| III. | 21h29m | 58°46′ |
| 79 9-19 | 39s,36 J | 20″,8 J |
| 9-27 | 39,38 J | 20,4 J |
| 80 9-14 | 39,18 M | 19,8 M |

**30576 P. — 42032 L.**

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| II. | 21h28m | 112°7′ |
| 57 8-12 | 48s,67 G | |
| 58 10-6 | 48,61 G | 31″,5 G |
| 10-31 | 48,62 G | 32,2 G |

**30577 P. — 42078 L.**

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| I. | 21h28m | 52°9′ |
| 46 7-23 | 26s,87 G | |
| 8-12 | | 31″,0 G |
| 11-4 | | 30,4 G |
| 47 8-1 | | 31,2 G |
| 10-8 | | 30,7 G |
| II. | 21h29m | 52°5′ |
| 59 9-30 | 3s,48 G | |
| 61 9-27 | 3,50 G | 29″,9 G |
| 62 9-29 | 3,66 G | 31,3 G |
| 66 9-1 | 3,55 G | |

**30578 P. — 42049 L.**

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| II. | 21h28m | 85°8′ |
| 57 8-6 | 55s,49 G | 48″,6 G |
| 9-20 | 55,68 G | 49,5 G |
| 10-12 | 55,58 G | 49,6 G |

**30579 P. — 42027 L.**

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| II. | 21h28m | 119°14′ |
| 55 9-25 | 47s,91 G | 2″,5 G |
| 59 10-22 | | 3,2 G |
| III. | 21h29m | 119°10′ |
| 81 9-30 | 40s,94 M | 4″,8 M |
| 10-1 | 40,91 M | 2,9 M |

**30580 P. — 42038 L.**

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| II. | 21h28m | 107°43′ |
| 54 8-31 | 52s,81 G | 24″,9 G |
| III. | 21h29m | 107°39′ |
| 78 9-6 | 42s,60 M | 27″,8 M |

**30581 P. — 42083 et 85 L.**

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| II. | 21h29m | 48°13′ |
| 67 9-12 | 9s,29 M | 1″,8 M |
| III. | 21h29m | 48°9′ |
| 79 9-28 | 44s,56 G | 4″,4 G |
| 80 8-13 | 44,65 G | 4,5 G |
| 9-5 | 44,71 G | 5,0 G |
| 9-15 | 44,57 G | 5,2 G |
| 81 10-14 | 44,62 G | 5,7 G |

**30582 P. — 42053 L.**

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| II. | 21h28m | 84°32′ |
| 56 8-31 | 59s,52 G | |
| 10-25 | | 58″,1 G |

**30582 P. (suite.)**

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| III. | 21h29m | 84°28′ |
| 71 9-18 | 44s,77 M | 58″,7 M |

**30583 P. — 42068-69 L.**

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| II. | 21h29m | 62°25′ |
| 58 9-6[1] | 6s,53 G | |
| 10-15 | 7,26 G | |
| 59 9-24 | 7,01 G | 26″,0 G |
| III. | 21h29m | 62°21′ |
| 71 8-26 | 46s,98 M | 28″,1 M |
| 8-26 | 46,83 G | 29,9 G |
| 10-15 | 46,62 G | 29,0 G |

[1] ℛ non comprise dans la moyenne. Observée à trois fils, en note : *vapeurs*.

**30584 P. — 42063 L.**

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| II. | 21h29m | 66°10′ |
| 58 8-8 | 7s,12 G | 13″,8 G |
| 9-10 | | 13,7 G |
| III. | 21h29m | 66°6′ |
| 79 9-8 | 47s,56 G | 15″,2 G |

**30585 P. — 42100 L.**

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| III. | 21h29m | 66°34′ |
| 74 9-15 | 53s,96 M | 49″,1 M |
| 75 9-4 | 53,69 M | 48,5 M |

**30586 P. — 42043 L.**

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| II. | 21h29m | 104°4′ |
| 54 9-3 | 5s,71 G | 57″,1 G |
| III. | 21h29m | 104°0′ |
| 79 8-11 | 55s,00 M | 59″,9 M |
| 9-2 | 54,95 M | 58,8 M |

**30587 P. — 28918 Mn₁.**

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| II. | 21h29m | 73°7′ |
| 58 9-11 | | 31″,4 G |

**30588 P. — 42048 L.**

| A. M. J. | ℛ. | 𝒫. |
|---|---|---|
| II. | 21h29m | 99°40′ |
| 58 9-11 | | 9″,6 F |

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**30588 P. (suite).**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | | |
| | $21^h29^m$ | 99°36′ |
| 79 9-26 | $55^s,97$ J | $13'',6$ J |
| 10-12 | 55,86 J | 14,5 J |

**30589 P. — 12680 Cambridge.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | | |
| | $21^h29^m$ | 59°42′ |
| 69 9-25 | $58^s,40$ M | $43'',1$ M |
| 81 9-19 | 58,09 M | 44,2 M |
| 9-28 | 58,29 M | 43,7 M |

**30590 P. — 42054 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | | |
| | $21^h28^m$ | 95°44′ |
| 41 9- 9 | $24^s,51$ G | |
| II. | | |
| | $21^h29^m$ | 95°40′ |
| 55 9- 8 | | $31'',6$ G |
| 10- 5 | $11^s,82$ G | |
| III. | | |
| | $21^h29^m$ | 95°36′ |
| 79 8-20 | $58^s,98$ J | $37'',4$ J |
| 8-22 | 59,29 J | 37,3 J |

**30591 P. — 42061 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | | |
| | $21^h29^m$ | 84°29′ |
| 56 9- 4 | | $11'',5$ G |
| III. | | |
| | $21^h29^m$ | 84°25′ |
| 74 8-20 | $59^s,87$ G | $13'',1$ G |
| 9-18 | 59,95 G | 13,7 G |
| 10- 7 | | 15,0 G |
| 75 8-27 | 59,97 G | 11,4 G |
| 10-16 | 60,01 M | 13,5 M |

**30592 P. — 42066 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | | |
| | $21^h29^m$ | 74°38′ |
| 56 8-14 | $17^s,21$ G | $3'',0$ G |
| 61 8-14 | 17,48 G | |
| 8-29 | 17,34 G | 6,6 G |
| 9-26 | 17,22 G | 2,6 G |

**30593 P. — 708 W$_2$.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | | |
| | $21^h30^m$ | 55°22′ |
| 74 9-30 | $0^s,99$ M | $2'',0$ M |
| 79 10- 3 | 0,93 G | |
| 10- 7 | 0,88 G | |
| 10-11 | 0,74 G | 1,2 G |

**30594 P. — 42090 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | | |
| | $21^h29^m$ | 54°38′ |
| 67 9- 4 | $27^s,25$ G | $39'',8$ G |
| III. | | |
| | $21^h30^m$ | 54°34′ |
| 80 9-22 | $4^s,53$ M | $40'',6$ M |

**30595 P. — 42045-46 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | | |
| | $21^h28^m$ | 110°9′ |
| 37 11- 6 | $23^s,64$ G | $25'',2$ F |
| 38 9- 1 | 23,61 G | |
| 46 10-22 | 23,52 G | 27,6 G |
| 10-23 | 23,40 G | |
| 11-13 | 23,55 G | |
| 49 8-25 | 23,54 G | |
| 8-31 | | 25,7 G |
| 52 11- 3 | 23,86 G | |
| 53 7-21 | 23,56 G | |
| II. | | |
| | $21^h29^m$ | 110°5′ |
| 54 8- 7 | | $28'',7$ G |
| 8-20 | $14^s,18$ G | |
| 55 9-27 | 14,06 G | 29,3 G |
| 58 8- 5 | | 26,2 G |
| III. | | |
| | $21^h30^m$ | 110°1′ |
| 73 9-20 | $4^s,83$ M | $30'',2$ M |
| 9-23 | 4,42 M | 31,2 M |
| 9-23 | 4,69 G | |
| 9-25 | 4,79 G | |
| 9-25 [1] | 4,79 M | |
| 9-26 [2] | 4,48 M | |
| 10- 2 | 4,59 M | 30,2 M |
| 10- 9 | 4,72 G | |
| 74 8-26 | 4,72 M | 30,5 M |
| 8-26 | 4,81 G | 28,5 G |

[1] 𝒜 augmentée de $0^s,22$ : erreur de réd.
[2] 𝒜 augmentée de $0^s,20$ : erreur de réd.

**30596 P. — 42089 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | | |
| | $21^h30^m$ | 55°43′ |
| 68 10- 7 | $4^s,92$ G | |
| 10- 8 | 4,94 G | $15'',3$ G |
| 74 9-19 | 5,00 M | 15,5 M |

**30597 P. — 42076-77 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | | |
| | $21^h29^m$ | 75°32′ |
| 56 8-13 | $25^s,02$ G | |
| 58 9-12 | | $19'',1$ G |
| 10- 2 | | 18,2 G |
| 60 9- 3 | | 20,6 G |
| III. | | |
| | $21^h30^m$ | 75°28′ |
| 79 9-10 | $7^s,96$ G | $21'',7$ G |

**30598 P. — 42119-20 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | | |
| | $21^h30^m$ | 38°51′ |
| 81 9-17 | $8^s,61$ G | |
| 10-17 | 8,97 G | $24'',9$ G |

**30599 P. — 42035 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | | |
| | $21^h29^m$ | 80°50′ |
| 58 8-27 [1] | $25^s,37$ G | $18'',6$ G |
| III. | | |
| | $21^h30^m$ | 80°46′ |
| 73 8-23 | $9^s,59$ M | $21'',5$ M |

[1] 𝒜 augmentée de $1^m$.

**30600 P. — 42123 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | | |
| | $21^h30^m$ | 41°1′ |
| 80 9-26 | $10^s,21$ G | $47'',7$ G |

**30601 P. — 42082 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | | |
| | $21^h29^m$ | 66°39′ |
| 58 8-30 | $30^s,95$ G | $34'',2$ G |
| 59 8-21 | 31,01 G | 33,9 G |
| 9- 1 | 30,95 G | |
| III. | | |
| | $21^h30^m$ | 66°35′ |
| 71 9-18 | $11^s,73$ G | |

**30602 P. — 42058 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | | |
| | $21^h29^m$ | 100°47′ |
| 54 9- 6 | $23^s,65$ G | |
| 60 8-25 | 23,87 G | |
| 10-17 | 23,75 G | |
| 61 8-17 | 23,81 G | |
| 10- 3 | 23,79 G | $58'',0$ G |
| 10-20 | 23,73 G | 56,8 G |
| III. | | |
| | $21^h30^m$ | 100°43′ |
| 78 8-23 | $12^s,11$ G | $59'',1$ G |
| 8-24 | 12,14 G | 58,5 G |

**30603 P. — 42060 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | | |
| | $21^h29^m$ | 96°37′ |
| 55 9-15 | $24^s,66$ G | |
| 58 7-30 | | $40'',2$ G |
| 8-27 | | 42,7 F |
| 9- 4 | | 40,5 G |
| 9- 8 | | 40,2 G |
| 59 10- 5 | | 41,2 G |
| III. | | |
| | $21^h30^m$ | 96°33′ |
| 79 9-10 | $12^s,28$ J | $43'',6$ J |

**30604 P. — 713 W$_2$.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | | |
| | $21^h29^m$ | 62°22′ |
| 58 10-15 | $33^s,13$ G | |

**30605 P. — 42056 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | | |
| | $21^h29^m$ | 104°36′ |
| 54 9- 2 | $24^s,83$ G | |
| III. | | |
| | $21^h30^m$ | 104°32′ |
| 78 8-26 | $14^s,16$ M | $9'',8$ M |

**30606 P. — 42075 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | | |
| | $21^h29^m$ | 82°44′ |
| 56 9- 1 | $30^s,20$ G | |
| 10-21 | | $16'',9$ G |
| III. | | |
| | $21^h30^m$ | 82°40′ |
| 79 10- 4 | $14^s,41$ G | $22'',8$ G |

**30607 P. — 42059 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | | |
| | $21^h29^m$ | 102°2′ |
| 54 9- 8 [1] | $26^s,29$ G | |
| III. | | |
| | $21^h30^m$ | 101°58′ |
| 79 10- 7 | $14^s,82$ J | $16'',5$ J |

[1] 𝒜 augmentée de $1^m$.

**30608 P. — 28941 Mn$_1$.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | | |
| | $21^h29^m$ | 79°8′ |
| 58 8- 3 | $33^s,29$ G | |

**30609 P. — 42114-15 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | | |
| | $21^h29^m$ | 46°55′ |
| 66 8- 6 | $44^s,24$ G | |
| III. | | |
| | $21^h30^m$ | 46°51′ |
| 80 8-30 | $19^s,04$ G | $14'',5$ G |
| 9- 3 | 19,30 G | 14,5 G |

**30610 P. — 714 W$_2$.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | | |
| | $21^h29^m$ | 71°35′ |
| 59 7-17 | $38^s,75$ G | |

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|

### 30611 P. — 42091 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 21h30m | 64°11' |
| 80 9- 1 | 20s,79 J | 18",1 J |
| 9- 2 | 20,85 J | 19,6 J |
| 9- 5 | 20,82 J | 18,6 J |

### 30612 P. — 42080 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h29m | 79°4' |
| 58 8- 3 | 38s,77 G | 47",2 G |
| 8-11 | 38,85 G | 47,5 G |

### 30613 P. — 42084 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h29m | 74°33' |
| 56 8-15 | 40s,09 G | |
| 61 8-14 | 40,18 G | |
| 8-29 | | 53",2 G |
| 10- 2 | 40,03 G | 54,0 G |

### 30614 P. — 42067 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h29m | 95°24' |
| 57 10-16 | 36s,29 G | 43",0 G |
| | III. | |
| | 21h30m | 95°20' |
| 68 10- 9 | 23s,60 M | 45",3 M |

### 30615 P. — 28951 $Mn_1$.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 21h30m | 98°22' |
| 76 10- 7 | 28s,53 M | 30",3 M |
| 80 8-26 | 28,59 M | 29,4 M |
| 8-31 | 28,56 M | 29,2 M |

### 30616 P. — 726 $W_2$.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 21h30m | 50°21' |
| 80 9-26 | 31s,66 J | 42",4 J |

### 30617 P. — 42236 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 21h30m | 14°22' |
| 53 8- 6 | 35s,26 G | |
| 9- 9 | 35,19 G | |
| 9-24[1] | 34,98 G | |

[1] 𝒜 diminuée de 1m : erreur de moy.

### 30618 P. — 42092 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 21h30m | 71°55' |
| 81 9-15 | 33s,01 J | 37",3 J |
| 9-16 | 33,25 J | 38,5 J |

### 30619 P. — 42132 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 21h30m | 38°15' |
| 81 9-16 | | 19",3 G |
| 10-18 | 34s,02 G | 20,5 G |

### 30620 P. — 42073-74 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h29m | 102°5' |
| 54 9- 7 | | 12",4 G |
| 57 9-27 | 46s,51 G | |
| 58 9-13 | | 10,8 G |
| | III. | |
| | 21h30m | 102°1' |
| 79 9- 8[1] | 35s,24 J | 10",8 J |
| 80 8-13 | 35,16 M | 10,4 M |

[1] 𝒜 augm. de 0s,25, et 𝒟 de 1",6 : erreur de réduct.

### 30621 P. — 42095 et 97 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h29m | 74°55' |
| 61 10-24[1] | 54s,95 G | 54",2 G |
| 11- 3 | 54,85 G | |
| | III. | |
| | 21h30m | 74°51' |
| 79 9-12 | 37s,37 G | 56",2 G |

[1] 𝒜 dim. de 0s,40 : err. de 1s sur 2 fils.

### 30622 P. — 42064 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h29m | 109°51' |
| 58 8-15 | | 26",6 G |
| | III. | |
| | 21h30m | 109°47' |
| 80 8-23 | 38s,12 M | 26",6 M |

### 30623 P. — 42093-94 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h29m | 78°45' |
| 58 8-24 | 55s,83 G | 19",4 G |
| 11- 3 | 55,87 G | |
| 62 8- 6 | 55,88 G | 19,4 G |

### 30624 P. — 42088 et 96 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h29m | 84°48' |
| 55 9-28 | 54s,63 G | |
| 10- 9 | 54,63 G | |
| 56 9- 2 | | 22",2 G |
| 9- 5 | 54,55 G | |
| 57 8- 2 | 54,73 G | 20,4 G |
| 58 9-15 | 54,51 G | |
| 60 10- 6 | 54,80 G | 22,8 G |

### 30624 P. (suite).

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 21h30m | 84°44' |
| 71 9- 9 | 39s,48 M | 24",0 M |
| 81 9- 4 | 39,70 J | 26,3 J |

### 30625 P. — 6256 Sf. — 20°.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h29m | 110°14' |
| 55 8- 5 | 51s,44 G | |

### 30626 P. — 42101 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 21h30m | 75°38' |
| 81 8-10 | 42s,52 J | 41",1 J |

### 30627 P. — 42118 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h30m | 60°34' |
| 58 8-28 | 8s,15 G | 17",8 G |
| | III. | |
| | 21h30m | 60°30' |
| 80 9- 5 | 47s,28 M | 19",7 M |

### 30628 P. — 28972 $Mn_1$.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h30m | 101°39' |
| 55 8-17[1] | 1s,95 G | |

[1] Indiquée à tort comme 42064 L. Le cahier-minute porte ✱ $h = 29°32'$.

### 30629 P. — 42122 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h30m | 61°5' |
| 58 9-23 | 15s,08 G | |
| 60 10-24 | 15,41 G | 4",7 G |
| 61 10- 5 | | 5,1 G |
| 62 9-12 | 15,14 G | 4,7 G |

### 30630 P. — 42081 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h30m | 106°52' |
| 54 9-26 | 4s,91 G | |
| 58 9- 9 | 4,95 G | 43",6 G |
| | III. | |
| | 21h30m | 106°48' |
| 78 9-24 | 54s,47 M | 45",5 M |
| 9-29 | 54,70 M | 45,2 M |

### 30631 P. — 42129 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 21h30m | 50°21' |
| 80 9-29 | 56s,69 J | 10",4 J |

### 30632 P. — 42103 et 05 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h30m | 84°46' |
| 56 8-29 | | 28",0 G |
| 9- 5 | 14s,62 G | |
| 57 8- 2 | 14,94 G | |
| 9-19 | 14,61 G | |
| 10-24 | | 27,0 G |
| 58 9-15 | 14,69 G | |
| 60 10- 6 | 14,70 G | 27,3 G |
| | III. | |
| | 21h30m | 84°42' |
| 81 9-18 | 59s,57 J | 28",4 J |

### 30633 P. — 42086 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h30m | 107°50' |
| 54 9-27 | 10s,51 G | 9",9 G |
| | III. | |
| | 21h31m | 107°46' |
| 79 10- 3 | 0s,17 J | 9",9 J |

### 30634 P. — 42109 à 12 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 21h29m | 78°58' |
| 43 9-29 | 34s,91 G | |
| | II. | |
| | 21h30m | 78°54' |
| 56 8-30 | | 25",8 G |
| | III. | |
| | 21h31m | 78°50' |
| 71 8-19 | 2s,34 G | |
| 75 8-26 | 2,41 G | |

### 30635 P. — 42098-99 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 21h29m | 98°32' |
| 37 7-29 | 29s,79 G | |
| 39 9- 7 | | 45",0 F |
| 40 12- 1 | 29,78 G | |
| 41 8-27 | 29,79 G | |
| 8-28 | 29,70 G | |
| 44 10-20 | 29,55 G | |
| 48 10- 7 | 29,67 G | 46,8 G |
| 10- 8 | 29,74 G | 47,0 G |
| 49 8-15 | 29,80 G | |
| 52 11- 6 | 29,69 G | |
| | II. | |
| | 21h30m | 98°28' |
| 55 9- 9 | 17s,62 G | |
| 56 7-26 | 17,75 G | 47",5 G |
| 7-28 | | 46,3 G |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (AR, Décl.)

### 30635 P. (suite).

| A. M. J. | AR | Décl. |
|---|---|---|
| II. | $21^h30^m$ | 98°28' |
| 57 8-10 | | 45",9 G |
| 8-16 | 17s,64 G | |
| 60 10-22 | 17,80 G | 48,0 G |
| 61 10-12 | 17,83 G | 48,5 G |
| 62 9-6 | 17,67 G | 49,2 G |
| 10-31 | | 48,4 G |
| 63 9-24 | | 49,7 M |
| III. | $21^h31^m$ | 98°24' |
| 76 10-6 | 5s,75 M | 49",4 M |
| 79 8-31 | 6,18 G | 48,8 G |
| 81 10-3 | 5,81 M | 49,3 M |
| 10-3 | 5,44 J | 49,2 J |
| 10-4 | 5,78 M | 50,5 M |
| 10-30[1] | 5,48 G | 49,9 G |
| 10-31 | 5,89 G | |

[1] Décl. diminuée de 5",5 : erreur de réduct.

### 30636 P. — 28989 Mn1.

| A. M. J. | AR | Décl. |
|---|---|---|
| I. | $21^h29^m$ | 100°17' |
| 40 8-28 | 32s,31 G | |

### 30637 P. — 42130 L.

| A. M. J. | AR | Décl. |
|---|---|---|
| II. | $21^h30^m$ | 58°31' |
| 66 9-10 | 32s,34 G | |
| III. | $21^h31^m$ | 58°27' |
| 69 9-28 | 10s,96 M | 27",4 M |
| 75 9-1 | 10,92 M | 27,3 M |
| 9-6 | 11,03 M | 25,9 M |

### 30638 P. — 213 Piazzi.

| A. M. J. | AR | Décl. |
|---|---|---|
| I. | $21^h29^m$ | 86°0' |
| 40 10-10 | 42s,16 G | |
| 10-12 | 41,94 G | |
| 10-13 | 42,16 G | |

### 30639 P. — 28993 Mn1.

| A. M. J. | AR | Décl. |
|---|---|---|
| II. | $21^h30^m$ | 92°58' |
| 58 9-5 | 26s,03 G | |

### 30640 P. — 42146-47 L.

| A. M. J. | AR | Décl. |
|---|---|---|
| III. | $21^h31^m$ | 48°37' |
| 80 8-27 | 12s,85 G | 31",3 G |
| 9-1 | 13,07 G | |

### 30641 P. — 42134 L.

| A. M. J. | AR | Décl. |
|---|---|---|
| III. | $21^h31^m$ | 57°19' |
| 80 9-30 | 13s,47 J | 28",0 J |
| 10-1 | 13,34 J | 26,9 J |

### 30642 P. — 42133 L.

| A. M. J. | AR | Décl. |
|---|---|---|
| III. | $21^h31^m$ | 58°7' |
| 80 9-8 | 13s,89 J | 49",5 J |
| 9-9 | 14,01 J | 50,3 J |

### 30643 P. — 42125 L.

| A. M. J. | AR | Décl. |
|---|---|---|
| II. | $21^h30^m$ | 70°50' |
| 58 9-8 | | 28",4 F |
| 10-3 | 32s,30 G | |
| III. | $21^h31^m$ | 70°46' |
| 71 9-2 | 14s,39 G | 29",8 G |

### 30644 P. — 42102 L.

| A. M. J. | AR | Décl. |
|---|---|---|
| II. | $21^h30^m$ | 99°19' |
| 55 9-26 | 26s,75 G | 23",4 G |
| III. | $21^h31^m$ | 99°15' |
| 79 8-25 | 14s,86 J | 23",9 J |

### 30645 P. — 42131 L.

| A. M. J. | AR | Décl. |
|---|---|---|
| II. | $21^h30^m$ | 60°57' |
| 58 9-19 | 36s,82 G | |
| 60 10-24 | 36,67 G | |
| 61 10-28 | 36,52 G | 14",9 G |
| III. | $21^h31^m$ | 60°53' |
| 71 10-14 | 16s,09 G | 15",7 G |

### 30646 P. — 42106 L.

| A. M. J. | AR | Décl. |
|---|---|---|
| II. | $21^h30^m$ | 95°51' |
| 57 8-7 | 29s,07 G | 36",0 G |
| 8-11 | 29,14 G | |
| 10-29 | 29,05 G | 35,2 G |
| 58 9-26 | 29,11 G | 34,4 G |
| 9-27 | 29,27 G | |
| III. | $21^h31^m$ | 95°47' |
| 74 8-19 | 16s,51 G | |

### 30647 P. — 12708 Cambridge.

| A. M. J. | AR | Décl. |
|---|---|---|
| II. | $21^h30^m$ | 63°20' |
| 58 10-29 | 37s,06 G | |

### 30648 P. — 42153 L.

| A. M. J. | AR | Décl. |
|---|---|---|
| II. | $21^h30^m$ | 45°15' |
| 59 10-16 | | 4",9 G |
| III. | $21^h31^m$ | 45°11' |
| 79 9-18 | 17s,52 G | 0",8 G |
| 10-16 | 17,31 G | 1,4 G |

### 30649 P. — 42104 L.

| A. M. J. | AR | Décl. |
|---|---|---|
| I. | $21^h29^m$ | 105°36' |
| 40 11-3 | 43s,57 G | |
| 11-6 | 43,46 G | |
| 43 9-29 | | 18",6 G |
| II. | $21^h30^m$ | 105°32' |
| 54 9-11 | 33s,00 G | |
| 58 10-29 | | 19",5 F |
| 60 8-16 | 33,21 G | 18,6 F |
| 9-12 | 33,46 G | 18,9 G |
| 10-3 | 33,27 G | 19,0 G |
| 61 9-25 | 33,17 G | 19,7 G |
| 10-4 | | 19,2 G |

### 30650 P. — 9584 Brux.

| A. M. J. | AR | Décl. |
|---|---|---|
| II. | $21^h30^m$ | 83°54' |
| 57 8-13 | 39s,06 G | |

### 30651 P. — 42164 L.

| A. M. J. | AR | Décl. |
|---|---|---|
| III. | $21^h31^m$ | 37°43' |
| 81 10-1[1] | | 33",7 G |

[1] Décl. diminuée de 1'.

### 30652 P. — 42108 L.

| A. M. J. | AR | Décl. |
|---|---|---|
| II. | $21^h30^m$ | 101°31' |
| 56 8-5 | 36s,53 G | |
| 60 8-17 | 36,88 G | 35",5 F |
| 62 8-5 | 36,95 G | 35,3 G |
| III. | $21^h31^m$ | 101°27' |
| 78 9-2 | 25s,72 M | 34",1 M |
| 9-30 | 25,61 M | 33,7 M |

### 30653 P. — 42135 L.

| A. M. J. | AR | Décl. |
|---|---|---|
| II. | $21^h30^m$ | 63°15' |
| 58 10-29 | 46s,54 G | |
| 61 9-19 | | 54",0 G |
| 10-10 | 46,45 G | 54,5 G |
| 10-15 | 46,41 G | 54,9 G |

### 30654 P. — 42143 L.

| A. M. J. | AR | Décl. |
|---|---|---|
| III. | $21^h31^m$ | 57°51' |
| 69 10-9 | 26s,38 M | 19",6 M |
| 75 8-23 | 26,54 M | 18,9 M |
| 76 8-24 | 26,37 M | 18,6 M |

### 30655 P. — 42107 L.

| A. M. J. | AR | Décl. |
|---|---|---|
| II. | $21^h30^m$ | 104°9' |
| 55 7-27 | 37s,60 G | |
| 60 10-9 | 37,89 G | 40",3 G |
| 62 9-19[1] | 37,48 G | |
| III. | $21^h31^m$ | 104°5' |
| 80 9-1 | 26s,77 M | 39",5 M |

[1] AR augmentée de 5s : erreur de réduct.

### 30656 P. — 42127 L.

| A. M. J. | AR | Décl. |
|---|---|---|
| II. | $21^h30^m$ | 79°26' |
| 58 8-16 | | 21",3 G |
| 9-30 | 45s,29 G | 21,6 G |
| 10-4 | | 21,8 G |
| III. | $21^h31^m$ | 79°22' |
| 71 9-3 | 28s,90 G | 21",6 G |

### 30657 P. — 42124 L.

| A. M. J. | AR | Décl. |
|---|---|---|
| II. | $21^h30^m$ | 83°59' |
| 57 10-7 | 44s,75 G | |
| III. | $21^h31^m$ | 83°55' |
| 71 9-5 | 29s,50 M | 53",7 M |
| 9-12 | 29,42 M | 52,9 M |

### 30658 P. — 42126 L.

| A. M. J. | AR | Décl. |
|---|---|---|
| I. | $21^h30^m$ | 84°4' |
| 39 9-13 | | 28",4 F |
| 9-18 | 0s,19 G | |
| 40 9-12 | 0,20 G | |
| 46 7-31 | 0,07 G | |
| 8-14 | | 30,1 G |
| 8-22 | | 29,8 G |
| 8-23 | 0,07 G | 30,5 G |
| 8-26 | | 30,1 G |

Dates 1800 + | Positions moyennes pour les époques du Catal.

### 30658 P. (suite).

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 21h30m | 84°4' |
| 46 9-5 | 0s,30 G | |
| 9-22 | | 30",6 G |
| 10-20 | | 30,0 F |
| 11-2 | 0,39 G | 29,8 G |
| 11-14 | 0,25 G | 31,0 G |
| 47 7-29 | 0,07 G | |
| 8-1 | | 29,1 F |
| 9-10 | 0,32 G | 29,8 G |
| 9-30 | 0,45 G | |
| 48 8-29 | | 30,4 G |
| 9-2 | | 31,4 G |
| 9-19 | 0,26 G | |
| 9-22 | | 30,5 G |
| 49 9-17 | 0,29 G | |
| 9-26 | | 30,9 G |
| II. | 21h30m | 84°0' |
| 57 7-10 | 44s,96 G | |
| 8-13 | 45,05 G | |
| 10-7 | 45,11 G | 31",8 G |
| III. | 21h31m | 83°56' |
| 71 9-18 | | 30",6 M |
| 79 9-24 | 29s,81 G | 32,8 G |

### 30659 P. — 42154 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 21h31m | 51°4' |
| 81 8-27 | 29s,68 J | 46",5 J |
| 9-19 | 29,89 J | 46,9 J |

### 30660 P. — 42150 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 21h31m | 56°50' |
| 80 8-30 | 34s,76 J | 30",4 J |
| 81 8-24 | 34,86 J | 33,2 J |
| 9-28 | 34,87 J | 33,1 J |

### 30661 P. — 5262 Sf. — 3e.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h30m | 92°59' |
| 58 8-17 | 53s,17 G | |

### 30662 P. — 756 W2.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h31m | 71°17' |
| 60 10-25 | | 28",5 G |

### 30663 P. — 42128 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h30m | 92°55' |
| 58 8-17 | 57s,49 G | 12",9 G |
| 9-5 | 57,46 G | 11,8 G |

### 30663 P. (suite).

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 21h31m | 92°51' |
| 76 8-16 | 43s,68 G | 18",7 G |
| 9-19 | 43,57 G | 18,0 G |
| 9-20 | 43,46 G | 16,1 G |
| 78 9-27 | 43,47 G | 18,1 G |

### 30664 P. — 42136-37 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 21h30m | 75°28' |
| 40 8-20 | | 34",9 F |
| II. | 21h31m | 75°24' |
| 58 10-5 | 0s,99 G | 35",5 G |
| III. | 21h31m | 75°20' |
| 71 8-16 | 44s,06 G | |

### 30665 P. — 42141-42 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 21h30m | 75°38' |
| 40 8-20 | | 7",3 F |
| II. | 21h31m | 75°34' |
| 58 9-12 | | 7",9 G |
| 59 8-29 | 5s,27 G | 7,8 G |
| III. | 21h31m | 75°30' |
| 71 9-12 | 48s,35 G | |

### 30666 P. — 42177 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 21h31m | 39°52' |
| 80 10-18 | 48s,96 G | 50",0 G |

### 30667 P. — 42157 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h31m | 61°9' |
| 58 8-10 | 10s,30 G | |
| 59 9-23 | 10,23 G | |
| 60 10-24 | | 16",1 G |
| 61 10-14 | 10,38 G | 15,7 G |
| III. | 21h31m | 61°5' |
| 71 9-17 | 49s,65 G | 15",6 G |

### 30668 P. — 42182 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 21h31m | 37°44' |
| 81 10-1 | 50s,12 G | |

### 30669 P. — 42121 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 21h30m | 110°19' |
| 41 10-18 | 9s,09 G | |
| 10-19 | 9,10 G | |
| 10-20 | 9,02 G | |

### 30670 P. — 42113 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h30m | 117°55' |
| 56 9-25 | | 56",0 G |
| 57 7-11 | 57s,93 G | |
| 59 10-22 | | 55,0 G |
| III. | 21h31m | 117°51' |
| 79 9-2 | 51s,12 J | 59",1 J |

### 30671 P. — 42151 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 21h30m | 71°22' |
| 39 10-8 | 30s,28 G | |
| 40 10-8 | 30,23 G | |
| 42 10-11 | 30,23 G | |
| 46 8-10 | 30,32 G | |
| II. | 21h31m | 71°18' |
| 58 7-21 | | 34",3 G |
| 60 10-4 | | 33,8 G |
| 10-25 | 12s,34 G | 35,8 G |
| 62 8-13 | 12,33 G | |
| 63 9-15 | | 35,2 G |
| 9-27 | | 34,3 G |
| 64 10-20 | | 35,2 G |
| 65 8-30 | | 34,7 G |
| 9-15 | | 34,6 G |
| 9-16 | | 34,8 G |
| 9-18 | | 34,6 G |

### 30672 P. — 42169 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 21h30m | 50°16' |
| 46 9-30 | | 50",9 G |
| 10-23 | | 49,5 G |
| 47 9-29 | | 50,0 G |
| 10-13 | | 50,9 G |
| 49 8-6 | 44s,53 G | |
| 9-30 | 44,43 G | |
| 50 8-12 | | 51,2 G |
| 9-7 | 44,39 G | |
| III. | 21h31m | 50°8' |
| 74 8-21 | 56s,05 M | 49",3 M |
| 81 9-29 | 56,37 M | 49,2 M |

### 30673 P. — 42138 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h31m | 92°38' |
| 57 9-15 | | 36",5 G |

### 30673 P. (suite).

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 21h32m | 92°34' |
| 79 10-4 | 3s,59 J | 36",5 J |
| 10-16 | 3,72 J | 37,4 J |

### 30674 P. — 21539 A.O.

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 21h30m | 112°24' |
| 43 9-23 | 22s,25 G | |

### 30675 P. — 8319 Berlin B.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h31m | 66°38' |
| 59 8-21 | 24s,49 G | 30",9 G |

### 30676 P. — 42168 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 21h32m | 55°57' |
| 74 8-19 | 6s,52 M | 32",3 M |
| 9-14 | 6,51 G | 32,3 G |

### 30677 P. — 42140 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 21h32m | 94°8' |
| 68 10-8 | 8s,08 M | 42",8 M |
| 79 9-1 | 8,01 M | 41,7 M |
| 9-3 | 8,05 M | 42,6 M |

### 30678 P. — 42144 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h31m | 94°46' |
| 55 9-20 | 22s,37 G | |
| 57 7-31 | | 40",0 G |
| III. | 21h32m | 94°42' |
| 80 9-2 | 9s,53 M | 41",6 M |

### 30679 P. — 42192 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 21h32m | 80°44' |
| 81 9-15[1] | 11s,83 M | 5",9 M |

[1] Æ augmentée de 0s,40 : err. de transcr.

### 30680 P. — 744 W1.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 21h31m | 80°25' |
| 58 8-12 | 29s,20 G | |

### 30681 P. — 42145 L.

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜 | 𝒟 |
|---|---|---|
| II. | 21h31m | 99°0′ |
| 58 9-11 | | 59″,7 F |
| 59 9-5 | 27s,19 G | |
| 61 9-5 | 27,18 G | 58,3 G |
| 9-30 | 27,20 G | 58,0 G |
| 62 9-13 | 27,19 G | 56,3 G |

### 30682 P. — 42155-56 L.

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜 | 𝒟 |
|---|---|---|
| I. | 21h30m | 84°55′ |
| 37 9-26 | 46s,08 G | |
| 9-27 | 46,00 G | |
| 9-28 | 46,01 G | |
| 9-29 | 46,06 G | |
| 10-1 | 45,94 G | |
| 10-3 | 46,09 G | |
| 10-4 | 45,98 G | |
| 42 10-16 | 46,12 G | |
| 10-17 | 46,06 G | |
| 46 9-10 | 46,13 G | |
| 10-20 | | 29″,2 G |
| 10-21 | | 29,3 G |
| 11-11 | | 29,2 G |
| 49 8-26 | 45,96 G | |
| 11-28 | 46,18 G | |
| 11-29 | 46,11 G | |
| 50 9-7 | | 30,1 G |
| 52 9-3 | 46,14 G | |
| II. | 21h31m | 84°51′ |
| 56 10-18 | | 29″,7 G |
| 57 9-11 | | 28,7 G |
| 10-12 | 31s,22 G | 29,1 G |
| 60 10-6 | 31,23 G | 29,0 G |
| III. | 21h32m | 84°47′ |
| 74 9-15 | 16s,15 M | 28″,7 M |
| 9-18 | 16,28 M | 28,7 M |
| 75 8-23 | 16,29 G | 28,5 G |

### 30683 P. — 42158 et 95 L.

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜 | 𝒟 |
|---|---|---|
| II. | 21h31m | 80°26′ |
| 57 7-27 | 32s,90 G | |
| 58 8-12 | 32,96 G | 36″,6 G |
| 59 8-24 | 32,86 G | |
| III. | 21h32m | 80°22′ |
| 79 9-8 | 16s,75 G | 36″,9 G |

### 30684 P. — 42148 L.

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜 | 𝒟 |
|---|---|---|
| III. | 21h32m | 104°27′ |
| 81 9-28 | 25s,92 M | 21″,7 M |
| 9-30 | 25,91 M | 21,4 M |

### 30685 P. — 42149 L.

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜 | 𝒟 |
|---|---|---|
| II. | 21h31m | 104°41′ |
| 54 9-22 | 36s,46 G | |
| 61 10-26 | 36,78 G | 16″,3 G |

### 30686 P. — 29063 $Mn_1$

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜 | 𝒟 |
|---|---|---|
| II. | 21h31m | 93°8′ |
| 58 9-8 | | 28″,4 G |

### 30687 P. — 42165-66 L.

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜 | 𝒟 |
|---|---|---|
| II. | 21h31m | 76°56′ |
| 56 9-19 | | 39″,7 G |
| 58 10-2 | | 40,6 G |
| 60 9-11 | 46s,00 G | 40,3 G |
| 61 10-16 | 45,90 G | 39,4 G |
| 62 9-25 | 45,86 G | 40,7 G |
| III. | 21h32m | 76°52′ |
| 71 9-9 | 29s,29 G | |

### 30688 P. — 42159 L.

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜 | 𝒟 |
|---|---|---|
| III. | 21h32m | 92°8′ |
| 68 9-1 | 30s,90 M | 18″,3 M |
| 81 10-1 | 30,94 M | 19,5 M |

### 30689 P. — 42181 L.

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜 | 𝒟 |
|---|---|---|
| II. | 21h31m | 60°46′ |
| 58 8-7 | 52s,94 G | |
| 60 10-17 | 53,04 G | 16″,7 G |
| III. | 21h32m | 60°42′ |
| 71 10-12 | 32s,36 G | |
| 10-15 | 32,42 G | 14″,4 G |
| 10-23 | 32,46 G | |

### 30690 P. — 42186 L.

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜 | 𝒟 |
|---|---|---|
| II. | 21h31m | 57°25′ |
| 67 8-31 | 55s,84 G | 47″,5 G |
| III. | 21h32m | 57°21′ |
| 74 8-20 | 34s,23 M | 46″,5 M |
| 8-22 | 34,27 M | 47,7 M |

### 30691 P. — 42205 L.

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜 | 𝒟 |
|---|---|---|
| I. | 21h31m | 45°59′ |
| 40 9-12 | | 49″,4 F |

### 30691 P. (suite).

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜 | 𝒟 |
|---|---|---|
| II. | 21h32m | 45°55′ |
| 67 10-2 | 5s,92 M | 50″,8 M |
| 10-3 | 6,05 M | 50,1 M |
| 10-5 | 5,98 M | 49,9 M |
| 10-8 | 6,27 M | 51,3 M |

### 30692 P. — 7563 Albany.

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜 | 𝒟 |
|---|---|---|
| I. | 21h31m | 85°23′ |
| 48 10-26 | 11s,29 G | |

### 30693 P. — 42187 L.

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜 | 𝒟 |
|---|---|---|
| II. | 21h32m | 62°42′ |
| 58 9-14 | 3s,17 G | 51″,8 G |
| 9-17 | 3,36 G | 50,2 G |

### 30694 P. — 42193 L.

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜 | 𝒟 |
|---|---|---|
| III. | 21h32m | 57°26′ |
| 69 10-6 | 43s,78 M | 12″,6 M |
| 74 10-7 | | 13,8 G |
| 75 8-27 | 43,81 G | 11,4 G |

### 30695 P. — 42152 L.

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜 | 𝒟 |
|---|---|---|
| II. | 21h31m | 115°51′ |
| 57 8-12 | 52s,10 G | |
| 58 8-5 | | 7″,5 G |
| 10-31 | 52,08 G | 7,6 G |

### 30696 P. — 42198 L.

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜 | 𝒟 |
|---|---|---|
| II. | 21h32m | 51°18′ |
| 66 9-20 | 7s,62 G | |
| 67 8-23 | 7,79 G | 41″,5 G |
| III. | 21h32m | 51°14′ |
| 68 10-7 | 44s,14 G | 39″,4 G |
| 10-8 | 44,16 G | 39,3 G |
| 81 10-1 | 44,35 J | 40,1 J |

### 30697 P. — 42160-61 L.

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜 | 𝒟 |
|---|---|---|
| II. | 21h31m | 101°12′ |
| 54 8-24 | 56s,31 G | |
| 8-25 | 56,26 G | |
| 8-29 | | 18″,7 G |
| 59 9-7 | | 18,9 G |

### 30698 P. — 42162-63 L.

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜 | 𝒟 |
|---|---|---|
| II. | 21h31m | 100°57′ |
| 54 8-27 | 58s,34 G | 27″,1 G |

### 30698 P. (suite).

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜 | 𝒟 |
|---|---|---|
| III. | 21h32m | 100°53′ |
| 78 8-26 | 46s,85 M | 25″,9 M |
| 9-18 | 47,04 M | 26,4 M |

### 30699 P. — 42185 L.

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜 | 𝒟 |
|---|---|---|
| II. | 21h32m | 71°39′ |
| 58 8-11 | 7s,48 G | 14″,6 G |
| 10-12 | 7,42 G | |
| III. | 21h32m | 71°35′ |
| 71 8-12 | 49s,80 G | 13″,6 G |

### 30700 P. — 42180 L.

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜 | 𝒟 |
|---|---|---|
| II. | 21h32m | 80°44′ |
| 57 9-20 | 9s,32 G | 22″,7 G |
| III. | 21h32m | 80°40′ |
| 71 9-4[1] | 53s,55 M | 24″,2 M |
| 9-16 | 53,35 M | 24,9 M |

[1] 𝒟 diminuée de 3″,3 : erreur de 20″ sur un microscope.

### 30701 P. — 42225 L.

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜 | 𝒟 |
|---|---|---|
| III. | 21h32m | 37°11′ |
| 80 8-23 | 54s,03 G | 0″,7 G |
| 10-1 | 53,96 G | 1,4 G |

### 30702 P. — 42167 L.

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜 | 𝒟 |
|---|---|---|
| II. | 21h32m | 98°49′ |
| 57 10-16 | 6s,72 G | |
| 59 10-5[1] | | 29″,5 G |
| III. | 21h32m | 98°45′ |
| 79 10-3 | 54s,50 M | 29″,1 M |

[1] 𝒟 diminuée de 1′.

### 30703 P. — 42196 L.

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜 | 𝒟 |
|---|---|---|
| II. | 21h32m | 62°56′ |
| 58 11-7 | 17s,78 G | 25″,3 G |
| 59 10-2 | 17,64 G | |
| III. | 21h32m | 62°52′ |
| 79 9-28 | 57s,63 G | 24″,5 G |

### 30704 P. — 761 W₁.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. Æ | D |
|---|---|---|
| | II. | |
| | 21h32m | 78°58' |
| 62 8-31 | 15s,05 G | 51",6 G |

### 30705 P. — 42209 L.

| Dates 1800 + A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 21h32m | 49°32' |
| 66 8-10 | 26s,16 G | |
| 8-22 | 26,22 G | |
| 67 10-1 | 26,26 M | 41",3 M |
| | III. | |
| | 21h33m | 49°28' |
| 79 9-10 | 1s,97 G | 43",1 G |

### 30706 P. — 42179 L.

| Dates 1800 + A. M. J. | Æ | D |
|---|---|---|
| | I. | |
| | 21h31m | 90°44' |
| 46 7-23 | 31s,92 G | |
| 10-1 | | 58",1 G |
| 10-18 | 31,99 G | |
| 10-19 | 31,95 G | |
| 11-3 | | 56,5 G |
| 47 8-13 | 32,00 G | |
| 8-14 | 32,08 G | |
| 8-16 | 32,07 G | |
| 8-31 | 31,84 G | |
| 10-11 | 31,97 G | 55,0 F |
| 48 8-5 | 31,95 G | 56,6 G |
| 8-12 | | 56,5 G |
| 49 12-8 | 31,93 G | |
| 50 8-14 | 32,01 G | |
| 9-4 | 32,01 G | |
| | II. | |
| | 21h32m | 90°40' |
| 55 9-15 | 18s,47 G | 57",2 G |
| 57 9-14 | | 55,8 G |
| 9-18 | | 56,4 G |
| | III. | |
| | 21h33m | 90°36' |
| 78 9-24 | 4s,91 G | 55",5 G |
| 79 10-12 | 4,88 J | 55,2 J |

### 30707 P. — 12744 Cambridge.

| Dates 1800 + A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 21h32m | 63°17' |
| 58 10-29[1] | 25s,25 G | |

[1] Æ diminuée de 0s,60 : erreur de 1s sur trois fils.

### 30708 P. — 798 W₂.

| Dates 1800 + A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 21h32m | 66°13' |
| 58 8-8[1] | 24s,73 G | |

[1] Indiquée 42200 L. : l'observation a été faite avec celle de 42221 L., dont la déclinaison est +23°51'.

### 30709 P. — 42200-01 L.

| Dates 1800 + A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 21h32m | 65°7' |
| 58 8-6 | 26s,69 G | |
| 8-31 | 26,72 G | 50",9 G |
| 59 7-28 | 26,88 G | |
| 9-24 | 26,65 G | 50,4 G |
| 10-22 | 26,65 G | |
| | III. | |
| | 21h33m | 65°3' |
| 71 8-26 | 7s,40 M | 50",0 M |
| 8-26 | 7,33 G | 49,9 G |
| 8-29 | 7,34 M | 50,5 M |
| 9-18 | 7,18 G | 50,6 G |
| 10-5 | 7,20 G | |

### 30710 P. — 42170 à 73 L.

40 γ Capricorne.

Étoile fondamentale.

### 30711 P. — 42237 L.

| Dates 1800 + A. M. J. | Æ | D |
|---|---|---|
| | III. | |
| | 21h33m | 37°43' |
| 80 9-14 | 10s,30 G | 25",6 G |
| 9-22 | 10,53 G | 26,1 G |
| 81 9-29 | 10,04 G | 25,8 G |

### 30712 P. — 42199 L.

| Dates 1800 + A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 21h32m | 70°21' |
| 56 8-13 | 29s,57 G | |
| 9-20 | | 52",8 G |
| 57 6-18 | 29,65 G | |
| 7-12 | 29,63 G | |
| 58 9-6 | 29,69 G | 52,6 G |
| 60 9-3[1] | 29,89 G | 53,0 G |
| 62 7-21 | 29,93 G | |
| 7-25 | 29,69 G | |
| 7-27 | 29,78 G | |
| 7-30 | 29,75 G | |
| 9-5 | 29,76 G | |
| 63 7-31 | 29,57 G | |
| 8-1 | 29,69 G | |
| 8-7 | 29,78 G | |
| 8-12 | 29,69 G | |
| 8-14 | 29,69 G | |
| 8-17 | 29,71 G | |
| 8-25 | 29,62 G | |
| 8-31 | 29,68 G | |
| 9-11 | 29,82 G | |
| 9-12 | 29,80 G | |
| 9-15 | 29,67 G | |
| 9-18 | 29,65 G | |
| 9-19 | 29,79 G | |
| 9-27 | 29,80 G | |
| 64 8-3 | 29,73 G | |
| 8-16 | 29,67 G | |
| 8-27 | 29,73 G | |
| 8-28 | 29,80 G | |
| 9-5 | 29,73 G | |
| 9-9 | 29,74 G | |
| 9-23 | 29,79 G | |
| 9-26 | 29,79 G | |
| 9-29 | 29,65 G | |
| 9-30 | 29,72 G | |

### 30712 P. (suite).

| Dates 1800 + A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 21h32m | 70°21' |
| 64 10-1 | 29s,72 G | |
| 10-17 | 29,71 G | |
| 65 9-1 | 29,69 G | |
| 9-6 | 29,75 G | |
| 9-7 | 29,59 G | |
| 9-8 | 29,80 G | |
| 9-12 | 29,76 G | |
| 9-23 | | 53",8 G |
| 9-25 | | 53,8 G |
| 9-26 | | 54,0 G |
| 10-6 | 29,74 G | |
| | III. | |
| | 21h33m | 70°17' |
| 72 9-1 | 11s,56 G | |

[1] D diminuée de 1' : erreur de transcr.

### 30713 P. — 42178 L.

| Dates 1800 + A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 21h32m | 98°51' |
| 57 10-16 | 24s,20 G | 13",4 G |
| 58 10-8 | | 10,1 G |
| | III. | |
| | 21h33m | 98°47' |
| 80 8-26 | 12s,15 M | 12",7 M |

### 30714 P. — 42189 L.

| Dates 1800 + A. M. J. | Æ | D |
|---|---|---|
| | I. | |
| | 21h31m | 88°26' |
| 39 9-7 | 41s,36 G | 59",4 F |
| 40 10-10 | 41,23 G | |
| 10-12 | 41,20 G | |
| 10-13 | 41,18 G | |
| 10-30 | 41,42 G | |
| 10-31 | 41,24 G | |
| 11-6 | 41,08 G | |
| 12-1 | 41,34 G | |
| 44 10-20 | 41,16 G | |
| 52 7-31 | 41,25 G | |
| 11-3 | 41,25 G | |
| 11-18 | 41,42 G | |
| 11-19 | 41,25 G | |
| 12-10 | 41,18 G | |
| 12-11 | 41,43 G | |
| | II. | |
| | 21h32m | 88°23' |
| 55 10-2 | 26s,93 G | 0",7 G |
| 56 8-31 | 26,78 G | 1,5 G |
| 10-25 | 26,96 G | |
| 57 10-15 | 27,14 G | |
| | III. | |
| | 21h33m | 88°19' |
| 71 9-9 | 12s,60 M | 0",7 M |
| 73 9-20 | 12,74 M | 2,5 M |
| 9-23 | 12,64 G | |
| 9-25 | 12,66 M | 3,5 M |
| 9-25 | 12,74 G | |
| 9-26 | 12,66 M | 2,5 M |

### 30715 P. — 42202 L.

| Dates 1800 + A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 21h32m | 70°1' |
| 57 9-6 | 34s,34 G | 44",7 G |
| 58 8-26 | 34,27 G | 44,9 G |

### 30716 P. — 42191 L.

| Dates 1800 + A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 21h32m | 85°22' |
| 58 8-20 | 31s,43 G | 9",0 G |
| 60 9-29 | 31,36 G | 10,4 G |
| 61 9-26 | 31,49 G | 10,0 G |
| 62 9-8 | 31,40 G | 10,6 G |

### 30717 P. — 42222 L.

| Dates 1800 + A. M. J. | Æ | D |
|---|---|---|
| | III. | |
| | 21h33m | 49°35' |
| 80 9-5 | 18s,76 G | 51",1 G |
| 9-13 | 18,26 G | 53,9 G |

### 30718 P. — 42194 L.

| Dates 1800 + A. M. J. | Æ | D |
|---|---|---|
| | I. | |
| | 21h31m | 88°33' |
| 40 10-31 | 52s,59 G | |
| 11-6 | 52,73 G | |
| 41 8-27 | 52,64 G | |
| | II. | |
| | 21h32m | 88°29' |
| 57 10-15 | 38s,73 G | |
| 61 8-29 | 38,49 G | 30",1 G |
| 9-27 | 38,65 G | 29,7 G |
| 10-2 | 38,54 G | 30,4 G |

### 30719 P. — 22578 A.O.

| Dates 1800 + A. M. J. | Æ | D |
|---|---|---|
| | I. | |
| | 21h32m | 42°12' |
| 45 8-4 | 19s,76 G | |

### 30720 P. — 42188 et 90 L

| Dates 1800 + A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 21h32m | 101°25' |
| 54 9-2 | 38s,00 G | |
| 58 9-9 | 38,03 G | 53",0 G |
| 10-29 | | 56,2 F |
| | III. | |
| | 21h33m | 101°21' |
| 78 9-6 | 26s,58 M | 52",6 M |
| 9-10 | 26,40 M | 51,0 M |

### 30721 P. — 42197 L.

| Dates 1800 + A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 21h32m | 94°40' |
| 58 9-9[1] | | 22",4 F |

| Dates 1800 + | Positions moyennes pour les époques du Catal. | |
|---|---|---|
| A. M. J. | 𝒜. | 𝒟. |

### 30721 P. (suite).

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $21^h33^m$ | 94°36′ |
| 79 9- 2 | $34^s,51$ M | 22″,1 M |
| 9- 8 | 34,30 M | 23,6 M[1] |

[1] 𝒟 augmentée de 3″,6 : suppression d'un microscope erroné. On a tenu compte dans la réduction de la différence entre la moyenne des trois microscopes et celle des quatre observés dans la série.

### 30722 P. — 42204 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $21^h33^m$ | 85°19′ |
| 71 9-12 | $34^s,30$ M | 37″,5 M |
| 74 8-20 | 34,55 G | 38,7 G |

### 30723 P. — 42240-41 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $21^h33^m$ | 47°16′ |
| 80 9- 8 | $34^s,71$ G | 19″,9 G |
| 9- 9 | 34,73 G | 19,0 G |
| 9-29 | 34,72 G | 21,0 G |
| 81 10-14 | 34,70 G | 22,0 G |

### 30724 P. — 42207 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $21^h33^m$ | 83°44′ |
| 71 9- 5 | $35^s,93$ M | 38″,1 M |
| 74 9-14 | 35,84 M | 39,9 M |

### 30725 P. — 226 Piazzi.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $21^h31^m$ | 109°35′ |
| 41 10-18 | $55^s,95$ G | |
| 10-19 | 55,91 G | |
| 10-20 | 55,84 G | |

### 30726 P. — 42221 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h33^m$ | 66°8′ |
| 58 8- 8 | $1^s,59$ G | 11″,5 G |
| 60 10-12 | 1,46 G | |
| 11- 3 | 1,65 G | 11,9 G |
| 61 10-15 | 1,47 G | 11,8 G |

### 30727 P. — 782 $W_1$.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $21^h32^m$ | 89°31′ |
| 40 10- 6 | | 21″,6 F |

### 30728 P. — 42248 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h33^m$ | 44°21′ |
| 67 10- 4 | $11^s,74$ M | 2″,5 M |

### 30728 P. (suite).

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $21^h33^m$ | 44°16′ |
| 79 8-26 | $45^s,40$ G | 59″,7 G |

### 30729 P. — 42216 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h33^m$ | 72°39′ |
| 58 8- 3 | $5^s,00$ G | 42″,6 G |
| 8-24 | 5,01 G | 42,7 G |
| 9- 8 | | 43,5 F |
| 9-30 | 4,95 G | 44,0 G |

### 30730 P. — 42206 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $21^h32^m$ | 97°40′ |
| 44 10-11 | $13^s,95$ G | |
| | II. | |
| | $21^h33^m$ | 97°36′ |
| 55 9- 9 | $1^s,44$ G | |
| 58 10-30 | | 25″,3 G |
| 11- 4 | | 24,2 G |
| | III. | |
| | $21^h33^m$ | 97°32′ |
| 79 9-10 | $49^s,23$ J | 24″,0 J |

### 30731 P. — 787 $W_1$.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h33^m$ | 84°56′ |
| 57 10-12 | $5^s,59$ G | 48″,2 G |

### 30732 P. — 4383 A + 37°.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h33^m$ | 52°5′ |
| 67 9- 4 | | 6″,1 G |

### 30733 P. — 42213 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h33^m$ | 81°26′ |
| 56 9- 6[1] | $8^s,32$ G | 52″,5 G |
| | III. | |
| | $21^h33^m$ | 81°22′ |
| 79 8-20 | $52^s,67$ G | 49″,3 G |
| 10- 4 | 52,55 G | |

[1] 𝒜 diminuée de $1^m$.

### 30734 P. — 794 $W_1$.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h33^m$ | 76°51′ |
| 60 9-11 | $11^s,32$ G | |

| Dates 1890 + | Positions moyennes pour les epoques du Catal. | |
|---|---|---|
| A. M. J. | 𝒜. | 𝒟. |

### 30735 P. — 42252 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $21^h33^m$ | 41°50′ |
| 80 9-26 | $55^s,39$ G | 57″,3 G |
| 81 9-15 | 55,85 G | 56,9 G |

### 30736 P. — 42210-11 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h33^m$ | 92°38′ |
| 55 9-16 | $10^s,95$ G | 43″,1 G |
| 56 8- 2 | | 43,0 G |
| 57 10-29 | 10,94 G | 43,8 G |

### 30737 P. — 795 $W_1$.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $21^h32^m$ | 76°49′ |
| 40 8-20 | | 36″,9 F |

### 30738 P. — 42242 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h33^m$ | 60°28′ |
| 58 8-28 | $22^s,58$ G | 32″,2 G |
| 10-15 | 22,52 G | |
| 62 8- 6 | 22,57 G | 32,1 G |
| 9-18 | 22,59 G | 30,6 G |

### 30739 P. — 42231 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h33^m$ | 71°24′ |
| 58 10- 3 | $20^s,30$ G | 12″,2 G |
| | III. | |
| | $21^h34^m$ | 71°20′ |
| 71 8-19 | $2^s,28$ G | |

### 30740 P. — 42176 et 212 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h33^m$ | 93°8′ |
| 55 8- 9 | $15^s,76$ G | |
| 9- 8 | | 56″,2 G |
| 56 8- 3 | | 57,6 G |
| 58 8-27 | | 61,8 F |
| | III. | |
| | $21^h34^m$ | 93°4′ |
| 79 8-25 | $2^s,53$ J | 56″,5 J |

### 30741 P. — 42219 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h33^m$ | 99°46′ |
| 54 9- 6 | $29^s,04$ G | 28″,2 G |
| | II | |
| | $21^h34^m$ | 99°42′ |
| 76 10- 6 | $17^s,28$ M | 30″,0 M |
| 10- 7 | 17,12 M | 29,2 M |

| Dates 1800 + | Positions moyennes pour les époques du Catal. | |
|---|---|---|
| A. M. J. | 𝒜. | 𝒟. |

### 30742 P. — 42250 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h33^m$ | 60°41′ |
| 58 8- 7[1] | $39^s,75$ G | |
| 8-30 | 39,91 G | |
| 61 10-24 | 40,14 G | 16″,7 G |
| | III. | |
| | $21^h34^m$ | 60°37′ |
| 71 10-14 | $19^s,19$ G | 15″,1 G |

[1] 𝒜 augmentée de $4^s$ : erreur de moy.

### 30743 P. — 42223-24 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h33^m$ | 101°24′ |
| 54 9-27 | $35^s,88$ G | 51″,0 G |
| | III. | |
| | $21^h34^m$ | 101°20′ |
| 78 9-29 | $24^s,37$ M | 48″,4 M |
| 9-30 | 24,36 M | 46,9 M |

### 30744 P. — 42243 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h33^m$ | 80°1′ |
| 56 8-26 | $42^s,90$ G | 11″,9 G |
| | III. | |
| | $21^h34^m$ | 79°57′ |
| 71 9-18[1] | $27^s,10$ M | 10″,9 M |

[1] 𝒜 augmentée de $5^s$ : erreur de $10^s$ sur trois fils.

### 30745 P. — 231 Piazzi.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h33^m$ | 112°17 |
| 55 11- 2 | $38^s,60$ G | |

### 30746 P. — 806 $W_1$.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $21^h32^m$ | 86°48′ |
| 39 9- 7 | | 11″,2 F |

### 30747 P. — 42264 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h33^m$ | 44°27′ |
| 66 8-18 | $57^s,35$ G | |
| | III. | |
| | $21^h34^m$ | 44°23′ |
| 81 9-28 | $31^s,25$ G | 21″,0 G |
| 10- 5 | 31,56 G | 23,0 G |

### 30748 P. — 42251 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $21^h33^m$ | 63°33′ |
| 58 9-23 | $52^s,11$ G | 12″,3 G |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜. 𝒫.)

### 30748 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 21h34m | 63°29' |
| 71 | 9-17 | 32s,30G | 10",7G |

### 30749 P. — 42262-63 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 21h34m | 47°17' |
| 80 | 9-5 | 34s,89M | 11",7M |
| 81 | 9-13 | 34,93M | 11,2M |
| | 10-3 | 34,77M | 11,1M |

### 30750 P. — 42220 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 21h33m | 115°44' |
| 55 | 8-5 | 44s,41G | |
| | 9-25 | | 10",9G |
| 58 | 10-31 | 44,38G | 11,0G |
| 59 | 10-22 | | 11,2G |

### 30751 P. — 42230 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 21h32m | 105°32' |
| 43 | 9-29 | | 36",7F |
| | II. | 21h33m | 105°28' |
| 60 | 8-16 | 48s,25G | 33",9F |
| | 8-17 | 48,31G | 33,9F |
| | 9-12 | 48,42G | 33,7G |
| 61 | 9-25 | 48,21G | 34,7G |
| | 10-1[1] | | 33,2G |
| | 10-28 | 48,11G | 35,2G |
| 62 | 9-19 | 48,34G | 33,5G |

[1] 𝒫 augmentée de 7",0 : erreur de moy.

### 30752 P. — 42247 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 21h33m | 89°23' |
| 40 | 9-12[1] | 12s,37G | |
| | 10-6 | | 40",3F |
| 41 | 8-30 | 12,36G | |
| | II. | 21h33m | 89°19' |
| 56 | 9-4 | | 36",4G |
| 57 | 10-24 | | 34,1G |
| | III. | 21h34m | 89°15' |
| 79 | 10-11 | 44s,41G | 33",0G |
| | 10-16 | 44,31G | 32,7G |

[1] 𝒜 augmentée de 1m.

### 30753 P. — 12773 Cambridge.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 21h34m | 64°30' |
| 59 | 7-28 | 4s,11G | |

### 30754 P. — 42238-39 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 21h33m | 104°44' |
| 39 | 9-7 | 7s,04G | |
| | 9-11 | | 6",2F |
| | 9-18 | 6,75G | |
| | 10-19 | 6,76G | |
| 40 | 9-29 | 6,86G | |
| 41 | 11-20 | 6,81G | |
| 46 | 8-23 | 6,80G | |
| | 9-13 | 6,81G | |
| | 9-14 | 6,82G | |
| | 9-18 | 6,68G | |
| | 9-24 | 6,85G | |
| | 9-25 | 6,84G | |
| | 9-30 | 6,71G | |
| | 10-18 | | 9,9F |
| | 10-22 | | 9,2G |
| | 11-2 | 6,86G | 9,1G |
| | 11-4[1] | | 9,4G |
| | 11-14[2] | 6,75G | |
| 47 | 7-29 | 6,74G | |
| | 8-12 | 6,65G | |
| | 9-10 | 6,89G | |
| 48 | 8-8 | | 8,4G |
| | 9-19[3] | 6,72G | |
| | 9-20[3] | 6,90G | |
| | 9-21[3] | 6,91G | |
| | 10-13[4] | 6,86G | |
| 49 | 8-15 | 6,86G | |
| 50 | 9-18[5] | 6,71G | |
| | III. | 21h34m | 104°36' |
| 78 | 8-23[6] | 44s,89G | 15",3G |
| 79 | 9-19 | 44,84J | 16,2J |
| | 10-3 | 44,85J | 15,3J |

[1] 𝒫 augmentée de 10" : erreur de réduct.
[2] 𝒜 diminuée de 1m.
[3] C'est 42 Capricorne et non 41 Capricorne (dist. des fils).
[4] Indiquée à tort comme 26 Verseau (distance des fils).
[5] 𝒜 augmentée de 0s,40 : err. de transc.
[6] 𝒜 diminuée de 1s,20 : erreur de moy. et de 1s sur un fil.

### 30755 P. — 42249 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 21h34m | 85°36' |
| 57 | 7-27 | 0s,44G | |
| | 10-7 | 0,32G | 46",1G |
| | III. | 21h34m | 85°32' |
| 71 | 9-4 | 45s,74M | 45",2M |

### 30756 P. — 42233 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 21h33m | 110°30' |
| 39 | 8-21 | 5s,19G | |
| | 8-23 | 5,27G | 25",0F |
| | 9-1[1] | | 25,9F |
| 40 | 8-28[2] | 5,25G | 26,6F |
| | 8-31 | 5,11G | 26,7F |
| | II. | 21h33m | 110°26' |
| 55 | 9-27 | 55s,73G | 28",1G |

### 30756 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 21h34m | 110°22' |
| 79 | 9-2 | 46s,32J | 24",6J |

[1] 𝒫 augmentée de 30" (1 tour de vis des microscopes).
[2] 𝒜 diminuée de 1m.

### 30757 P. — 42269-70 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 21h34m | 51°3' |
| 68 | 10-10 | 48s,51G | |
| | 10-13 | | 2",1G |
| 69 | 9-25 | 48,64M | 0,5M |
| 74 | 8-26 | 48,47M | 2,5M |

### 30758 P. — 42227 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 21h33m | 118°19' |
| 55 | 8-11 | 56s,81G | |
| 58 | 8-15 | | 15",9G |
| | III. | 21h34m | 118°15' |
| 80 | 9-1 | 48s,90M | 14",9M |

### 30759 P. — 42232 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 21h34m | 116°29' |
| 55 | 8-16 | 0s,54G | 39",3G |
| | III. | 21h34m | 116°25' |
| 79 | 10-16 | 52s,59J | 40",8J |

### 30760 P. — 42235 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 21h33m | 113°57' |
| 37 | 8-10 | 10s,56G | |
| | 10-12 | 10,20G | |
| 41 | 8-20[1] | 10,55G | |
| 42 | 10-11 | 10,54G | |
| | 10-16 | 10,53G | |
| | 10-17 | 10,59G | |
| 46 | 8-10 | 10,77G | |
| | 10-1 | 10,56G | |
| | 10-19 | 10,68G | |
| 47 | 9-30 | 10,76G | |

[1] Erreur dans la déclinaison approchée inscrite (dist. des fils).

### 30761 P. — 42259 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 21h34m | 66°22' |
| 58 | 8-10 | 13s,45G | 4",8G |
| 59 | 9-23 | 13,42G | |
| | III. | 21h34m | 66°18' |
| 79 | 9-8 | 54s,20G | 2",2G |

### 30762 P. — 42246 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 21h34m | 100°2' |
| 54 | 9-26 | 6s,90G | |
| 58 | 9-11 | | 41",5G |
| | III. | 21h34m | 99°58' |
| 79 | 9-1 | 55s,26M | 39",1M |
| | 9-3 | 55,21M | 39,5M |

### 30763 P. — 42291 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 21h34m | 43°21' |
| 80 | 8-31[1] | 57s,86G | |
| | 9-30[2] | 58,19G | 56",3G |

[1] 𝒜 augmentée de 0s,40 : erreur de 1s sur deux fils.
[2] 𝒫 augmentée de 1'.

### 30764 P. — 29197 Mn1.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II | 21h34m | 88°24' |
| 57 | 10-15 | 12s,32G | |

### 30765 P. — 42275 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 21h34m | 54°8' |
| 69 | 10-1 | 58s,80M | 3",1M |
| 74 | 9-15 | 59,02G | 2,5G |

### 30766 P. — 42245 L[1].

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 21h34m | 107°51' |
| 56 | 8-5[2] | 11s,40G | |
| 60 | 10-3 | 11,62G | |
| | 10-9 | 11,63G | 32",8G |
| | III. | 21h35m | 107°47' |
| 78 | 8-26 | 1s,89M | 29",1M |
| | 9-24 | 1,61M | 28,5M |

[1] La distance pol. de Lalande doit être diminuée de 1' : erreur de réduct. de Baily.
[2] 𝒜 diminuée de 1m.

### 30767 P. — 42260 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 21h34m | 71°22' |
| 58 | 8-16 | | 34",6G |
| | 10-2 | | 33,8G |
| | 10-5 | 19s,97G | 33,3G |
| | III. | 21h35m | 71°18' |
| 71 | 9-3 | 1s,95G | 31",6G |

Dates 1800+ — Positions moyennes pour les époques du Catal.

### 30768 P. — 42294 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | I. | |
| | $21^h33^m$ | 46°16' |
| 40 9-12 | | $5'',1$ F |
| | III. | |
| | $21^h35^m$ | 46°8' |
| 80 9-1 | $4^s,09$ G | |
| 81 10-3 | | $0'',7$ G |

### 30769 P. — 248 Piazzi.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | II. | |
| | $21^h34^m$ | 33°8' |
| 63 9-15 | | $36'',5$ G |
| 9-27 | | 35,5 G |
| 64 10-20 | | 34,6 G |
| 65 8-26 | | 35,1 G |
| 8-30 | | 35,1 G |
| 9-15 | | 34,6 G |
| 9-16 | | 36,1 G |
| 9-18 | | 35,3 G |

### 30770 P. — 42229 et 58 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | II. | |
| | $21^h34^m$ | 78°59' |
| 56 8-14 | $24^s,78$ G | $29'',6$ G |
| 57 10-20[1] | 25,05 G | |
| | III. | |
| | $21^h35^m$ | 78°55' |
| 71 8-27 | $8^s,66$ G | $26'',2$ G |
| 9-2[2] | 8,58 G | 28,2 G |
| 9-9 | 8,80 G | |
| 74 9-19 | 8,57 M | 27,9 M |
| 75 8-23 | 8,72 M | 27,9 M |
| 76 8-24 | 8,60 M | 25,6 M |

[1] Æ augmentée de $1^m$ : erreur de transcription.

[2] Æ diminuée de $2^m$ : erreur de transcription.

### 30771 P. — 42273-74 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | II. | |
| | $21^h34^m$ | 61°52' |
| 58 11-7 | $30^s,47$ G | $44'',5$ G |
| | III. | |
| | $21^h35^m$ | 61°48' |
| 79 9-12 | $10^s,22$ G | |
| 9-18 | 10,41 G | $42'',3$ G |

### 30772 P. — 42253-54 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | II. | |
| | $21^h34^m$ | 92°33' |
| 55 9-26 | $23^s,92$ G | $58'',7$ G |
| | III. | |
| | $21^h35^m$ | 92°29' |
| 76 8-16 | $10^s,64$ G | $57'',6$ G |
| 9-19 | 10,58 G | 56,6 G |
| 9-20 | 10,35 G | 56,7 G |

### 30773 P. — 818 $W_1$.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | I. | |
| | $21^h33^m$ | 102°57' |
| 48 10-26 | $37^s,15$ G | |

### 30774 P. — 42304-05 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | I. | |
| | $21^h34^m$ | 47°25' |
| 46 8-12 | | $37'',9$ G |
| 48 9-4 | | 40,8 G |
| 49 8-6 | $6^s,41$ G | |
| | III. | |
| | $21^h35^m$ | 47°17' |
| 68 10-22 | $16^s,45$ M | $34'',6$ M |
| 74 9-15 | 16,65 M | 34,0 M |

### 30775 P. — 42272 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | III. | |
| | $21^h35^m$ | 68°22' |
| 80 8-30 | $17^s,75$ J | $19'',2$ J |
| 9-5 | 17,79 J | 19,4 J |
| 81 8-10 | 17,85 J | 19,7 J |
| 9-18 | 17,60 J | 18,8 J |

### 30776 P. — 42267 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | II. | |
| | $21^h34^m$ | 77°52' |
| 56 8-30 | | $41'',4$ G |
| 58 11-3 | $37^s,69$ G | |
| 59 8-29 | 37,56 G | 42,1 G |

### 30777 P. — 42257 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | II. | |
| | $21^h34^m$ | 92°20' |
| 56 7-26 | $35^s,65$ G | $56'',1$ G |
| 57 8-7 | 35,54 G | 56,7 G |
| 8-16 | 35,49 G | |
| 9-18 | | 58,8 G |
| 59 10-5 | | 60,6 G |
| | III. | |
| | $21^h35^m$ | 92°16' |
| 78 9-27 | | $54'',3$ G |

### 30778 P. — 42317 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | I. | |
| | $21^h34^m$ | 41°30' |
| 45 8-12 | $17^s,28$ G | |

### 30779 P. — 858 $W_2$.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | II. | |
| | $21^h34^m$ | 69°29' |
| 58 10-15 | $46^s,10$ G | |

### 30779 P. (suite).

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | III. | |
| | $21^h35^m$ | 60°25' |
| 80 9-30 | $25^s,25$ J | $1'',7$ J |
| 10-1 | 25,33 J | 1,6 J |

### 30780 P. — 42286 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | III. | |
| | $21^h35^m$ | 63°48' |
| 80 9-26 | $27^s,11$ J | $47'',9$ J |
| 9-27 | 27,14 J | 47,4 J |

### 30781 P. — 42268 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | II. | |
| | $21^h34^m$ | 84°12' |
| 57 10-6 | | $51'',0$ G |
| 59 8-24 | $44^s,56$ G | |
| | III. | |
| | $21^h35^m$ | 84°8' |
| 71 9-9 | $29^s,43$ M | $48'',3$ M |

### 30782 P. — 42293 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | III. | |
| | $21^h35^m$ | 61°13' |
| 80 9-8 | $29^s,65$ J | $33'',6$ J |
| 9-29 | 29,64 J | 33,6 J |

### 30783 P. — 42296 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | II. | |
| | $21^h34^m$ | 60°20' |
| 58 8-28 | $52^s,82$ G | |

### 30784 P. — 42265-66 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | I. | |
| | $21^h34^m$ | 92°51' |
| 43 8-6 | $2^s,06$ G | |
| | II. | |
| | $21^h34^m$ | 92°47' |
| 55 9-15 | $48^s,74$ G | $6'',0$ G |
| 58 9-5 | 48,82 G | |
| | III. | |
| | $21^h35^m$ | 92°43' |
| 80 8-13 | $35^s,48$ M | $4'',3$ M |
| 81 9-15 | 35,40 M | 3,9 M |

### 30785 P. — 42292 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | II. | |
| | $21^h34^m$ | 68°41' |
| 61 10-20 | $55^s,74$ G | $26'',9$ G |
| | III. | |
| | $21^h35^m$ | 68°37' |
| 79 9-10 | $36^s,98$ G | $23'',4$ G |

### 30786 P. — 42255-56 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | I. | |
| | $21^h33^m$ | 109°34' |
| 37 8-25 | $59^s,58$ G | |
| 8-29 | 59,69 G | |
| 9-20 | 59,61 G | $9'',0$ F |
| 10-9 | 59,63 G | 12,1 F |
| 38 8-15 | 59,57 G | 10,3 F |
| 9-1 | 59,67 G | |
| 9-3 | 59,71 G | |
| 40 10-8 | 59,59 G | |
| 41 9-28 | 59,60 G | |
| 10-15 | 59,54 G | |
| 10-18 | 59,54 G | |
| 10-19 | 59,54 G | |
| 10-20 | 59,63 G | |
| 44 10-20 | 59,54 G | |
| 52 9-23 | 59,93 G | |
| 9-24 | 59,44 G | |
| | II. | |
| | $21^h34^m$ | 109°30' |
| 54 9-11 | $50^s,03$ G | $5'',9$ G |
| 55 7-27 | 49,93 G | |
| | III. | |
| | $21^h35^m$ | 109°26' |
| 79 10-4 | $40^s,42$ J | $4'',4$ J |

### 30787 P. — 42315 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | II. | |
| | $21^h35^m$ | 55°57' |
| 59 11-23 | | $34'',7$ G |
| 67 8-31 | $7^s,69$ G | 34,0 G |
| | III. | |
| | $21^h35^m$ | 55°53' |
| 73 9-19 | $45^s,80$ M | $31'',4$ M |

### 30788 P. — 837 $W_1$.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | I. | |
| | $21^h34^m$ | 82°7' |
| 50 8-26 | $18^s,02$ G | $37'',4$ G |

### 30789 P. — 42283 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | I. | |
| | $21^h34^m$ | 89°25' |
| 40 9-12 | $15^s,71$ G | |
| 10-10 | 15,67 G | |
| 10-12 | 15,72 G | |
| 10-13 | 15,67 G | |
| 41 8-27 | 15,81 G | |
| 8-30 | 15,67 G | |
| 46 7-23 | 15,73 G | |
| 10-18 | 15,75 G | |
| 48 8-29 | | $3'',7$ G |
| 9-29 | 15,72 G | |
| 49 8-21 | 15,66 G | |
| 8-25 | 15,64 G | |
| | II. | |
| | $21^h35^m$ | 89°21' |
| 55 10-21 | | $3'',0$ G |
| 56 8-31 | $1^s,60$ G | 0,8 G |
| 58 8-12 | 1,60 G | 0,3 G |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (AR, Décl.)

### 30790 P. — 42271 L.

| A. M. J. | AR | Décl. |
|---|---|---|
| II. | $21^h35^m$ | 102°40′ |
| 56 8-1 | | 44″,0 G |
| 61 8-29 | $3^s$,84 G | 42,1 G |
| 9-5 | | 43,6 G |
| III. | $21^h35^m$ | 102°36′ |
| 79 10-7 | $51^s$,29 J | 38″,6 J |
| 10-12 | 51,51 J | 35,1 J |

### 30791 P. — 42309-10 L.

| A. M. J. | AR | Décl. |
|---|---|---|
| II. | $21^h35^m$ | 69°1′ |
| 58 8-6 | $10^s$,11 G | |
| 59 8-21 | 10,05 G | 54″,7 G |
| 9-24 | 10,36 G | 55,1 G |
| III. | $21^h35^m$ | 68°57′ |
| 71 10-12 | $51^s$,65 G | |

### 30792 P. — 42287 L.

| A. M. J. | AR | Décl. |
|---|---|---|
| II. | $21^h35^m$ | 85°48′ |
| 56 10-5 | $7^s$,20 G | 2″,5 G |
| III. | $21^h35^m$ | 85°43′ |
| 71 9-12 | $52^s$,45 M | 60″,5 M |
| 74 9-14 | 52,44 G | 59,7 G |
| 75 8-26 | 52,52 G | |

### 30793 P. — 42261 L[1].

| A. M. J. | AR | Décl. |
|---|---|---|
| II. | $21^h35^m$ | 113°48′ |
| 55 9-23 | | 26″,3 G |
| 57 7-11 | $2^s$,01 G | |
| 58 8-5 | | 25,3 G |
| III. | $21^h35^m$ | 113°44′ |
| 80 9-2 | $53^s$,25 M | 23″,4 M |

[1] La dist. pol. de Lal. doit être diminuée de 1′.

### 30794 P. — 29248 Mn$_1$.

| A. M. J. | AR | Décl. |
|---|---|---|
| II. | $21^h35^m$ | 77°51′ |
| 58 10-8 | | 10″,1 G |

### 30795 P. — 42278-79 L.

| A. M. J. | AR | Décl. |
|---|---|---|
| II. | $21^h35^m$ | 102°37′ |
| 58 9-9 | | 36″,2 G |
| 61 8-29 | | 39,3 G |
| 9-5 | | 37,7 G |
| 9-26 | $8^s$,80 G | 35,0 G |

### 30796 P. — 29253 Mn$_1$.

| A. M. J. | AR | Décl. |
|---|---|---|
| I. | $21^h34^m$ | 80°43′ |
| 47 8-31 | $31^s$,70 G | |

### 30797 P. — 852 W$_1$.

| A. M. J. | AR | Décl. |
|---|---|---|
| I. | $21^h34^m$ | 77°24′ |
| 40 8-20 | | 50″,2 F |

### 30798 P. — 42295 et 97 L.

| A. M. J. | AR | Décl. |
|---|---|---|
| I. | $21^h34^m$ | 85°1′ |
| 37 9-6 | $30^s$,24 G | |
| 9-8 | 30,16 G | |
| 9-9 | 30,10 G | |
| 9-26 | 30,13 G | |
| 9-27 | 30,21 G | |
| 9-28 | 30,26 G | |
| 9-29 | 30,19 G | |
| 10-1 | 30,13 G | |
| 10-3 | 30,12 G | |
| 10-4 | 30,13 G | |
| 40 12-1 | 30,16 G | |
| 41 9-9 | 30,02 G | |
| II. | $21^h35^m$ | 84°57′ |
| 55 9-28 | $15^s$,20 G | |
| 10-2 | 15,16 G | 20″,4 G |
| 57 9-24 | | 20,8 G |

### 30799 P. — 42301 L.

| A. M. J. | AR | Décl. |
|---|---|---|
| II. | $21^h35^m$ | 82°13′ |
| 57 9-20 | $16^s$,10 G | 17″,4 G |
| III. | $21^h36^m$ | 82°9′ |
| 71 9-5 | $0^s$,55 M | 13″,8 M |

### 30800 P. — 42284 L.

| A. M. J. | AR | Décl. |
|---|---|---|
| II. | $21^h35^m$ | 100°16′ |
| 58 10-6 | $13^s$,03 G | 10″,1 G |
| III. | $21^h36^m$ | 100°12′ |
| 78 9-2 | $1^s$,26 M | 6″,4 M |

### 30801 P. — 42302 L.

| A. M. J. | AR | Décl. |
|---|---|---|
| II. | $21^h35^m$ | 84°43′ |
| 56 10-25 | | 29″,5 G |
| 57 9-19 | $18^s$,74 G | |
| III. | $21^h36^m$ | 84°39′ |
| 71 9-16 | $3^s$,77 M | 26″,8 M |

### 30802 P. — 29263 Mn$_1$.

| A. M. J. | AR | Décl. |
|---|---|---|
| II. | $21^h35^m$ | 93°58′ |
| 57 10-16 | $17^s$,85 G | 16″,9 G |

### 30803 P. — 42324 L.

| A. M. J. | AR | Décl. |
|---|---|---|
| III. | $21^h36^m$ | 53°53′ |
| 81 8-24 | $7^s$,34 J | 59″,5 J |
| 9-4 | 7,75 J | 60,4 J |

### 30804 P. — 42316 L.

| A. M. J. | AR | Décl. |
|---|---|---|
| II. | $21^h35^m$ | 71°41′ |
| 57 9-6 | $26^s$,46 G | 42″,9 G |
| 10-13 | 26,22 G | 42,7 G |

### 30805 P. — 42298 à 300 L.

| A. M. J. | AR | Décl. |
|---|---|---|
| II. | $21^h35^m$ | 92°55′ |
| 55 9-20 | $23^s$,75 G | 47″,3 G |
| 58 9-8 | | 47,5 G |
| III. | $21^h36^m$ | 92°51′ |
| 76 10-7 | $10^s$,53 G | 48″,1 G |
| 78 9-24 | 10,75 G | 48,8 G |

[1] AR augmentée de 1′.

### 30806 P. — 42280 L.

| A. M. J. | AR | Décl. |
|---|---|---|
| II. | $21^h35^m$ | 114°46′ |
| 55 9-25 | $21^s$,34 G | 41″,3 G |
| III. | $21^h36^m$ | 114°42′ |
| 81 9-28 | $12^s$,79 M | 40″,4 G |
| 9-29 | 12,74 M | 40,2 M |

### 30807 P. — 42331 L.

| A. M. J. | AR | Décl. |
|---|---|---|
| III. | $21^h36^m$ | 51°5′ |
| 73 10-8 | $13^s$,32 G | 36″,7 G |
| 74 8-20 | 13,35 M | 36,5 M |
| 8-22 | 13,32 M | 38,2 M |

### 30808 P. — 42285 L.

| A. M. J. | AR | Décl. |
|---|---|---|
| I. | $21^h34^m$ | 110°19′ |
| 39 8-23 | $32^s$,88 G | 30″,4 F |
| 40 8-28 | | 29,9 F |
| 8-31 | 32,79 G | 30,4 F |

### 30808 P. (suite).

| A. M. J. | AR | Décl. |
|---|---|---|
| II. | $21^h35^m$ | 110°15′ |
| 56 9-25 | | 28″,1 G |
| 59 10-22 | | 26,3 G |
| 60 10-25 | $23^s$,44 G | 28,0 G |
| 62 9-29 | 23,10 G | 27,6 G |

### 30809 P. — 42288 à 90 L.

| A. M. J. | AR | Décl. |
|---|---|---|
| I. | $21^h34^m$ | 105°6′ |
| 39 9-11 | | 19″,9 F |
| 9-13[1] | | 21,2 F |
| 9-18 | $36^s$,52 G | |
| 40 10-30 | 36,74 G | |
| 46 8-14 | | 19,1 G |
| 9-5 | 36,57 G | |
| 47 7-3 | 36,59 G | |
| 7-4 | 36,46 G | |
| 48 7-17 | 36,34 G | |
| 8-5 | 36,70 G | |
| 11-14 | | 19,4 G |
| 49 9-25 | | 19,0 G |
| 50 9-4 | 36,60 G | |
| II. | $21^h35^m$ | 105°2′ |
| 57 9-27 | $25^s$,55 G | |
| 58 9-27 | | 15,4 F |
| 61 10-5[2] | 25,84 G | 16,2 G |
| III. | $21^h36^m$ | 104°58′ |
| 78 8-26 | $15^s$,06 G | 11″,3 G |

[1] Décl. diminuée de 1″ : erreur de réduct.

[2] AR diminuée de $0^s$,30 : erreur dans la correction moyenne de la pendule pour toute la série IV.

### 30810 P. — 42282 L.

| A. M. J. | AR | Décl. |
|---|---|---|
| II. | $21^h35^m$ | 117°21′ |
| 57 8-12 | $25^s$,67 G | |
| III. | $21^h36^m$ | 117°17′ |
| 81 9-30 | $18^s$,07 M | 11″,7 M |
| 10-1 | 17,94 G | 8,5 M |

### 30811 P. — 856 W$_1$.

| A. M. J. | AR | Décl. |
|---|---|---|
| II. | $21^h35^m$ | 79°7′ |
| 56 10-8 | $34^s$,90 G | |

### 30812 P. — 42307 L.

| A. M. J. | AR | Décl. |
|---|---|---|
| II. | $21^h35^m$ | 99°57′ |
| 54 8-24 | $34^s$,03 G | |
| 8-25 | 33,94 G | |
| 9-7 | | 41″,7 G |
| III. | $21^h36^m$ | 99°53′ |
| 79 8-26 | $22^s$,25 J | 36″,2 J |

**30813 P. — 42312 à 14 L.**

| Dates 1800+ A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 21h35m | 93°3′ |
| 55 9-9 | 38s,24 G | |
| 58 9-9 | | 36″,4 F |
| 9-11 | | 35,5 F |
| 62 9-12 | 38,27 G | 36,0 G |

**30814 P. — 42319-20 L.**

| Dates 1800+ A. M. J. | Æ | ℘ |
|---|---|---|
| I. | 21h34m | 79°52′ |
| 49 8-26 | 58s,32 G | |
| II. | 21h35m | 79°48′ |
| 57 8-6 | 42s,39 G | |
| 9-22 | | 44″,6 G |
| 58 8-20 | 42,42 G | 43,7 G |

**30815 P. — 42349 L.**

| Dates 1800+ A. M. J. | Æ | ℘ |
|---|---|---|
| III. | 21h36m | 43°1′ |
| 80 9-27 | 30s,15 G | 21″,9 G |
| 10-18 | 30,00 G | 23,0 G |

**30816 P. — 42323 L.**

| Dates 1800+ A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 21h35m | 72°48′ |
| 58 8-3 | 49s,21 G | 1″,7 G |
| III. | 21h36m | 72°43′ |
| 71 8-16 | 31s,75 G | |

**30817 P. — 42342 L.**

| Dates 1800+ A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 21h36m | 55°7′ |
| 67 9-4 | 6s,90 G | 34″,6 G |
| III. | 21h36m | 55°3′ |
| 79 10-3 | 44s,68 G | 30″,9 G |

**30818 P. — 42350 L.**

| Dates 1800+ A. M. J. | Æ | ℘ |
|---|---|---|
| III. | 21h36m | 53°41′ |
| 81 9-16 | 50s,81 J | 17″,9 J |
| 9-19 | 50,88 J | 17,9 J |
| 9-28 | 50,87 J | 16,9 J |

**30819 P. — 4605 A + 10°.**

| Dates 1800+ A. M. J. | Æ | ℘ |
|---|---|---|
| III. | 21h36m | 78°59′ |
| 80 9-3 | 59s,40 M | 21″,1 M |
| 81 10-3 | 59,37 M | 22,9 M |

**30820 P. — 42306 L.**

| Dates 1800+ A. M. J. | Æ | ℘ |
|---|---|---|
| III. | 21h37m | 48°0′ |
| 80 9-20 | 2s,00 G | 0″,8 G |

**30821 P. — 42333 L.**

| Dates 1800+ A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 21h36m | 85°31′ |
| 57 7-27 | 17s,27 G | |
| III. | 21h37m | 85°27′ |
| 79 9-2 | 2s,47 M | 37″,3 M |
| 9-10 | 2,37 M | 36,5 M |

**30822 P. — 42335 L.**

| Dates 1800+ A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 21h36m | 79°30′ |
| 58 9-27 | | 41″,1 G |
| 10-16 | | 41,0 G |
| III. | 21h37m | 79°26′ |
| 79 9-10 | 4s,38 J | 37″,5 J |

**30823 P. — 42361 L.**

| Dates 1800+ A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 21h36m | 51°6′ |
| 59 11-23 | | 42″,6 G |
| III. | 21h37m | 51°2′ |
| 74 8-19 | 8s,61 M | 37″,1 M |
| 9-18 | 8,69 G | 37,1 G |

**30824 P. — 42354 L.**

| Dates 1800+ A. M. J. | Æ | ℘ |
|---|---|---|
| III. | 21h37m | 67°14′ |
| 71 8-26 | 11s,49 M | 51″,8 M |
| 8-26 | 11,19 G | |
| 75 9-14 | 11,14 M | 52,6 M |

**30825 P. — 42327 à 29 L.**

| Dates 1800+ A. M. J. | Æ | ℘ |
|---|---|---|
| I. | 21h35m | 105°27′ |
| 50 9-2 | 32s,54 G | |
| II. | 21h36m | 105°23′ |
| 54 8-27 | 21s,97 G | 19″,9 G |
| III. | 21h37m | 105°19′ |
| 78 8-24 | 11s,30 G | 14″,5 G |

**30826 P. — 42359 L.**

| Dates 1800+ A. M. J. | Æ | ℘ |
|---|---|---|
| III. | 21h37m | 53°40′ |
| 80 9-1 | 11s,51 J | 6″,1 J |

**30827 P. — 42344 L.**

| Dates 1800+ A. M. J. | Æ | ℘ |
|---|---|---|
| I. | 21h35m | 78°11′ |
| 40 8-20 | | 4″,5 F |

**30828 P. — 42336 L.**

| Dates 1800+ A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 21h36m | 90°6′ |
| 57 9-14 | | 11″,7 G |
| III. | 21h37m | 90°2′ |
| 69 8-27 | 15s,10 M | 6″,3 M |
| 74 9-15 | 15,34 G | 9,7 G |

**30829 P. — 42366 L.**

| Dates 1800+ A. M. J. | Æ | ℘ |
|---|---|---|
| III. | 21h37m | 49°29′ |
| 80 10-1 | 21s,00 G | 33″,9 G |
| 81 9-13 | 20,78 G | 32,3 G |

**30830 P. — 42376 et 79 L.**

| Dates 1800+ A. M. J. | Æ | ℘ |
|---|---|---|
| III. | 21h37m | 44°48′ |
| 80 9-29 | 21s,70 G | 11″,5 G |
| 81 8-22 | | 12,8 G |

**30831 P. — 22708 A. O.**

| Dates 1800+ A. M. J. | Æ | ℘ |
|---|---|---|
| III. | 21h37m | 40°2′ |
| 81 10-1 | 21s,85 G | |

**30832 P. — 42351-52 L.**

| Dates 1800+ A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 21h36m | 83°6′ |
| 57 10-6 | | 28″,8 G |
| 60 10-12 | 43s,66 G | |
| III. | 21h37m | 83°2′ |
| 80 9-5 | 28s,06 M | 25″,7 M |
| 81 10-5 | 27,77 M | 27,8 M |

**30833 P. — 42363 L.**

| Dates 1800+ A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 21h36m | 65°6′ |
| 58 11-11 | | 46″,8 G |
| 61 10-26 | 49s,41 G | 47,1 G |
| 11-3 | 49,42 G | |

**30834 P. — 42360 et 83 L.**

| Dates 1800+ A. M. J. | Æ | ℘ |
|---|---|---|
| III. | 21h37m | 48°7′ |
| 80 9-9 | | 44″,2 G |
| 81 9-16 | 36s,50 G | 44,0 G |
| 9-28 | 36,58 G | 45,1 G |

**30835 P. — 42339-40 L.**

| Dates 1800+ A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 21h36m | 102°23′ |
| 54 8-31 | 47s,82 G | 0″,8 G |
| III. | 21h37m | 102°18′ |
| 78 9-6 | 36s,37 M | 58″,9 M |
| 9-10 | 36,45 M | 58,5 M |
| 79 10-3 | 36,50 J | 59,7 J |

**30836 P. — 42347 L.**

| Dates 1800+ A. M. J. | Æ | ℘ |
|---|---|---|
| III. | 21h37m | 97°43′ |
| 76 10-7 | 37s,72 M | 43″,8 M |

**30837 P. — 42341 L.**

| Dates 1800+ A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 21h36m | 102°24′ |
| 54 9-3 | 50s,23 G | 40″,9 G |
| III. | 21h37m | 102°20′ |
| 78 9-30 | 39s,10 M | 37″,3 M |

**30838 P. — 42364 L.**

| Dates 1800+ A. M. J. | Æ | ℘ |
|---|---|---|
| III. | 21h37m | 70°55′ |
| 71 9-12 | 39s,89 G | |
| 74 9-18 | 39,80 M | 58″,4 M |
| 76 8-25 | 39,79 M | 58,5 M |

**30839 P. — 42357-58 L.**

| Dates 1800+ A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 21h36m | 79°32′ |
| 58 10-2 | | 13″,7 G |

**30840 P. — 916 $W_2$.**

| Dates 1800+ A. M. J. | Æ | ℘ |
|---|---|---|
| III. | 21h37m | 52°23′ |
| 81 10-1 | 48s,08 J | 4″,0 J |

**30841 P. — 42337 L.**

| Dates 1800+ A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 21h36m | 117°7′ |
| 59 10-22 | | 50″,8 G |
| 61 9-27 | 56s,01 G | 54,8 G |

Dates 1800+ — Positions moyennes pour les époques du Catal.

### 30842 P. — 42362 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 37m | 83° 29' |
| 58 11- 4 | | 16",9 G |
| | III. | |
| | 21h 37m | 83° 25' |
| 71 9- 4 | 49s,67 M | 11",1 M |
| 9- 9 | 49,66 M | 11,7 M |

### 30843 P. — 42348 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 36m | 107° 9' |
| 54 9- 4 | | 59",5 G |
| 58 9- 9 | 59s,97 G | |
| 61 8-30 | 59,99 G | 59,0 G |
| 67 9-16 | 59,93 M | 58,4 M |

### 30844 P. — 42355-56 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 37m | 95° 22' |
| 58 10 30 | | 15",2 G |
| 62 8-31 | 4s,21 G | 14,8 G |

### 30845 P. — 42367 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 37m | 83° 28' |
| 57 8- 2 | | 56",6 G |
| 60 8-17 | 10s,52 G | 57,7 F |

### 30846 P. — 896 $W_1$.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 21h 36m | 80° 48' |
| 41 10-18 | 28s,51 G | |
| 10-19 | 28,57 G | |
| 10-20 | 28,72 G | |
| 52 11- 6 | 28,49 G | |
| | II. | |
| | 21h 37m | 80° 44' |
| 55 8-23 | 12s,71 G | |
| 11- 2 [1] | 12,85 G | |
| 56 7-26 | 12,77 G | |
| 8- 5 | 12,60 G | |
| 9- 5 | 12,61 G | |
| 9- 6 | 12,85 G | |
| 9-14 | 13,07 G | |
| 9-16 | 12,85 G | |
| 9-27 | 12,54 G | |
| 57 7 11 | 12,72 G | |
| 8- 7 | 12,74 G | |
| 8-22 [2] | 12,51 G | |
| 8-26 | 12,75 G | |
| 10- 7 | 12,70 G | |
| 10-12 | 12,89 G | |
| 58 8- 6 | 12,71 G | |
| 8- 7 | 12,80 G | |
| 8-10 | 12,81 G | |
| 8-12 | 12,74 G | |
| 8-17 | 12,79 G | |
| 8-30 | 12,80 G | |
| 8-31 | 13,12 G | |
| 9-17 | 13,07 G | |

### 30846 P. (suite).

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 37m | 80° 44' |
| 58 9-24 | 12s,77 G | |
| 9-27 | 12,85 G | |
| 9-30 | 12,86 G | |
| 10- 3 | 12,74 G | |
| 10- 5 | 12,78 G | |
| 10-15 | 12,98 G | |
| 10-29 | 12,68 G | |
| 10-30 | 12,78 G | |
| 10-31 | 12,81 G | |
| 11- 3 | 12,79 G | |
| 11- 7 | 12,83 G | |
| 59 7-17 [3] | 12,55 G | |
| 9-23 | 12,79 G | |
| 9-24 | 12,67 G | |
| 10- 1 | 12,99 G | |
| 10- 2 | 12,73 G | |
| 10-22 | 12,78 G | |
| 60 9-11 | 12,90 G | |
| 9-12 | 12,95 G | |
| 9-20 | 12,63 G | |
| 10- 6 | 12,69 G | |
| 10- 9 | | 1",6 G |
| 10-17 | 12,73 G | |
| 10-20 | 12,55 G | |
| 10-24 | | 3,8 G |
| 10-25 [4] | 12,83 G | |
| 61 8-14 | 12,48 G | |
| 8-31 | 12,68 G | |
| 9- 1 | | 4,6 G |
| 9-19 | | 2,3 G |
| 9-25 | 12,78 G | 3,6 G |
| 10- 2 | 12,78 G | |
| 10-15 | 12,89 G | |
| 10-20 | 12,82 G | 3,4 G |
| 10-28 | 12,78 G | |
| 62 8- 5 | | 3,8 G |
| 9-19 | | 2,5 G |

[1] Erreur de 10s dans la déclinaison approchée inscrite.

[2] 𝒜 diminuée de 1m.

[3] 𝒜 augm. de 1s. L'observation a été faite avec ε Pegase également en erreur de 1s et supprimée dans la réduction de la série.

[4] 𝒜 augmentée de 1m.

### 30847 P. — 42370 L.

8 ε Pegase.

Étoile fondamentale.

### 30848 P. — 42408 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 37m | 41° 2' |
| 67 10- 5 | 32s,94 M | 16",7 M |

### 30849 P. — 42382 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 37m | 71° 17' |
| 57 10-20 | | 6",6 G |
| 58 8-16 [1] | | 6,8 G |

[1] 𝒟 diminuée de 5" : erreur de 10" sur l'un des deux microscopes lus.

### 30850 P. — 42386 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 21h 38m | 67° 45' |
| 80 9- 8 | 13s,62 J | 19",2 J |

### 30851 P. — 42368 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 37m | 99° 40' |
| 55 11-28 | 26s,95 G | |
| 57 8-16 | 27,09 G | |
| 59 10- 5 | | 40",5 G |

### 30852 P. — 42392 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 21h 38m | 62° 43' |
| 74 10- 7 | | 30",3 G |

### 30853 P. — 42369 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 37m | 99° 43' |
| 54 8-21 | | 24",6 G |
| 55 9- 8 | | 21,4 G |
| 11-28 | 32s,27 G | |
| 57 8-16 | 32,29 G | |
| 9-15 | | 24,7 G |
| 9-18 | | 25,5 G |
| | III. | |
| | 21h 38m | 99° 39' |
| 80 9-15 | 20s,31 M | 21",2 M |
| 81 7-12 | | 19,1 G |
| 7-13 [1] | 20,46 J | 20,6 J |

[1] 𝒜 augmentée de 10s : erreur de moy.

### 30854 P. — 42388 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 37m | 71° 20' |
| 57 10-20 [1] | 40s,67 G | |

[1] 𝒜 augmentée de 0s,40 : deux fils avaient été corrigés à tort de 1s.

### 30855 P. — 42381 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 21h 38m | 87° 44' |
| 71 9- 5 | 24s,36 M | 28",4 M |
| 74 9-15 | 24,46 M | 28,6 M |
| 9-19 | 24,32 M | 28,4 M |
| 75 9-15 | 24,45 M | 27,4 M |
| 76 8-24 | 24,23 M | 26,3 M |

### 30856 P. — 42413 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 37m | 46° 17' |
| 67 10- 3 | 51s,49 M | 45",0 M |
| 10- 8 | 51,59 M | 47,7 M |

### 30857 P. — 42394 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 37m | 65° 27' |
| 62 8- 6 | 47s,31 G | 41",3 G |

### 30858 P. — 42384 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 37m | 87° 38' |
| 55 10-21 [1] | | 53",3 G |
| 10-31 | 42s,86 G | 54,2 G |
| | III. | |
| | 21h 38m | 87° 34' |
| 71 9-12 | 28s,27 M | 50",5 M |

[1] 𝒟 diminuée de 25",4 (distance des fils horiz.) : observation faite au fil inférieur.

### 30859 P. — 42365 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 37m | 117° 7' |
| 58 8- 5 | | 43",6 G |
| | III. | |
| | 21h 38m | 117° 3' |
| 79 9- 2 | 30s,44 J | 40",3 J |

### 30860 P. — 42374 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 37m | 104° 19' |
| 54 9-21 | 41s,63 G | 2",3 G |
| | III. | |
| | 21h 38m | 104° 14' |
| 79 10- 4 | 30s,47 J | 58",9 J |
| 10-16 | 30,68 J | 58,5 J |

### 30861 P. — 42404-05 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h 37m | 61° 53' |
| 59 8-21 | 52s,67 G | 16",5 G |
| 65 9-20 | | 19,5 G |
| 9-21 | | 19,1 G |
| 9-22 | | 19,9 G |
| 9-23 | | 19,0 G |
| 9-25 | | 18,7 G |
| 9-26 | | 18,8 G |
| | III. | |
| | 21h 38m | 61° 49' |
| 80 9-27 | 33s,18 J | 16",4 J |

### 30862 P. — 4245 A + 41°.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 21h 38m | 48° 6' |
| 80 9-30 [1] | 34s,32 G | |

[1] 𝒜 augmentée de 1m : erreur de transcr.

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜. — 𝒫.)

**30863 P. — 42389 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 21$^h$37$^m$ | 83°25' |
| 57 9-20 | 50$^s$,95 G | 56",5 G |
| 10-15 | 50,91 G | 59,0 G |

**30864 P. — 42410 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 21$^h$38$^m$ | 57°18' |
| 67 8-31 | 1$^s$,84 G | 18",2 G |

**30865 P. — 42380 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 21$^h$37$^m$ | 104°16' |
| 54 9-26 | 51$^s$,59 G | |
| 57 8-29 | | 59",6 G |
| III. | 21$^h$38$^m$ | 104°12' |
| 78 9-20 | 40$^s$,91 M | 52",3 M |
| 9-24 | 40,62 M | 53,2 M |

**30866 P. — 42409 et 11 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 21$^h$38$^m$ | 61°51' |
| 59 8-21 | 6$^s$,71 G | |

**30867 P. — 939 $W_2$.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 21$^h$38$^m$ | 62°52' |
| 71 10-12 | 52$^s$,82 G | |

**30868 P. — 42398 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 21$^h$38$^m$ | 90°51' |
| 55 9-26 | 11$^s$,35 G | 5",7 G |
| III. | 21$^h$38$^m$ | 90°47' |
| 78 9-27 | 57$^s$,44 G | 1",1 G |
| 79 9-3 | 57,50 M | 0,5 M |

**30869 P. — 42391 et 415 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 21$^h$38$^m$ | 64°55' |
| 81 8-24 | 59$^s$,02 J | 43",4 J |
| 9-4 | 59,34 J | 43,6 J |
| 9-29 | 59,09 M | 42,9 M |

**30870 P. — 42397, 400 et 401 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 21$^h$38$^m$ | 95°4' |
| 55 8-27 | | 29",7 G |
| 9-20 | 15$^s$,79 G | 30,9 G |
| 56 8-3 | | 29,4 G |
| 58 9-8 | | 29,1 G |
| 61 8-29 | 15,96 G | 29,6 G |
| 62 9-18 | 15,86 G | 28,5 G |
| III. | 21$^h$39$^m$ | 95°0' |
| 81 9-30 | 2$^s$,99 M | 24",3 M |
| 10-1 | 2,99 M | 25,0 M |

**30871 P. — 42438 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 21$^h$38$^m$ | 43°48' |
| 67 10-1 | 44$^s$,49 M | 30",4 M |

**30872 P. — 42407 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 21$^h$38$^m$ | 108°33' |
| 54 9-27 | 42$^s$,46 G | 46",2 G |
| III. | 21$^h$39$^m$ | 108°29' |
| 81 10-3 | 32$^s$,21 M | 42",8 M |

**30873 P. — 931 $W_1$.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 21$^h$38$^m$ | 82°43' |
| 40 9-12 | 6$^s$,21 G | |
| 9-29 | 6,29 G | |
| 10-10[1] | 6,17 G | |
| 10-12 | 6,22 G | |
| 10-13 | 6,08 G | |
| 41 8-27 | 6,28 G | |
| 8-30 | 6,20 G | |

[1] 𝒜 augmentée de 3$^s$ : erreur de réduct.

**30874 P. — 42414 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 21$^h$37$^m$ | 99°59' |
| 39 9-7 | 59$^s$,99 G | 13",1 F |
| II. | 21$^h$38$^m$ | 99°55' |
| 55 9-9 | | 9",8 G |
| 59 9-7 | 47$^s$,89 G | 11,9 G |
| III. | 21$^h$39$^m$ | 99°51' |
| 74 8-19 | 35$^s$,96 G | 5",8 G |

**30875 P. — 42449 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 21$^h$39$^m$ | 43°42' |
| 79 10-3[1] | 41$^s$,38 G | 41",7 G |
| 81 10-5 | 41,09 G | 43,0 G |

[1] 𝒫 diminuée de 2",6 : erreur de réduct.

**30876 P. — 281 Piazzi.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 21$^h$38$^m$ | 41°26' |
| 45 8-12 | 35$^s$,79 G | |

**30877 P. — 42436 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 21$^h$39$^m$ | 63°34' |
| 81 9-16 | 44$^s$,40 J | 30",5 J |
| 9-28 | 44,56 J | 30,5 J |

**30878 P. — 5758 Sf. — 10$^e$.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 21$^h$38$^m$ | 100°58' |
| 40 9-21 | 11$^s$,16 G | |

**30879 P. — 42418-19 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 21$^h$38$^m$ | 102°4' |
| 44 7-30 | 11$^s$,12 G | 39",9 G |
| 45 11-7 | 11,12 G | |
| 46 8-23 | 11,03 G | |
| II. | 21$^h$38$^m$ | 102°0' |
| 58 9-9 | 59$^s$,60 G | 34",5 G |
| 10-6 | 59,74 G | 35,1 G |
| 62 8-10 | 59,71 G | 35,3 G |

**30880 P. — 42450 et 52 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 21$^h$39$^m$ | 47°8' |
| 80 8-23 | 48$^s$,35 G | 39",7 G |
| 9-22 | 48,49 G | 40,0 G |
| 81 8-22 | 48,63 G | |
| 10-3 | 48,33 G | 41,2 G |

**30881 P. — 42432 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 21$^h$39$^m$ | 78°45' |
| 57 10-13 | 6$^s$,09 G | 48",9 G |

**30882 P. — 42422 et 24 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 21$^h$39$^m$ | 94°46' |
| 58 9-9 | | 13",6 F |
| 9-11 | | 14,5 F |
| III. | 21$^h$39$^m$ | 94°42' |
| 68 9-1 | 51$^s$,26 M | 8",0 M |
| 74 9-15 | 51,32 G | 9,8 G |

**30883 P. — 42444 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 21$^h$39$^m$ | 57°51' |
| 67 9-4[1] | 17$^s$,75 G | 41",9 G |
| III. | 21$^h$39$^m$ | 57°47' |
| 69 10-1 | 56$^s$,48 M | 34",6 M |
| 73 10-8 | | 35,1 G |

[1] 𝒜 diminuée de 1$^m$.

**30884 P. — 42420-21 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 21$^h$38$^m$ | 102°24' |
| 46 10-19 | 20$^s$,16 G | |

**30885 P. — 42431 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 21$^h$40$^m$ | 92°47' |
| 78 9-24 | 3$^s$,45 G | 23",0 G |

**30886 P. — 11 Céphée.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 21$^h$39$^m$ | 19°24' |
| 37 8-8 | | 3",1 F |
| 10-25 | 37$^s$,54 G | |
| 38 12-14 | | 5,8 F |
| 52 11-18 | | 3,7 G |
| 11-18 | | 4,9 F |
| 11-19 | | 6,7 G |
| 11-19 | | 4,0 F |
| 11-20 | | 4,8 G |
| 11-20 | | 4,5 F |
| 11-25 | | 4,3 G |
| 11-25 | | 4,1 F |
| 11-27 | | 4,9 G |
| 11-27 | | 4,3 F |
| 11-27 I | | 4,8 G |
| 11-27 I | | 3,0 F |
| 12-7 | | 4,4 G |
| 12-7 | | 4,4 F |
| 12-8 I[1] | | 3,8 G |
| 12-8 I | | 3,8 F |
| 12-10 I | | 4,8 F |
| 12-11 I | | 4,7 G |
| 12-11 I | | 4,0 F |
| 12-13 I | | 5,5 F |
| 12-18 I | | 4,9 G |
| 12-18 I | | 5,4 F |

[1] 𝒫 augmentée de 5" : erreur de réduct.

**30887 P. — 42439 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 21$^h$39$^m$ | 76°36' |
| 58 10-8 | | 6",2 G |
| 62 9-12 | 23$^s$,12 G | 5,3 G |
| III. | 21$^h$40$^m$ | 76°32' |
| 71 9-14 | 6$^s$,72 G | |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (ℛ, 𝒫)

### 30888 P. — 42423 et 25 à 28 L.

49 δ Capricorne.

Étoile fondamentale.

### 30889 P. — 42437 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| I. | 21h38m | 81°22' |
| 44 9-27 | 41s,36 G | |
| 9-30 | 41,35 G | |
| 49 8-15 | 41,48 G | |
| 8-19 | 41,27 G | |
| II. | 21h39m | 81°18' |
| 57 8-13 | 25s,85 G | |
| 9-19 | 25,83 G | |
| 10-24 | | 6",9 G |
| III. | 21h40m | 81°13' |
| 71 9- 9 | 10s,16 M | 59",6 M |
| 9-16 | 9,99 M | 60,5 M |

### 30890 P. — 42453 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| III. | 21h40m | 61°42' |
| 80 9- 5 | 11s,70 J | 10",9 J |
| 9-30 | 11,98 J | 10,9 J |

### 30891 P. — 42459 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| III. | 21h40m | 57°27' |
| 74 8-19 | 12s,99 M | 35",5 M |
| 8-20 | 13,03 M | 35,8 M |

### 30892 P. — 42454-55 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| II. | 21h39m | 65°3' |
| 58 8- 8 | 35s,90 G | |
| 8-30 | 35,80 G | |
| 59 8-12 | 35,69 G | |
| 60 10-25 | 35,83 G | |
| III. | 21h40m | 64°59' |
| 71 8-26 | 16s,49 G | |
| 74 9-14 | 16,56 M | 31",4 M |
| 75 9-14 | 16,48 M | 30,3 M |

### 30893 P. — 42440 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| II. | 21h39m | 84°6' |
| 56 10- 5 | 32s,32 G | 28",4 G |
| III. | 21h40m | 84°2' |
| 75 10-12 | 17s,42 M | 23",7 M |
| 80 9- 3 | 17,29 M | 23,4 M |

### 30894 P. — 42474-75 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| III. | 21h40m | 47°14' |
| 80 9-27 | 17s,55 G | |
| 9-29 [1] | 17,29 G | 34",1 G |

[1] ℛ augmentée de 0s,40 : erreur de moy.

### 30895 P. — 42451 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| I. | 21h38m | 67°45' |
| 40 10-30 | 56s,59 G | |
| 46 8- 8 | 56,67 G | |
| 10-22 | | 49",4 G |
| 47 7-29 | 56,47 G | |
| 9-10 | 56,60 G | |
| 9-11 | 56,59 G | |
| II. | 21h39m | 67°41' |
| 58 8- 7 | 37s,72 G | |
| 9-10 | | 42",3 G |

### 30896 P. — θ Poisson austr.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| I. | 21h38m | 121°36' |
| 45 8- 4 | 37s,62 G | |

### 30897 P. — 949 W1.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| II. | 21h39m | 81°20' |
| 57 8-13 | 39s,79 G | |

### 30898 P. — 42470-71 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| II. | 21h39m | 54°47' |
| 59 11-23 [1] | | 13",9 G |
| 61 9-27 | | 12,1 G |

[1] 𝒫 diminuée de 10' : erreur de réduct.

### 30899 P. — 42430 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| II. | 21h39m | 118°23' |
| 59 10-22 | | 41",7 G |
| 60 10- 6 | 35s,15 G | |

### 30900 P. — 42443 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| II. | 21h39m | 89°47' |
| 58 10-29 | 44s,41 G | |
| 59 10- 5 | | 30",9 G |
| 61 9-30 [1] | 44,41 G | 31,3 G |
| 10- 3 | 44,57 G | 31,1 G |

### 30900 P. (suite).

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| III. | 21h40m | 89°43' |
| 79 9-10 | 30s,47 J | 24",8 J |

[1] 𝒫 augm. de 4'45",5 : on avait omis de tenir compte de la lecture au fil mobile dans la réduction.

### 30901 P. — 6371 Sf. — 17°.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| I. | 21h38m | 107°28' |
| 48 9-11 | 56s,42 G | |
| 49 9- 8 | 56,45 G | |

### 30902 P. — 42468 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| II. | 21h39m | 67°41' |
| 58 8- 7 | 55s,22 G | |
| 62 8-12 | 55,01 G | |
| III. | 21h40m | 67°37' |
| 79 9-18 | 36s,46 G | |
| 10-12 | 36,39 G | 46",2 G |
| 81 10- 4 | 36,25 M | 45,7 M |

### 30903 P. — 42445 et 47 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| II. | 21h39m | 92°56' |
| 61 9-26 | 52s,07 G | |
| III. | 21h40m | 92°51' |
| 79 10- 3 | 38s,80 M | 60",1 M |
| 80 8-30 | 38,78 M | 59,2 M |

### 30904 P. — 42466 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| II. | 21h40m | 68°28' |
| 59 7-28 | 0s,51 G | |
| III. | 21h40m | 68°24' |
| 79 9- 8 | 42s,11 G | 6",1 G |
| 80 8-13 | 42,28 M | 5,8 G |

### 30905 P. — 42472-73 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| I. | 21h39m | 65°9' |
| 48 8- 5 | 20s,78 G | |
| 9- 4 | | 6",0 G |
| 49 8-26 | 20,81 G | |
| 9-25 | | 5,8 G |
| II. | 21h40m | 65°5' |
| 58 8- 8 | 1s,64 G | |
| 8-30 | 1,54 G | |
| 60 10-25 | 1,62 G | |

### 30905 P. (suite).

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| III. | 21h40m | 65°0' |
| 71 8-26 | | 53",4 G |
| 9-17 | 42s,55 G | |
| 10-14 | 42,40 G | |
| 79 9-30 | 42,58 G | |
| 81 9-28 | 42,54 M | 52,9 M |

### 30906 P. — 29500 Mn1.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| III. | 21h40m | 110°9' |
| 73 10- 9 | 42s,79 G | |

### 30907 P. — 42464-65 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| I. | 21h39m | 76°59' |
| 40 8-20 | | 39",5 F |
| 10-31 | 17s,30 G | |
| 11- 6 | 17,21 G | |
| II. | 21h40m | 76°55' |
| 56 8-30 | | 32",4 G |
| 58 8-16 | | 32,8 G |
| 10-12 | 0s,64 G | |
| III. | 21h40m | 76°51' |
| 71 9- 3 | 43s,95 G | |
| 9-12 | 44,21 G | |

### 30908 P. — 42460 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| I. | 21h39m | 83°32' |
| 41 10-18 | 16s,08 G | |
| 10-19 | 16,20 G | |
| 10-20 | 16,25 G | |
| II. | 21h40m | 83°28' |
| 57 7-27 | 1s,03 G | |
| 58 8-20 | 1,10 G | 11",0 G |
| III. | 21h40m | 83°24' |
| 74 8-20 | 45s,85 G | 5",0 G |

### 30909 P. — 42493 et 95 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| III. | 21h40m | 38°18' |
| 81 9-13 | 48s,29 G | 27",1 G |
| 10- 1 | 48,35 G | 28,0 G |

### 30910 P. — 42441 L.

| A. M. J. | ℛ | 𝒫 |
|---|---|---|
| II. | 21h39m | 108°51' |
| 54 8-24 | 59s,00 G | 34",1 G |
| 8-25 | 58,98 G | 31,0 G |
| 67 9-16 | 59,22 M | 34,4 M |

Dates 1800 + — Positions moyennes pour les époques du Catal.

### 30911 P. — 42476-77 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 21h 40m | 71° 10' |
| 58 | 8- 3 | 9s,53 G | 4",4 G |
| | 8-17[1] | 9,42 G | 5,1 G |
| | 9- 8 | | 4,0 G |
| | 9-30 | 9,57 G | 4,6 G |

[1] 𝒫 augmentée de 1'.

### 30912 P. — 964 W1.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 21h 39m | 83° 34' |
| 41 | 10-23 | 22s,43 G | |
| | | II. | |
| | | 21h 40m | 83° 30' |
| 58 | 8-20 | 7s,30 G | |

### 30913 P. — 42457-58 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 21h 40m | 95° 15' |
| 55 | 9- 9 | 5s,03 G | |
| 57 | 8- 7 | 5,18 G | 14",8 G |
| | 9-18 | | 15,6 G |
| 58 | 11- 4 | | 14,0 G |

### 30914 P. — 42462 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 21h 39m | 86° 18' |
| 40 | 10-13 | 22s,13 G | |
| | | II. | |
| | | 21h 40m | 86° 14' |
| 56 | 9-26 | 7s,43 G | |
| | | III. | |
| | | 21h 40m | 86° 10' |
| 71 | 9- 5 | 52s,75 M | 24",6 M |
| | 9-12 | 52,80 M | 24,8 M |

### 30915 P. — 42461 L[1].

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 21h 39m | 88° 1' |
| 41 | 8- 7 | 22s,28 G | |
| | 9- 9 | 22,19 G | |
| 42 | 10- 5 | 22,21 G | |
| | 10- 6 | 22,28 G | |
| | 10- 7 | 22,34 G | |
| | | II. | |
| | | 21h 40m | 87° 57' |
| 55 | 10- 2 | 7s,74 G | 33",3 G |
| 56 | 9-27 | | 33,9 G |
| 57 | 10-12 | 7,99 G | 34,1 G |

[1] 11 Pégase dans Piazzi, 27 Verseau dans B.A.C.

### 30916 P. — 42487 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 21h 40m | 44° 48' |
| 80 | 10- 1 | 54s,52 G | 42",7 G |
| | 10-18 | 54,25 G | 42,8 G |

### 30917 P. — 42442 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 21h 40m | 116° 31' |
| 55 | 8- 5 | 7s,59 G | |
| 61 | 10-26 | 7,75 G | 26",7 G |
| | | III. | |
| | | 21h 40m | 116° 27' |
| 79 | 10-12 | 59s,37 J | 20",5 J |

### 30918 P. — 42488 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 21h 41m | 47° 22' |
| 80 | 9-20 | 0s,18 G | 11",1 G |

### 30919 P. — 42456 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 21h 40m | 106° 43' |
| 54 | 8-27 | 11s,32 G | 25",8 G |
| 58 | 9-19 | 11,16 G | |
| | | III. | |
| | | 21h 41m | 106° 39' |
| 78 | 9- 2 | 0s,74 M | 19",7 M |
| | 9- 4 | 0,58 M | |

### 30920 P. — 42479 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 21h 40m | 70° 43' |
| 56 | 8-13 | 18s,91 G | |
| | 9-16 | 18,83 G | |
| 58 | 9-11 | 19,06 G | |
| | 9-27 | | 26",5 G |
| | 10- 4 | | 27,6 G |

### 30921 P. — 985 W2.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 21h 40m | 67° 43' |
| 58 | 8- 7 | 20s,80 G | |

### 30922 P. — 42463 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 21h 40m | 96° 33' |
| 55 | 10- 5 | 15s,92 G | |
| 57 | 8-16 | 15,89 G | |
| | | III. | |
| | | 21h 41m | 96° 29' |
| 76 | 10- 6 | 3s,21 M | 42",0 M |
| 79 | 10- 3 | 3,37 J | 41,8 J |
| | 10- 6 | 3,40 J | 41,3 J |

### 30923 P. — 42448 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 21h 40m | 114° 42' |
| 55 | 9-25 | 12s,76 G | 9",6 G |

### 30924 P. — 42481 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 21h 39m | 73° 31' |
| 46 | 8-12 | | 10",8 G |
| | 10- 1 | 42s,60 G | 10,6 G |
| | 10-18 | 42,52 G | |
| | 10-20 | | 11,7 F |
| 47 | 8-12 | 42,35 G | |
| | 8-13 | 42,63 G | |
| | 8-14 | 42,43 G | |
| | 8-16 | 42,58 G | |
| 48 | 9-18 | 42,54 G | |
| 50 | 8-12 | | 10,1 G |
| 52 | 12-10 | 42,53 G | |
| | | II. | |
| | | 21h 40m | 73° 27' |
| 56 | 9-14 | 25s,23 G | |
| 59 | 8-29 | 25,08 G | |
| 60 | 8-16 | 25,38 G | 4",0 F |
| | 9- 3 | | 6,2 G |
| | 9-20 | 25,28 G | 5,1 G |
| | 11- 3 | 25,38 G | |
| 61 | 10- 9 | 25,06 G | 4,2 G |

### 30925 P. — 42480 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 21h 40m | 79° 33' |
| 57 | 10-20 | 29s,14 G | 25",3 G |
| | | III. | |
| | | 21h 41m | 79° 29' |
| 71 | 8-19 | 12s,91 G | |
| | 8-22 | 13,22 G | |
| | 8-23 | 13,32 M | 18",1 M |
| | 9- 9 | 13,25 G | |
| | 9-15 | 13,25 M | 16,9 M |
| | 9-15 | 13,35 G | 17,3 G |

### 30926 P. — 42467 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 21h 40m | 100° 30' |
| 54 | 8-29 | 26s,67 G | 38",1 G |
| | | III. | |
| | | 21h 41m | 100° 26' |
| 78 | 9-11 | 14s,83 M | 30",1 M |
| | 9-28 | 14,71 M | 29,4 M |

### 30927 P. — 42503-04 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 21h 40m | 47° 35' |
| 63 | 7-31 | 43s,15 G | |
| | 8- 1 | 43,35 G | |
| | 8- 7 | 43,09 G | |
| | 8-14 | 42,98 G | |
| | 8-25 | 43,03 G | |
| | 9-11 | 43,10 G | |
| | 9-12 | 42,99 G | |
| | 9-15 | 43,06 G | |
| | 9-18 | 43,09 G | |
| | 9-19 | 43,10 G | |
| | 9-27 | 43,14 G | |
| 64 | 8- 3 | 43,11 G | |
| | 8-27 | 43,11 G | |
| | 8-28 | 43,14 G | |

### 30927 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 21h 40m | 47° 35' |
| 64 | 8-29 | 43s,06 G | |
| | 9- 5 | 43,15 G | |
| | 9- 9 | 43,24 G | |
| | 9-17 | 43,09 G | |
| | 9-26 | 43,18 G | |
| | 9-29 | 43,11 G | |
| | 9-30 | 43,15 G | |
| | 10- 1 | 43,18 G | |
| | 10-17 | 43,13 G | |
| | 10-20 | | 4",7 G |
| 65 | 8-26 | | 6,3 G |
| | 8-30 | | 5,7 G |
| | 9- 1 | 42,95 G | |
| | 9- 2 | 43,07 G | |
| | 9- 5 | 43,09 G | |
| | 9- 6 | 43,05 G | |
| | 9- 8 | 43,04 G | |
| | 9-12 | 43,22 G | |
| | 9-13 | 43,08 G | |
| | 9-15 | | 5,4 G |
| | 9-16 | | 6,1 G |
| | 9-18 | | 6,2 G |
| | 10- 6 | 43,14 G | |
| | 10- 7 | 43,33 G | |
| | | III. | |
| | | 21h 41m | 47° 30' |
| 72 | 8-31 | 18s,75 G | |
| | 9- 1 | 18,88 G | |
| 81 | 9-19 | 18,53 G | 53",4 G |
| | 10-31 | 18,68 G | 58,2 G |

### 30928 P. — 42469 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 21h 40m | 102° 47' |
| 54 | 9- 1 | | 25",9 G |
| | 9- 8 | 30s,71 G | |
| | | III. | |
| | | 21h 41m | 102° 43' |
| 78 | 9-30 | 19s,45 M | 20",8 M |

### 30929 P. — 42483 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 21h 40m | 79° 53' |
| 56 | 9- 5 | 35s,42 G | |
| 59 | 8-24 | 35,41 G | |
| 60 | 8-17 | 35,58 G | 12",0 F |
| 61 | 10-19 | 35,62 G | 10,8 G |
| 62 | 9- 8 | 35,49 G | 12,7 G |
| | 9-25 | | 12,9 G |

### 30930 P. — 42490 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 21h 40m | 60° 32' |
| 58 | 9-23 | 41s,65 G | |
| | 11-11 | | 38",2 G |
| | 11-12 | 41,83 G | |
| | | III. | |
| | | 21h 41m | 60° 28' |
| 80 | 9- 8 | 21s,16 M | 31",1 M |

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|

### 30931 P. — 42482 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 40m | 83° 31′ |
| 57 9-22 | 37s,36 G | 38″,4 G |
| | III. | |
| | 21h 41m | 83° 27′ |
| 79 9-10 | 22s,07 G | 34″,1 G |

### 30932 P. — 42492 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 21h 41m | 57° 47′ |
| 74 9-17 | 22s,48 M | 41″,2 M |
| 9-18 | 22,55 M | 39,7 M |
| 76 8-24 | 22,34 M | 39,8 M |
| 8-25 | 22,55 M | 41,4 M |

### 30933 P. — 42496 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 40m | 57° 38′ |
| 66 9-10 | 45s,79 G | |
| | III. | |
| | 21h 41m | 57° 34′ |
| 69 9-25 | 24s,69 M | 48″,7 M |
| 10- 6 | 24,59 M | 49,0 M |

### 30934 P. — 42478 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 40m | 97° 6′ |
| 55 9-26 | 37s,78 G | 30″,6 G |
| | III. | |
| | 21h 41m | 97° 2′ |
| 79 8-25 | 25s,20 J | 24″,4 J |
| 9- 1 | 25,27 J | 23,8 J |
| 9- 2 | 25,19 J | 24,4 J |

### 30935 P. — 78 Dragon.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 21h 41m | 18° 23′ |
| 38 8-15 | | 22″,9 G |
| 40 8-28 | | 24,2 F |
| 50 9- 7 | | 24,5 G |

### 30936 P. — 42507 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 40m | 52° 59′ |
| 67 8-31 | 55s,62 G | 14″,3 G |
| | III. | |
| | 21h 41m | 52° 55′ |
| 74 8-21 | 33s,14 M | 8″,7 M |

### 30937 P. — 9481 Rümker.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 21h 40m | 84° 54′ |
| 40 8-31 | 5s,47 G | 44″,9 F |

### 30938 P. — 42485 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 40m | 85° 26′ |
| 57 9-20 | 54s,14 G | 49″,0 G |
| | III. | |
| | 21h 41m | 85° 22′ |
| 71 9-18 | 39s,63 M | 41″,4 M |

### 30939 P. — 42517 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 21h 41m | 44° 49′ |
| 80 8-27 | 43s,50 G | 45″,6 G |

### 30940 P. — 42486 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 40m | 85° 33′ |
| 55 9-28 | 59s,85 G | 11″,6 G |
| | III. | |
| | 21h 41m | 85° 29′ |
| 79 10- 4 | 44s,93 J | 4″,6 J |

### 30941 P. — 42484 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 40m | 100° 56′ |
| 54 9- 7 | 58s,32 G | 44″,6 G |
| 57 8-29 | | 42,9 G |
| 9- 9 | | 42,2 G |
| | III. | |
| | 21h 41m | 100° 52′ |
| 79 10-16 | 46s,57 J | 33″,6 J |

### 30942 P. — 42509 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21m 41m | 61° 55′ |
| 58 8-28 | 8s,60 G | 54″,7 G |
| 9-17 | 8,68 G | |
| 59 8-16 | 8,66 G | |
| 61 8-30 | 8,55 G | 55″,5 G |
| 10-15 | | 54,9 G |

### 30943 P. — ν Céphée.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 21h 40m | 29° 35′ |
| 38 12-14 | 58s,61 G | 35″,0 F |
| 46 11-30 | | 34,5 G |
| 12- 1 | | 34,7 G |
| 50 8-31 | 58,78 G | 36,3 G |
| 8-31 | | 36,3 F |

### 30943 P. (suite).

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 41m | 29° 31′ |
| 63 9-27 | | 28″,1 G |
| 65 9-20 | | 27,9 G |
| 9-21 | | 28,1 G |
| 9-22 | | 28,1 G |
| 9-23 | | 27,9 G |
| 9-25 | | 27,0 G |

### 30944 P. — 42514 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 21h 41m | 53° 16′ |
| 68 10- 7 | 51s,67 G | 6″,5 G |
| 10- 8 | 51,65 G | 6,9 G |
| 69 10- 9 | 51,74 M | 8,7 M |

### 30945 P. — 980 W1.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 21h 40m | 80° 52′ |
| 43 9-23 | 23s,32 G | |

### 30946 P. — 42511 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 41m | 62° 4′ |
| 58 9-24 | 12s,06 G | |
| 59 9-23 | 11,99 G | |
| 61 10-15 | 11,95 G | |
| 10-28 | 11,66 G | 21″,0 G |
| 62 9-13 | 12,22 G | 20,6 G |

### 30947 P. — 15958 Bonn.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 21h 40m | 42° 5′ |
| 43 9-29 | 46s,27 G | |

### 30948 P. — 42494 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 41m | 85° 11′ |
| 56 10-25 | 9s,54 G | |
| 58 8-12 | 9,38 G | |
| 60 10-24[1] | 9,50 G | 16″,8 G |
| | III. | |
| | 21h 41m | 85° 7′ |
| 80 8-26 | 54s,96 M | 9″,2 M |

[1] 𝒫 diminuée de 5″.

### 30949 P. — 42491 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 41m | 90° 26′ |
| 56 10-27 | 12s,14 G | |
| 57 10-16[1] | 12,25 G | 45″,1 G |
| 60 10-12 | 12,37 G | |

### 30949 P. (suite).

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 21h 41m | 90° 22′ |
| 76 9-20 | 58s,34 G | 37″,8 G |
| 78 10- 2 | 58,37 J | 37,0 J |

[1] 𝒜 augmentée de 0s,10 : erreur de moy.

### 30950 P. — 42501 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 41m | 79° 59′ |
| 57 8-22 | 14s,72 G | |
| 10- 7 | 14,55 G | 35″,7 G |

### 30951 P. — 42489 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 41m | 96° 53′ |
| 56 7-26 | 12s,14 G | |
| 58 9- 8 | | 47″,5 G |
| 10- 2 | 12,46 G | 48,3 G |

### 30952 P. — 42500 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 21h 40m | 83° 41′ |
| 40 9-29 | 30s,75 G | |
| | II. | |
| | 21h 41m | 83° 36′ |
| 56 8-31 | 15s,40 G | 55″,3 G |
| | III. | |
| | 21h 42m | 83° 32′ |
| 80 9- 1 | 0s,45 M | 50″,0 M |

### 30953 P. — 29555 Mn1.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 41m | 79° 26′ |
| 58 10- 5 | 17s,91 G | |
| 11- 3 | 17,90 G | |

### 30954 P. — 42526-27 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 21h 42m | 47° 15′ |
| 72 9-20 | 4s,93 M | 21″,6 M |
| 74 9-15 | | 21,4 G |
| 10-12 | 5,06 G | 22,0 G |

### 30955 P. — 42516 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 41m | 61° 37′ |
| 59 8-21 | 27s,58 G | 35″,6 G |
| | III. | |
| | 21h 42m | 61° 33′ |
| 71 9-18 | | 27″,3 G |
| 10-15 | 7s,47 G | 27,3 G |

Dates 1800+ — Positions moyennes pour les époques du Catal.

**30956 P. — 42508 et 10 L.**

| A. M. J. | AR | D |
|---|---|---|
| I. | 21h40m | 79°32' |
| 40 8-20 | | 24",6 F |
| II. | 21h41m | 79°28' |
| 56 9-20 | | 15",5 G |
| 58 8-11 | 23s,89 G | 15,6 G |
| 8-24 | 23,89 G | 15,3 G |
| 10-5 | 24,02 G | 15,7 G |
| 11-3 | 24,04 G | |
| III. | 21h42m | 79°24' |
| 81 9-4 | 8s,07 J | 7",9 J |
| 9-15 | 7,81 J | 6,8 J |
| 10-14 | | 5,8 J |

**30957 P. — 42541 L.**

| A. M. J. | AR | D |
|---|---|---|
| III. | 21h42m | 38°4' |
| 81 10-18 | 8s,34 G | 13",9 G |

**30958 P. — 42534-35 L.**

| A. M. J. | AR | D |
|---|---|---|
| I. | 21h41m | 41°24' |
| 37 10-12 | 4s,31 G | |
| 38 11-30 | 4,24 G | |
| 40 10-30 | 4,30 G | |
| 10-31 | 4,34 G | |
| 11-3 | 4,31 G | |
| 45 8-4 [1] | 4,34 G | |
| 8-12 | 4,34 G | |
| 46 11-14 [2] | | 20",4 G |
| 49 8-25 | 4,20 G | |
| II. | 21h41m | 41°20' |
| 62 7-21 | 37s,47 G | |
| 7-25 | 37,47 G | |
| 9-5 | 37,42 G | |
| 9-11 | 37,26 G | |
| 67 10-2 | 37,16 M | 13",1 M |
| III. | 21h42m | 41°16' |
| 68 10-20 | 10s,27 M | 5",9 M |

[1] AR augmentée de 1m.

[2] Observation faite près du zénith, sans indication de la position de l'observateur. On n'a pas tenu compte de la valeur de l'équation personnelle dans le calcul de la distance polaire.

**30959 P. — 42505 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | 21h41m | 87°49' |
| 57 10-15 | 25s,43 G | 55",9 G |
| III. | 21h42m | 87°45' |
| 80 9-2 | 11s,18 M | 48",9 M |
| 81 8-18 | 11,11 M | 46,8 M |

**30960 P. — 15968 Bonn.**

| A. M. J. | AR | D |
|---|---|---|
| III. | 21h42m | 47°14' |
| 74 9-15 | 14s,35 G | |

**30961 P. — 42520 L.**

| A. M. J. | AR | D |
|---|---|---|
| III. | 21h42m | 60°51' |
| 80 8-27 | 17s,47 J | 7",7 J |
| 8-30 | 17,50 J | 6,9 J |

**30962 P. — 42522 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | 21h41m | 62°0' |
| 58 9-17 | 42s,46 G | |
| 59 10-22 | 42,42 G | |
| 61 10-15 | 42,37 G | |
| 10-20 | 42,33 G | |
| 10-28 [1] | 42,26 G | |
| 11-3 | 42,44 G | |
| 62 9-9 | 42,40 G | |
| III. | 21h42m | 61°55' |
| 71 10-5 | 22s,60 G | |
| 74 9-30 | 22,52 M | 54",5 M |
| 75 9-15 | 22,43 M | 54,1 M |

[1] AR diminuée de 20s : erreur de moy.

**30963 P. — 42498-99 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | 21h41m | 109°2' |
| 54 9-3 | 33s,85 G | 8",3 G |
| 58 10-29 | | 6,9 F |
| III. | 21h42m | 108°58' |
| 78 9-6 | 24s,11 M | 0",5 M |
| 9-18 | 23,97 M | 1,0 M |
| 9-29 | 24,00 M | 1,5 M |

**30964 P. — 42525 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | 21h41m | 61°50' |
| 61 10-20 | | 0",6 G |
| III. | 21h42m | 61°45' |
| 80 9-14 | 24s,09 J | 50",6 J |
| 9-20 | 24,17 J | 50,9 J |
| 81 8-24 [1] | 24,17 J | 50,6 J |

[1] D augmentée de 1' : erreur de réduction.

**30965 P. — 42524 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | 21h41m | 66°10' |
| 58 11-1 | 47s,43 G | 58",8 G |

**30965 P. (suite).**

| A. M. J. | AR | D |
|---|---|---|
| III. | 21h42m | 66°6' |
| 79 9-28 [1] | 28s,31 G | 50",8 G |

[1] AR dim. de 0s,06 et D augm. de 0",3 : erreurs de réduction.

**30966 P. — 42512 L.**

| A. M. J. | AR | D |
|---|---|---|
| I. | 21h40m | 96°7' |
| 39 9-11 [1] | | 7",9 F |
| 9-18 | 54s,44 G | |
| 41 8-30 | 54,42 G | |
| II. | 21h41m | 96°3' |
| 55 9-16 | 41s,77 G | 1",5 G |
| 56 8-1 | | 3,9 G |
| 57 8-11 | 41,79 G | |
| 58 9-13 | 41,55 G | 2,9 G |
| 9-14 | 41,98 G | 3,9 G |
| 9-16 | 41,45 G | 3,5 G |
| 9-18 | | 3,1 G |

[1] D diminuée de 5'.

**30967 P. — 1018 $W_2$.**

| A. M. J. | AR | D |
|---|---|---|
| II. | 21h41m | 71°14' |
| 58 8-3 | 47s,03 G | 36",6 G |
| 8-17 [1] | 47,07 G | |
| 9-30 | 47,21 G | 36,7 G |

[1] Erreur de 2m dans la déclinaison approchée inscrite. Observée pour 42533 Lal.

**30968 P. — 989 $W_1$.**

| A. M. J. | AR | D |
|---|---|---|
| II. | 21h41m | 90°55' |
| 62 8-5 | 45s,86 G | |

**30969 P. — 42515 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | 21h41m | 87°29' |
| 55 10-21 [1] | | 23",5 G |
| 11-26 | | 23,7 G |
| 56 9-1 | 47s,30 G | |
| III. | 21h42m | 87°25' |
| 71 9-4 | 32s,99 M | 15",8 M |
| 9-16 | 32,91 M | 14,9 M |

[1] AR diminuée de 25",4 (distance des fils horizont.) : observ. faite sous le fil inférieur).

**30970 P. — 9503 Rümker.**

| A. M. J. | AR | D |
|---|---|---|
| II. | 21h41m | 71°57' |
| 56 8-15 | 52s,71 G | |
| 58 8-17 [1] | | 4",0 G |

**30970 P. (suite).**

| A. M. J. | AR | D |
|---|---|---|
| III. | 21h42m | 71°52' |
| 71 9-2 | 35s,23 G | 54",9 G |
| 79 10-3 [2] | 35,01 G | 56,6 G |
| 10-4 | 35,10 G | 53,6 G |
| 10-11 | 34,86 G | 53,3 G |
| 80 9-13 | 35,12 M | 55,1 M |
| 9-14 | 35,16 M | 53,3 M |

[1] D augmentée de 5'. L'observateur avait diminué arbitrairement la lecture de 5' pour faire accorder avec 42533 L.

[2] D diminuée de 2",6 : erreur de réduct.

**30971 P. — 29583 $Mn_1$.**

| A. M. J. | AR | D |
|---|---|---|
| II. | 21h41m | 85°16' |
| 58 8-12 | 53s,14 G | |
| 10-29 | 52,92 G | |
| 61 9-19 | | 7",6 G |

**30972 P. — 42502 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | 21h41m | 118°3' |
| 55 9-8 | 48s,84 G | |
| 58 8-5 | | 14",3 G |
| 59 10-22 | | 11,3 G |
| III. | 21h42m | 117°59' |
| 79 10-7 | 40s,76 J | 5",0 J |

**30973 P. — 42552 L.**

| A. M. J. | AR | D |
|---|---|---|
| III. | 21h42m | 46°34' |
| 80 9-13 | 45s,58 G | 2",0 G |
| 9-14 | 45,75 G | 1,8 G |

**30974 P. — 42521 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | 21h42m | 85°21' |
| 58 8-12 | | 3",1 G |
| 10-29 | 1s,60 G | |
| 60 8-25 | 1,42 G | |
| 61 9-19 | | 4,6 G |
| 62 8-13 | 1,57 G | 2,8 G |
| III. | 21h42m | 85°16' |
| 75 10-16 | 46s,92 M | 56",2 M |

**30975 P. — 10955 Leipzig II [1].**

| A. M. J. | AR | D |
|---|---|---|
| I. | 21h41m | 84°59' |
| 40 8-28 | 20s,90 G | |
| 8-31 | 20,70 G | 39",7 F |

[1] L'étoile paraît avoir un mouvement propre assez considérable. (*Voir* aussi 7615 Albany.)

Dates 1800 + | Positions moyennes pour les époques du Catal.

### 30976 P. — 42546 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | $21^h42^m$ | 53°59' |
| 68 10-10 | $52^s,36$ G | 57",3 G |
| 10-20 | 52,42 G | 57,2 G |
| 10-22 | 52,34 G | 55,9 G |

### 30977 P. — 42533 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $21^h42^m$ | 71°52' |
| 56 8-14 | $10^s,07$ G | |
| III. | $21^h42^m$ | 71°48' |
| 71 9-14 | $52^s,65$ G | |

### 30978 P. — 42513 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $21^h42^m$ | 111°7' |
| 57 9-27 | $2^s,29$ G | |
| 58 10-31 | 2,60 G | 42",7 G |
| III. | $21^h42^m$ | 111°3' |
| 79 9-17 | $52^s,96$ J | 34",5 J |

### 30979 P. — 42528 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $21^h42^m$ | 84°28' |
| 56 9-27 | $9^s,32$ G | |
| 10-19 | | 24",3 G |
| III. | $21^h42^m$ | 84°24' |
| 71 9-9 | $54^s,35$ M | 15",3 M |

### 30980 P. — 42519 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | $21^h41^m$ | 99°1' |
| 40 10-10 | $19^s,40$ G | |
| 10-12 | 19,43 G | |
| 10-13 | 19,45 G | |
| II. | $21^h42^m$ | 98°57' |
| 55 9-15 | $7^s,47$ G | 43",4 G |
| III. | $21^h42^m$ | 98°53' |
| 79 9-10 | $55^s,32$ J | 35",6 J |

### 30981 P. — 42537 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $21^h42^m$ | 70°7' |
| 57 8-26 | $13^s,74$ G | |
| 10-13[1] | 13,61 G | 38",9 G |
| 58 8-26 | | 38,4 G |

[1] 𝒜 augmentée de $1^m$ : erreur de transcr.

### 30982 P. — 42518 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | $21^h41^m$ | 103°26' |
| 39 8-24 | $18^s,19$ G | |
| 9-1 | | 31",7 F |
| 9-7 | 18,16 G | |
| 10-19 | 18,20 G | |
| 40 11-6 | 18,00 G | |
| II. | $21^h42^m$ | 103°22' |
| 54 9-6 | $6^s,81$ G | 25",0 G |
| 57 9-6 | | 26,2 G |
| III. | $21^h42^m$ | 103°18' |
| 79 8-22 | $55^s,71$ J | 16",5 J |

### 30983 P. — 3597 Gr.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | $21^h44^m$ | 7°47' |
| 47 7-6 | $10^s,19$ G | 6",7 G |
| 7-6 | | 4,8 F |
| 7-8[1] | 10,43 G | 11,4 F |
| 7-10 | 10,42 G | 6,2 G |

[1] 𝒟 non comprise dans la moyenne.

### 30984 P. — 8411 Berlin B.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $21^h42^m$ | 69°16' |
| 58 11-7[1] | $15^s,89$ G | |

[1] 𝒜 diminuée de $1^m$.

### 30985 P. — 42545 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $21^h42^m$ | 57°51' |
| 59 11-23 | | 11",0 G |
| 60 10-6 | $18^s,99$ G | 9,9 G |
| 10-9 | 19,23 G | |
| 61 10-1 | | 9,4 G |
| 62 9-29 | 19,12 G | 8,5 G |
| 66 9-1 | 19,16 G | |
| 9-5 | 19,32 G | |
| 9-20 | 19,23 G | |

### 30986 P. — 42543 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $21^h42^m$ | 61°55' |
| 58 8-10 | $18^s,18$ G | 60",2 G |
| 59 10-22[1] | 18,25 G | |
| 11-13 | | 58,3 G |
| III. | $21^h42^m$ | 61°51' |
| 71 8-26 | | 52",7 M |
| 8-26 | $58^s,32$ G | 51,6 G |

[1] 𝒜 diminuée de $10^s$ : erreur de moy.

### 30987 P. — 42542 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $21^h42^m$ | 68°13' |
| 58 9-10 | | 12",0 G |
| 10-15 | $18^s,73$ G | |
| 11-7 | | 11,1 G |
| III. | $21^h43^m$ | 68°9' |
| 71 10-12 | $0^s,36$ G | |

### 30988 P. — 12918 Cambridge.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | $21^h41^m$ | 60°35' |
| 46 7-23 | $43^s,59$ G | |

### 30989 P. — 42557 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $21^h42^m$ | 51°41' |
| 67 10-30[1] | | 32",9 G |
| III. | $21^h43^m$ | 51°37' |
| 80 9-1 | $7^s,97$ J | 24",5 J |
| 9-4 | 8,09 J | 24,5 J |
| 9-5 | 8,12 J | 25,2 J |
| 81 9-28 | 8,05 J | 24,1 J |
| 10-1 | 7,83 J | 25,3 J |
| 10-4 | | 26,0 J |

[1] 𝒟 diminuée de 4° : erreur de réduct.

### 30990 P. — 42560 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | $21^h43^m$ | 48°14' |
| 80 9-4 | $8^s,15$ G | 21",2 G |
| 9-5 | 8,37 G | 20,1 G |
| 9-9 | 8,31 G | 19,3 G |
| 9-22 | 8,23 G | 20,3 G |
| 81 10-17 | 8,11 G | 23,4 G |

### 30991 P. — 42564 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | $21^h43^m$ | 46°14' |
| 80 9-3 | $9^s,58$ G | 7",7 G |
| 9-26 | 9,70 G | 7,3 G |

### 30992 P. — 42536 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $21^h42^m$ | 84°31' |
| 56 9-26 | $25^s,37$ G | 42",5 G |
| 9-27 | 25,46 G | |
| III. | $21^h43^m$ | 84°27' |
| 71 9-12 | $10^s,42$ M | 34",0 M |

### 30993 P. — 42563 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | $21^h43^m$ | 51°55' |
| 73 10-16 | $17^s,88$ G | |
| 80 8-13 | 18,05 M | 53",5 M |
| 9-3 | 17,98 M | 51,5 M |

### 30994 P. — 42529 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | $21^h41^m$ | 107°33' |
| 49 9-8 | $41^s,02$ G | |
| II. | $21^h42^m$ | 107°29' |
| 54 9-20 | $30^s,69$ G | |
| 10-31 | | 45",3 G |
| III. | $21^h43^m$ | 107°25' |
| 78 8-24 | $20^s,26$ G | 34",4 G |

### 30995 P. — 42531-32 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $21^h42^m$ | 102°15' |
| 54 9-26 | $32^s,28$ G | |
| 10-8 | | 27",0 G |
| 58 8-27 | | 26,9 G |
| 9-9 | 32,45 G | 26,9 G |
| 10-6 | 32,41 G | 28,4 G |
| III. | $21^h43^m$ | 102°11' |
| 78 10-15 | $21^s,06$ M | 18",3 M |

### 30996 P. — 42523 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $21^h42^m$ | 117°59' |
| 55 9-19 | $30^s,28$ G | 2",5 G |
| III. | $21^h43^m$ | 117°54' |
| 79 10-12 | $22^s,31$ G | 51",1 G |

### 30997 P. — 42549-50 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | $21^h41^m$ | 74°57' |
| 43 9-29 | | 30",5 F |
| II. | $21^h42^m$ | 74°53' |
| 57 9-13 | $39^s,55$ G | 20",0 G |
| 58 9-8 | | 19,9 F |
| 10-8 | | 21,4 G |
| 60 9-3 | 39,42 G | 22,6 G |
| 67 9-4 | 39,72 M | 20,7 M |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (Æ, D)

**30998 P. — 42568 L.**

| A. M. J. | Æ | D |
|---|---|---|
| III. | 21h43m | 51°29' |
| 74 8-20 | 26s,32 M | 51",9 M |
| 9-24¹ | | 51,7 G |
| 9-30 | | 50,9 G |
| 75 8-27 | 26,37 G | 52,3 G |

¹ D diminuée de 5",0 : erreur de moy.

**30999 P. — 29611 Mn$_1$.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | 21h42m | 90°18' |
| 58 9- 9 | | 18",1 F |

**31000 P. — 42538-39 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | 21h42m | 101°59' |
| 54 10-15 | | 36",5 G |
| 59 8-19 | 39s,86 G | 38,8 G |
| III. | 21h43m | 101°55' |
| 78 10- 4 | 28s,42 M | 30",1 M |
| 10-17 | 28,44 M | 28,0 M |

**31001 P. — 15991 Bonn.**

| A. M. J. | Æ | D |
|---|---|---|
| III. | 21h43m | 49°46' |
| 68 10-22¹ | 29s,69 M | |

¹ Indiquée à tort 42577 L (dist. des fils).

**31002 P. — 42551 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | 21h42m | 85°26' |
| 56 8- 5 | 49s,37 G | |
| 10-21 | | 17",6 G |
| 58 11- 4 | | 17,3 G |
| III. | 21h43m | 85°22' |
| 71 9-13 | 34s,82 M | 8",4 M |

**31003 P. — 42579 L.**

| A. M. J. | Æ | D |
|---|---|---|
| III. | 21h43m | 43°45' |
| 72 9-26 | 35s,10 M | 17",3 M |
| 74 10- 3 | 34,94 M | 17,8 M |
| 75 9- 1 | 34,82 M | 17,6 M |
| 9-14 | 34,98 M | 16,5 M |

**31004 P. — 1013 W$_1$.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | 21h42m | 79°56' |
| 57 10- 7 | 50s,94 G | 18",2 G |

**31005 P. — 42559 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | 21h42m | 70°11' |
| 56 10- 4 | 54s,22 G | 15",5 G |
| 57 7-29¹ | 54,48 G | |
| 58 10- 1 | 54,27 G | 16,7 G |

¹ Æ augm. de 1h et en outre de 0s,10 pour le changement de C'$_p$.

**31006 P. — 42577 L.**

| A. M. J. | Æ | D |
|---|---|---|
| III. | 21h43m | 48°46' |
| 74 9-18 | 41s,35 G | 42",7 G |
| 79 9-18 | 41,59 G | 43,5 G |

**31007 P. — 1014 W$_1$.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | 21h42m | 88°52' |
| 65 9-25 | 56s,26 M | 44",9 M |
| 9-29 | 56,15 M | 46,0 M |

**31008 P. — 12 Céphée.**

| A. M. J. | Æ | D |
|---|---|---|
| I. | 21h42m | 30°1' |
| 47 9-29 | | 30",9 G |
| 10- 9 | | 31,2 G |
| 48 8-28 | | 30,5 G |
| 10-13¹ | 50s,96 G | |
| 10-26 | 50,99 G | |
| 11-22 | | 31,4 G |
| 11-25 | | 31,1 G |
| 49 8- 6 | 51,01 G | |
| 9-28 | 50,89 G | |
| 52 12-17 | 51,01 G | |

¹ Æ diminuée de 1m.

**31009 P. — 42561 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | 21h43m | 75°2' |
| 57 10-20 | | 33",0 G |
| III. | 21h43m | 74°58' |
| 71 9-12 | 45s,15 G | |
| 74 10- 7 | 45,03 M | 22",8 M |
| 75 9- 4 | 44,86 M | 23,4 M |
| 9- 6 | 45,05 M | 22,9 M |

**31010 P. — 42595 L.**

| A. M. J. | Æ | D |
|---|---|---|
| III. | 21h43m | 37°29' |
| 81 10- 5 | 48s,19 G | |

**31011 P. — 42553 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | 21h43m | 91°15' |
| 55 8-22 | 3s,18 G | |
| 56 8- 3 | | 20",3 G |
| 59 10- 5 | | 22,7 G |
| III. | 21h43m | 91°11' |
| 69 8-24 | 49s,07 M | 15",7 M |
| 76 10- 7 | 49,10 G | 14,2 G |
| 10-14 | 49,36 G | 15,0 G |
| 78 9- 2 | 49,31 J | 12,6 J |
| 9-24 | 49,39 G | 16,1 G |

**31012 P. — 42544 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | 21h43m | 111°11' |
| 55 8- 5 | 1s,24 G | |
| 58 10-30 | 1,31 G | 31",6 G |
| III. | 21h43m | 111°7' |
| 79 9- 3 | 51s,65 J | 24",0 J |

**31013 P. — 42565-66 L.**

| A. M. J. | Æ | D |
|---|---|---|
| I. | 21h42m | 79°54' |
| 40 8-20 | | 52",9 F |
| II. | 21h43m | 79°50' |
| 56 8-26 | | 41",0 G |
| 57 7-10 | 13s,14 G | |
| III. | 21h43m | 79°46' |
| 71 9-18¹ | 57s,35 M | 32",3 M |

¹ Æ augm. de 0s,40 : erreur de moyenne.

**31014 P. — 42547-48 L.**

| A. M. J. | Æ | D |
|---|---|---|
| I. | 21h42m | 110°54' |
| 41 10-15 | 17s,06 G | |
| 10-18 | 17,28 G | |
| 10-19 | 17,03 G | |
| 10-20 | 16,97 G | |
| II. | 21h43m | 110°50' |
| 55 9- 7 | 7s,45 G | |
| 60 9-20¹ | 7,40 G | 28",2 G |
| 61 9-26 | 7,49 G | 27,8 G |
| 10-14 | 7,33 G | 27,9 G |
| 10-18 | 7,69 G | 27,6 G |

¹ D augmentée de 1' : erreur de réduct.

**31015 P. — 42572 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | 21h43m | 66°33' |
| 58 11-10 | | 41",8 G |
| 59 9-24 | 17s,57 G | 42,7 G |

**31015 P. (suite).**

| A. M. J. | Æ | D |
|---|---|---|
| III. | 21h43m | 66°29' |
| 71 10-14 | 58s,84 G | |

**31016 P. — 12933 Cambridge.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | 21h43m | 61°39' |
| 59 8-21 | 21s,75 G | |

**31017 P. — 42587 L.**

| A. M. J. | Æ | D |
|---|---|---|
| III. | 21h44m | 52°14' |
| 80 9- 8 | 5s,09 J | 2",1 J |
| 9- 9 | 5,20 J | 1,6 J |
| 81 8-10 | | 2,0 J |

**31018 P. — 42590 L.**

| A. M. J. | Æ | D |
|---|---|---|
| III. | 21h44m | 49°21' |
| 81 10- 4 | 5s,22 G | 42",2 G |

**31019 P. — 42585 L.**

| A. M. J. | Æ | D |
|---|---|---|
| III. | 21h44m | 48°13' |
| 80 8-23 | 5s,16 G | 23",3 G |
| 8-31 | 5,04 G | 23,8 G |
| 9-24 | 5,41 G | 22,6 G |
| 9-29 | 5,36 G | 23,2 G |
| 81 8-22 | 5,37 G | 22,6 G |
| 9-16 | 5,07 G | 22,5 G |
| 9-30 | 5,40 G | 23,6 G |

**31020 P. — 1055 W$_2$.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | 21h43m | 60°32' |
| 59 7-28 | 25s,91 G | |

**31021 P. — 42558 L.**

| A. M. J. | Æ | D |
|---|---|---|
| II. | 21h43m | 98°50' |
| 55 9-20¹ | 18s,16 G | 50",5 G |
| III. | 21h44m | 98°46' |
| 69 8-27 | 6s,06 M | 37",8 M |
| 76 10- 6 | 6,13 M | 39,6 M |

¹ D augmentée de 10" : erreur de moy.

**31022 P. — 42599 L.**

| A. M. J. | Æ | D |
|---|---|---|
| III. | 21h44m | 43°40' |
| 72 9-25 | 7s,87 M | 40",5 M |
| 74 9-17 | 7,89 M | 41,1 M |
| 76 8-25 | 7,85 M | 40,9 M |

| Dates 1800 + A. | M. J. | Positions moyennes pour les époques du Catal. Æ. | 𝒫. |
|---|---|---|---|

**31023 P. — 42567 L.**

| A. | M. J. | Æ. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 21h 43m | 89° 53′ |
| 57 | 8- 2 | 22s,81 G | |
| | 8- 7 | 22,84 G | 51″,5 G |
| | 8-21 | 22,70 G | |
| | 9-15 | | 53,5 G |
| 58 | 9-11 | | 52,3 F |
| 61 | 8-30 | | 51,8 G |
| | 9-30 | 22,80 G | 51,7 G |
| | 10- 3 | 22,87 G | 52,6 G |

**31024 P. — 42586 L.**

| A. | M. J. | Æ. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 21h 43m | 57° 20′ |
| 67 | 9- 4 | 31s,98 G | 20″,2 G |
| | | III. | |
| | | 21h 44m | 57° 16′ |
| 74 | 8-19 | 10s,83 M | 11″,4 M |

**31025 P. — 42575 L.**

| A. | M. J. | Æ. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 21h 43m | 74° 53′ |
| 57 | 10-20 | 28s,42 G | |
| 58 | 8-16 | | 55″,9 G |
| | 9-27 | | 55,3 G |
| | | III. | |
| | | 21h 44m | 74° 49′ |
| 79 | 10- 3 | 11s,11 M | 48″,8 M |

**31026 P. — 42576 L.**

| A. | M. J. | Æ. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 21h 42m | 73° 25′ |
| 39 | 8-21 | 46s,24 G | |
| | 8-23 | 46,14 G | 54″,8 F |
| | 9-10 | | 55,4 F |
| | 9-18 | 46,15 G | |
| 46 | 7-31 | 46,26 G | |
| | 8- 8 | 46,25 G | |
| | 8-14 | | 56,5 G |
| | 8-22[1] | | 56,3 G |
| | 8-23 | 46,00 G | 56,4 G |
| | 8-25 | 46,20 G | 56,7 G |
| | 9-13 | 46,40 G | |
| | 9-14 | 46,22 G | |
| | 9-16 | 46,17 G | |
| | 9-18 | 46,35 G | |
| | 9-25 | 46,17 G | 56,3 G |
| | 10-18 | 46,42 G | 58,7 F |
| | 10-19 | 46,18 G | |
| | 10-20 | | 58,4 F |
| | 10-22 | | 57,6 G |
| | 11- 2 | 46,33 G | 55,9 G |
| | 11- 3 | | 56,7 G |
| | 11- 4 | | 55,4 G |
| | 11-11 | | 56,6 G |
| 47 | 7-29 | 46,27 G | |
| | 8- 2 | 46,27 G | |
| | 8-12 | 46,25 G | |
| | 9-22[2] | | 56,3 G |
| | 9-29 | | 56,7 F |
| | 10-13 | | 57,0 G |
| | 10-18 | | 56,7 G |
| 48 | 9- 2 | | 58,9 G |
| | 9-18 | 46,29 G | |

**31026 P. (suite).**

| A. | M. J. | Æ. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 21h 42m | 73° 25′ |
| 48 | 9-19 | 46s,36 G | |
| | 9-20 | 46,27 G | |
| | 9-21 | 46,29 G | |
| | 9-22 | | 57″,0 G |
| 52 | 11- 3 | 46,20 G | |
| 53 | 7-21 | 46,31 G | |
| | 7-23 | 46,38 G | 56,7 G |
| | 10- 8 | 46,43 G | |
| | | II. | |
| | | 21h 43m | 73° 21′ |
| 54 | 8-20 | 29s,00 G | |
| 56 | 8-13 | 28,92 G | 48″,7 G |
| | 9-16 | 28,76 G | 47,9 G |
| 58 | 8-17 | | 49,6 G |

[1] 𝒫 diminuée de 20″ : erreur de réduct.
[2] 𝒫 diminuée de 10″ : erreur de moy.

**31027 P. — 42562 L.**

| A. | M. J. | Æ. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 21h 43m | 101° 17′ |
| 54 | 9-21 | 25s,70 G | 47″,0 G |
| | | III. | |
| | | 21h 44m | 101° 13′ |
| 78 | 9-20 | 14s,21 M | 36″,8 G |
| | 9-30 | 14,27 M | 37,3 G |

**31028 P. — 42581 L.**

| A. | M. J. | Æ. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 21h 43m | 71° 13′ |
| 56 | 8-30 | | 40″,7 G |
| | 9-14 | 32s,93 G | 39,9 G |
| 58 | 8- 3 | 32,89 G | 40,4 G |
| | 8-17[1] | 33,14 G | |
| | 9-30 | 32,99 G | 41,0 G |

[1] Indiquée à tort comme 42576 L. (dist. des fils).

**31029 P. — 42555-56 L.**

| A. | M. J. | Æ. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 21h 43m | 113° 55′ |
| 59 | 10-22 | | 11″,9 G |
| 60 | 10- 3 | 26s,21 G | |
| 61 | 9-25 | 26,16 G | |
| | | III. | |
| | | 21h 44m | 113° 51′ |
| 79 | 9- 8 | 17s,61 J | 5″,8 J |

**31030 P. — 42589 L.**

| A. | M. J. | Æ. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 21h 42m | 60° 32′ |
| 37 | 8- 8 | 59s,42 G | 43″,6 F |
| | 8-25 | 59,43 G | |
| | 8-29 | 59,49 G | |

**31030 P. (suite).**

| A. | M. J. | Æ. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 21h 42m | 60° 32′ |
| 37 | 9- 9 | 59s,43 G | |
| | 10- 4 | 59,39 G | |
| 40 | 9-21 | 59,69 G | |
| | 10- 6 | | 45″,4 F |
| 41 | 8- 7 | 59,27 G | |
| | 8-19 | | 42,5 F |
| | 9- 9 | 59,25 G | |
| 42 | 10- 5 | 59,45 G | |
| | 10- 6 | 59,52 G | |
| | 10- 7 | 59,62 G | |
| | 10- 8 | 59,58 G | |
| | 10-11 | 59,44 G | |
| 43 | 8- 8 | 59,52 G | 43,0 G |
| | 8-11 | | 42,8 F |
| | 8-12 | | 42,4 F |
| | 10-11 | 59,49 G | |
| | 10-14 | 59,47 G | |
| | 10-18 | 59,41 G | 43,5 G |
| 45 | 8-31 | 59,31 G | |
| | 9- 1 | 59,31 G | |
| 46 | 7-23 | 59,55 G | |
| | 8-30 | | 42,8 G |
| | 10-20 | | 42,2 G |
| | 10-21 | | 42,6 G |
| 49 | 8-15 | 59,64 G | |
| | 8-19 | | 42,3 G |
| | 8-21 | | 42,2 G |
| | 9- 7 | 59,58 G | |
| 52 | 12-11 | 59,53 G | |
| | | II. | |
| | | 21h 43m | 60° 28′ |
| 57 | 9-30 | | 34″,6 G |
| | 10-26 | | 34,1 G |
| 59 | 7-28 | 39s,18 G | |
| 63 | 7-31 | 39,08 G | |
| | 8- 1 | 39,19 G | |
| | 8-25 | 39,03 G | |
| | 9-11 | 39,25 G | |
| | 9-15 | 39,14 G | |
| | 9-18 | 39,15 G | |
| | 9-19 | 39,15 G | |
| 64 | 8- 3 | 39,01 G | |
| | 8-27 | 39,07 G | |
| | 8-28 | 38,98 G | |
| | 8-29 | 39,11 G | |
| | 9- 5 | 39,23 G | |
| | 9- 9 | 39,20 G | |
| | 9-12 | 39,16 G | |
| | 9-26 | 39,24 G | |
| | 9-29 | 39,10 G | |
| | 9-30 | 39,20 G | |
| | 10- 1 | 39,24 G | |
| | 10-17 | 39,28 G | |
| | 10-20 | | 34,2 G |
| 65 | 8-26 | | 35,0 G |
| | 8-30 | | 33,6 G |
| | 9- 1 | 39,26 G | |
| | 9- 2 | 39,23 G | |
| | 9- 6 | 39,24 G | |
| | 9- 7 | 39,23 G | |
| | 9- 8 | 39,18 G | |
| | 9-13 | 39,14 G | |
| | 9-15 | | 33,8 G |
| | 9-16 | | 34,5 G |
| | 10- 6 | 39,22 G | |
| | 10- 7 | 39,18 G | |
| | | III. | |
| | | 21h 44m | 60° 24′ |
| 71 | 9-17 | 18s,98 G | 24″,5 G |
| 72 | 8-31 | 18,88 G | |
| | 9- 1 | 18,80 G | |

**31031 P. — 42554 L.**

| A. | M. J. | Æ. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 21h 43m | 118° 3′ |
| 55 | 9-25 | 27s,32 G | 4″,6 G |
| 61 | 10-26 | 27,39 G | 5,9 G |

**31032 P. — 1057 W₂.**

| A. | M. J. | Æ. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 21h 43m | 71° 12′ |
| 58 | 8- 3 | 37s,64 G | |
| | 8-17 | 37,78 G | |
| | 9-30 | 37,67 G | |

**31033 P. — 42578 et 80 L.**

| A. | M. J. | Æ. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 21h 43m | 79° 43′ |
| 58 | 8-24 | 38s,54 G | 0″,7 G |
| | 10-12 | 38,73 G | |
| 62 | 9- 8 | 38,87 G | 0,1 G |
| | | III. | |
| | | 21h 44m | 79° 38′ |
| 79 | 9-10 | 22s,68 G | |
| | 9-19 | 22,68 G | 52″,4 G |
| | 9-30 | 22,63 G | 49,7 G |
| 80 | 8-23 | 22,70 M | 52,3 M |
| | 9- 5 | 22,78 M | 53,4 M |

**31034 P. — 42569 L.**

| A. | M. J. | Æ. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 21h 43m | 100° 41′ |
| 54 | 9-19 | 36s,01 G | |
| 55 | 9- 9 | | 26″,9 G |
| 67 | 9-16 | 36,23 M | 27,7 M |

**31035 P. — 42570-71 L.**

| A. | M. J. | Æ. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 21h 42m | 98° 37′ |
| 40 | 10-10 | 49s,57 G | |
| | 10-12 | 49,67 G | |
| | 10-13 | 49,55 G | |
| | | II. | |
| | | 21h 43m | 98° 33′ |
| 55 | 9- 9 | 37s,44 G | |
| 57 | 8-10 | | 38″,1 G |
| | 9-18 | | 40,5 G |
| | 10-24 | | 38,7 G |
| | | III. | |
| | | 21h 44m | 98° 29′ |
| 68 | 10- 8 | 25s,36 M | 29″,5 M |
| 74 | 10-12 | 25,43 G | 29,9 G |

**31036 P. — 16007 Bonn.**

| A. | M. J. | Æ. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 21h 43m | 41° 29′ |
| 45 | 8- 4 | 18s,71 G | |

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|

**31037 P. — 42603 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 21h41m | 49°29′ |
| 81 8-23 | 26s,22 G | 1",0 G |
| 9-19 | 26,37 G | |

**31038 P. — 8911 Berlin A.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 21h43m | 74°50′ |
| 57 10-20 | 44s,12 G | |

**31039 P. — 42597 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 21h43m | 55°44′ |
| 66 9-10 | 49s,30 G | |
| 67 8-31 | | 3",5 G |
| III. | 21h44m | 55°39′ |
| 80 9-27 | 27s,67 J | 55",4 J |
| 9-29 | 27,68 J | 55,1 J |
| 81 10- 3 | 27,88 J | 56,0 J |
| 10-10 | 27,71 J | 56,3 J |

**31040 P. — 42594 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 21h43m | 65°3′ |
| 58 8-30 | 50s,31 G | 21",2 G |
| 11-11 | | 20,3 G |
| 60 10- 4 | 50,34 G | |
| 10-25 | 50,37 G | 20,3 G |
| 10-26 | | 20,7 G |
| 11- 3 | 50,59 G | |

**31041 P. — 42582 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 21h43m | 84°56′ |
| 40 8-28 | 1s,52 G | |
| 8-31 | 1,58 G | 53",3 F |
| II. | 21h43m | 84°52′ |
| 56 10- 5 | 46s,67 G | 44",6 G |
| 57 9-19 | 46,55 G | |
| III. | 21h44m | 84°48′ |
| 74 8-20 | 31s,63 G | 34",7 G |
| 75 10-12 | 31,65 M | 34,5 M |

**31042 P. — 42607 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 21h43m | 49°30′ |
| 59 10- 3 | 58s,45 G | |
| 62 9-12 | 58,52 G | 9",7 G |
| 67 10- 8 | 58,74 M | 6,2 M |

**31043 P. — 42583 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 21h43m | 88°19′ |
| 40 9-29 | 3s,97 G | |
| II. | 21h43m | 88°15′ |
| 56 9- 4 | | 34",6 G |
| 9- 5 | 49s,52 G | 35,1 G |
| III. | 21h44m | 88°11′ |
| 71 9- 4 | 35s,38 M | 25",4 M |

**31044 P. — 42601 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 21h43m | 58°48′ |
| 59 11-23 | | 16",3 G |
| 61 10- 5[1] | 57s,66 G | 14,5 G |
| 10- 9 | 57,56 G | 14,7 G |
| 62 9-25 | 57,73 G | 16,3 G |

[1] 𝒜 diminuée de 0s,30. (*Voir* 30809 P.)

**31045 P. — 42584 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 21h43m | 89°53′ |
| 55 11-28 | 50s,91 G | |
| 61 8-30 | 50,84 G | 31",5 G |
| 9-30 | | 32,2 G |

**31046 P. — 42620 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 21h44m | 37°10′ |
| 81 10- 1 | | 34",5 G |

**31047 P. — 42609 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 21h44m | 52°49′ |
| 80 10- 1 | 43s,74 J | 42",0 J |
| 10- 9 | 43,69 J | 44,0 J |

**31048 P. — 42598 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 21h44m | 68°42′ |
| 58 8- 6 | 2s,33 G | |
| 8- 8 | 2,53 G | 30",8 G |
| III. | 21h44m | 68°38′ |
| 79 10- 3 | 44s,13 J | |
| 10- 4 | 44,15 J | 22",2 J |
| 10- 6 | 44,21 J | 22,4 J |

**31049 P. — 42606 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 21h44m | 55°45′ |
| 80 9-24 | 44s,38 J | 30",8 J |
| 9-30 | 44,17 J | 30,5 J |

**31050 P. — 42574 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 21h43m | 109°16′ |
| 54 8-24 | 54s,83 G | |
| 8-25 | 54,88 G | |
| 57 8-29 | | 23",7 G |
| 9- 9 | | 27,2 G |

**31051 P. — 3590 Gr.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 21h44m | 20°33′ |
| 52 11-18 | | 61",9 G |
| 11-18 | | 62,0 F |
| 11-19 | | 64,1 G |
| 11-19 | | 62,3 F |
| 11-20 | | 61,7 G |
| 11-20 | | 61,7 F |
| 11-25 | | 61,9 G |
| 11-25 | | 60,9 F |
| 11-27 | | 61,9 G |
| 11-27 | | 61,4 F |
| 11-27 I | | 61,1 G |
| 11-27 I | | 59,5 F |
| 12- 8 I | | 59,9 F |
| 12-10 I | | 61,8 G |
| 12-10 I | | 59,9 F |
| 12-11 I | | 61,0 G |
| 12-11 I | | 60,3 F |
| 12-13 I | | 62,7 F |

**31052 P. — 42591 à 93 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 21h43m | 92°57′ |
| 47 10-18 | 25s,50 G | |
| II. | 21h44m | 92°53′ |
| 56 7-26 | 12s,19 G | 43",1 G |
| 57 10-12[1] | 12,17 G | 42,9 G |
| III. | 21h44m | 92°49′ |
| 76 9-20 | 58s,77 G | 33",4 G |
| 78 9-26 | 58,73 G | 35,5 G |
| 9-27 | 58,82 G | 33,8 G |

[1] 𝒜 augmentée de 1s : err. de réduct.

**31053 P. — 29676 Mn1.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 21h43m | 80°21′ |
| 40 9-16 | 31s,38 G | |
| 44 9-27 | 31,17 G | |

**31054 P. — 42611 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 21h44m | 61°53′ |
| 58 8-28 | 21s,55 G | |
| 59 8-22 | | 6",2 G |
| 10-22 | 21,65 G | |

**31054 P. (suite).**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 21h45m | 61°48′ |
| 79 10- 3[1] | 1s,94 G | 56",7 G |

[1] 𝒟 diminuée de 2",6 : erreur de réduct.

**31055 P. — 42614 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 21h45m | 57°55′ |
| 80 10-12 | 4s,99 J | 26",5 J |
| 10-18 | 4,95 J | 27,9 J |

**31056 P. — 1045 W1.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 21h43m | 82°22′ |
| 44 10-11 | 36s,92 G | |
| 10-15 | 36,86 G | |

**31057 P. — 42629 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 21h45m | 47°43′ |
| 80 9- 8 | 9s,85 G | 18",3 G |
| 81 9-28 | 9,50 G | 20,0 G |

**31058 P. — 42600 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 21h44m | 89°52′ |
| 55 8-23 | 24s,44 G | |
| 8-27 | | 55",0 G |
| 57 10-16 | 24,65 G | |
| 58 10- 2 | 24,45 G | |
| 61 9-30 | 24,08 G | 58,0 G |
| 10- 3 | 24,29 G | 57,9 G |

**31059 P. — 42604-05 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 21h43m | 79°49′ |
| 40 8-20 | | 10",1 F |
| II. | 21h44m | 79°45′ |
| 56 9- 6 | | 2",3 G |
| 10-13 | | 2,1 G |
| 10-25 | 26s,71 G | |
| 57 7-27 | 26,83 G | |
| 9-21 | 26,71 G | |
| 10- 6 | | 2,0 G |
| 58 8-11 | 26,82 G | |
| 10- 4 | | 2,7 G |
| 11- 3 | 26,93 G | |
| 60 8-16 | 27,00 G | 1,7 F |
| 8-17 | | 1,2 F |
| III. | 21h45m | 79°40′ |
| 71 9- 3 | 10s,77 G | 51",0 G |
| 9- 9 | 11,15 G | |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜R. 𝒫.)

**31060 P. — 42602 L.**

| A. M. J. | 𝒜R. | 𝒫. |
|---|---|---|
| II. | $21^h44^m$ | 89°48′ |
| 57 10-16 | $26^s,94$ G | 5″,6 G |
| 58 10- 2 | | 6,4 G |

**31061 P. — 42632 et 35 L.**

| A. M. J. | 𝒜R. | 𝒫. |
|---|---|---|
| III. | $21^h45^m$ | 46°41′ |
| 80 9-27 | $13^s,79$ G | 36″,1 G |
| 10- 1 | 14,20 G | 36,6 G |

**31062 P. — 42625 L.**

| A. M. J. | 𝒜R. | 𝒫. |
|---|---|---|
| III. | $21^h45^m$ | 52°59′ |
| 81 9-15 | | 32″,3 J |
| 9-16 | $15^s,57$ J | 33,4 J |

**31063 P. — 6110 Sf. — 21°.**

| A. M. J. | 𝒜R. | 𝒫. |
|---|---|---|
| II. | $21^h44^m$ | 111°40′ |
| 55 8-11 | $26^s,44$ G | |

**31064 P. — 42588 L.**

| A. M. J. | 𝒜R. | 𝒫. |
|---|---|---|
| II. | $21^h44^m$ | 117°58′ |
| 57 9-27 | $25^s,32$ G | |
| 58 8- 5 | | 9″,8 G |
| 8-15 | | 11,6 G |
| III. | $21^h45^m$ | 117°54′ |
| 79 10- 7 | $17^s,39$ J | 2″,6 J |

**31065 P. — 1048 W₁.**

| A. M. J. | 𝒜R. | 𝒫. |
|---|---|---|
| II. | $21^h44^m$ | 81°36′ |
| 56 8-31 | $34^s,07$ G | 13″,6 G |

**31066 P. — 42637 L.**

| A. M. J. | 𝒜R. | 𝒫. |
|---|---|---|
| III. | $21^h45^m$ | 49°31′ |
| 80 9-20 | $20^s,82$ G | 13″,5 G |
| 9-30 | | 14,3 G |

**31067 P. — 42626 L.**

| A. M. J. | 𝒜R. | 𝒫. |
|---|---|---|
| III. | $21^h45^m$ | 57°54′ |
| 74 8-21 | $25^s,08$ M | 44″,2 M |
| 9-18 | 25,06 M | 44,0 M |
| 76 8-24 | 24,98 M | 42,3 M |

**31068 P. — 42630 L.**

| A. M. J. | 𝒜R. | 𝒫. |
|---|---|---|
| III. | $21^h45^m$ | 57°55′ |
| 74 9-14 | $27^s,94$ M | 32″,6 M |
| 75 9-15 | 28,04 M | 32,0 M |

**31069 P. — 42613 L.**

| A. M. J. | 𝒜R. | 𝒫. |
|---|---|---|
| II. | $21^h44^m$ | 81°36′ |
| 56 8-29 | | 42″,0 G |
| 8-31 [1] | $47^s,56$ G | |
| 9- 1 | 47,68 G | |
| 59 8-24 | 47,72 G | |

[1] 𝒜R augm. de $1^s,11$ : suppression d'un fil erroné de plus de $5^s$.

**31070 P. — 42617 L.**

| A. M. J. | 𝒜R. | 𝒫. |
|---|---|---|
| II. | $21^h44^m$ | 78°37′ |
| 57 8-13 | $53^s,13$ G | |
| 58 8-16 | | 6″,6 G |
| 10- 5 | 53,04 G | 6,4 G |
| III. | $21^h45^m$ | 78°32′ |
| 79 9- 1 | $37^s,06$ J | 57″,5 J |

**31071 P. — 2865 Br.**

| A. M. J. | 𝒜R. | 𝒫. |
|---|---|---|
| I. | $21^h44^m$ | 29°26′ |
| 46 10-23 | | 54″,2 G |
| 47 10- 3 | | 52,7 G |
| 10- 8 | | 52,9 G |
| 48 8- 5 | $46^s,76$ G | |
| 8-29 | | 54,3 G |
| 9-29 | 47,00 G | |
| 10- 3 | | 53,9 G |
| 49 9-26 | | 53,7 G |
| 50 8-31 | | 54,8 G |
| 8-31 | | 55,2 F |
| 9- 7 | 46,78 G | |

**31072 P. — 42627-28 L.**

| A. M. J. | 𝒜R. | 𝒫. |
|---|---|---|
| II. | $21^h44^m$ | 70°49′ |
| 58 10-16 [1] | $59^s,71$ G | 41″,6 G |
| III. | $21^h45^m$ | 70°45′ |
| 71 9-15 | $42^s,03$ M | 31″,0 M |
| 9-15 [2] | 41,99 G | 32,0 G |

[1] 𝒜R augmentée de $0^s,20$ : erreur de $1^s$ sur un fil.
[2] 𝒫 augmentée de 1′.

**31073 P. — 42652 L.**

| A. M. J. | 𝒜R. | 𝒫. |
|---|---|---|
| III. | $21^h45^m$ | 41°16′ |
| 72 9-20 | $43^s,70$ M | 30″,9 M |
| 74 10-10 | 43,32 G | 30,7 G |
| 75 8-26 | 43,96 G | |

**31074 P. — 42608 L.**

| A. M. J. | 𝒜R. | 𝒫. |
|---|---|---|
| I. | $21^h44^m$ | 110°14′ |
| 41 10-15 | $3^s,13$ G | |
| 10-18 | 3,28 G | |
| 10-19 | 3,20 G | |
| 10-20 | 3,14 G | |
| II. | $21^h44^m$ | 110°10′ |
| 58 10-31 | $53^s,63$ G | 42″,9 G |
| III. | $21^h45^m$ | 110°6′ |
| 79 10- 6 | $43^s,70$ M | 31″,1 M |

**31075 P. — 42619 L.**

| A. M. J. | 𝒜R. | 𝒫. |
|---|---|---|
| I. | $21^h44^m$ | 79°38′ |
| 43 9-23 [1] | $16^s,04$ G | |
| II. | $21^h45^m$ | 79°33′ |
| 57 9-20 | $0^s,25$ G | 51″,7 G |
| 10- 6 | 0,01 G | |
| 10-27 | 0,02 G | 51,2 G |

[1] Erreur de 3′ dans la déclinaison approchée inscrite. Le Cahier porte ★ $h = 51°35′$.

**31076 P. — 1055 W₁.**

| A. M. J. | 𝒜R. | 𝒫. |
|---|---|---|
| II. | $21^h44^m$ | 88°44′ |
| 65 9-23 | $59^s,79$ M | 27″,3 M |

**31077 P. — 42623 L.**

| A. M. J. | 𝒜R. | 𝒫. |
|---|---|---|
| II. | $21^h45^m$ | 81°34′ |
| 56 9- 1 | $2^s,00$ G | |
| 9-27 | | 26″,6 G |
| 10-18 | | 27,8 G |
| 58 11- 4 | | 27,4 G |
| III. | $21^h45^m$ | 81°30′ |
| 71 9-12 | $46^s,39$ M | 18″,0 M |

**31078 P. — 42631 L.**

| A. M. J. | 𝒜R. | 𝒫. |
|---|---|---|
| II. | $21^h45^m$ | 71°20′ |
| 56 9-20 | | 50″,6 G |
| 57 10-13 | $5^s,06$ G | 49,7 G |
| 58 8- 3 | 5,10 G | 49,8 G |

**31079 P. — 8919 Berlin A.**

| A. M. J. | 𝒜R. | 𝒫. |
|---|---|---|
| II. | $21^h45^m$ | 70°42′ |
| 57 8-26 | $5^s,72$ G | |

**31080 P. — 1057 W₁.**

| A. M. J. | 𝒜R. | 𝒫. |
|---|---|---|
| II. | $21^h45^m$ | 89°14′ |
| 57 8- 7 | $3^s,64$ G | 45″,2 G |
| 65 9-26 | 3,67 M | 45,7 M |
| 9-27 | 3,42 M | 45,6 M |
| 9-28 | 3,58 M | 44,4 M |

**31081 P. — 42612 et 15 L.**

| A. M. J. | 𝒜R. | 𝒫. |
|---|---|---|
| I. | $21^h44^m$ | 100°8′ |
| 40 10-10 | $13^s,85$ G | |
| 10-12 | 13,80 G | |
| 10-13 | 13,80 G | |
| II. | $21^h45^m$ | 100°4′ |
| 54 8-27 | $1^s,84$ G | 17″,9 G |
| 8-31 | 1,91 G | 19,5 G |
| 9-26 | 1,83 G | |
| 58 10-29 | | 20,2 F |
| 59 10-17 | 1,89 G | |
| III. | $21^h45^m$ | 100°0′ |
| 79 8-25 | $49^s,98$ J | 9″,3 J |
| 8-26 | 49,91 J | 8,0 J |

**31082 P. — 42616* et 18 L.**

| A. M. J. | 𝒜R. | 𝒫. |
|---|---|---|
| I. | $21^h44^m$ | 93°54′ |
| 40 10-30 | $17^s,80$ G | |
| II. | $21^h45^m$ | 93°49′ |
| 55 9- 8 [1] | | 45″,0 G |
| 9-16 | $4^s,56$ G | |
| 56 8-24 | 4,59 G | |
| 10- 8 | | 45,1 G |
| III. | $21^h45^m$ | 93°45′ |
| 68 10- 9 | $51^s,61$ M | 35″,0 M |
| 77 10-12 | | 36,0 M |

[1] 𝒫 diminuée de 2′.

**31083 P. — 29715 Mn₁.**

| A. M. J. | 𝒜R. | 𝒫. |
|---|---|---|
| I. | $21^h44^m$ | 83°12′ |
| 40 8-28 | $28^s,25$ G | |

**31084 P. — 42659 L.**

| A. M. J. | 𝒜R. | 𝒫. |
|---|---|---|
| I. | $21^h44^m$ | 41°17′ |
| 43 9-29 [1] | $53^s,67$ G | |
| III. | $21^h45^m$ | 41°8′ |
| 81 10-31 | $59^s,61$ G | 45″,4 G |

[1] 𝒜R augmentée de $1^m$ : erreur de transcr.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|

### 31085 P. — 1063 W$_1$.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | $21^h44^m$ | 96°5′ |
| 46 9-22 | | 22″,8 G |

### 31086 P. — 42638 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | $21^h44^m$ | 94°43′ |
| 39 9-10 | | 5″,6 F |
| 9-11 | | 3,8 F |
| II. | $21^h45^m$ | 94°38′ |
| 55 9-16 | | 54″,2 G |
| 56 10-27 | $26^s$,74 G | |
| 11- 6 | 26,71 G | 54,6 G |
| 57 8-11 | 26,72 G | |
| 11-11 | 26,80 G | |
| III. | $21^h46^m$ | 94°34′ |
| 76 9-15 | | 43″,3 G |
| 10- 7 | $13^s$,71 G | 44,4 G |

### 31087 P. — 42655 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | $21^h46^m$ | 58°40′ |
| 80 9- 5 | $16^s$,05 J | 21″,6 J |
| 81 9- 4 | 16,20 J | 21,8 J |

### 31088 P. — 1106 W$_1$.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | $21^h44^m$ | 69°5′ |
| 46 7-23 | $57^s$,32 G | |

### 31089 P. — 42633-34 et 36 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $21^h45^m$ | 101°13′ |
| 54 8-29 | $30^s$,76 G | 2″,9 G |
| 9- 2 | 30,89 G | |
| 9-25 | | 0,7 G |
| 9-29 | 30,66 G | |
| 56 9-30 | 30,77 G | |
| 57 9- 6 | | 1,5 G |
| 58 9-11 | | 1,5 G |

### 31090 P. — 8433 Berlin B.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $21^h45^m$ | 65°8′ |
| 60 10-25 | $41^s$,13 G | 3″,7 G |

### 31091 P. — 42622 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $21^h45^m$ | 119°19′ |
| 58 10-29 | $34^s$,01 G | |
| 10-30 | 34,16 G | 7″,5 G |
| 59 10-22 | | 10,6 G |

### 31092 P. — 42654 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $21^h45^m$ | 69°22′ |
| 58 8- 7 | $46^s$,50 G | 59″,5 G |
| 59 11-13 | | 60,2 G |
| III. | $21^h46^m$ | 69°18′ |
| 71 10- 5 | $28^s$,32 G | |

### 31093 P. — 42639 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | $21^h44^m$ | 104°16′ |
| 37 9-28 | $50^s$,14 G | |
| 9-29 | 50,20 G | |
| 10- 1 | 50,23 G | |
| 10-12 | 50,04 G | |
| 10-25 | 50,19 G | |
| 38 9- 3 | 50,31 G | |
| 11-30 | 50,19 G | |
| 12-14 | 50,17 G | 42″,6 F |
| 40 8-28 | | 44,9 F |
| 10-31 | 50,26 G | |
| 11- 3 | 50,23 G | |
| 11- 6 | 50,13 G | |
| 41 8-30 | 50,29 G | |
| 42 10- 5 | 50,27 G | |
| 10- 6 | 50,26 G | |
| 10- 7 | 50,32 G | |
| 10- 8 | 50,32 G | |
| 10-11 | 50,14 G | |
| 43 7-30 [1] | 50,47 G | |
| 46 8-10 | 50,33 G | |
| 9-10 | 50,39 G | |
| 9-11 | 50,24 G | |
| 9-24 | 50,34 G | |
| 10- 3 | 50,57 G | 43,3 G |
| 10-20 | 50,32 G | |
| 10-22 | 50,25 G | |
| 10-23 | 50,41 G | |
| 12- 3 | 50,32 G | |
| 47 7-29 [2] | 50,35 G | |
| 8-16 | 50,46 G | |
| 9-22 | 50,19 G | |
| 12- 1 | | 42,5 G |
| 48 7-22 | 50,48 G | |
| 10- 7 | 50,25 G | |
| 49 8-25 | 50,40 G | |
| 8-26 | 50,31 G | |
| 50 9- 7 | | 42,3 G |
| 9-17 | 50,54 G | 41,6 G |
| 9-18 | 50,46 G | 43,0 G |
| 51 7-14 | 50,53 G | |
| 8-11 | 50,77 G | 42,7 G |
| 8-12 | | 40,9 G |
| 9- 7 | 50,53 G | |
| 9- 8 | 50,35 G | |
| 52 7-31 [3] | 50,54 G | 41,4 F |
| 8- 1 | 50,62 G | 40,6 F |
| 8- 6 | | 41,8 F |
| 8-10 | | 41,7 F |
| 8-11 | | 41,4 F |
| 8-13 [4] | | 41,2 F |
| 8-15 | | 42,6 F |
| 8-16 | | 41,9 F |
| 8-27 | 50,63 G | 42,7 F |
| 8-28 | 50,51 G | |
| 9- 3 | 50,44 G | |
| 10-25 [5] | 50,48 G | |
| 11-18 | 50,81 G | |
| 11-19 | 50,46 G | |
| 12-10 | 50,48 G | |
| 53 8-17 | 50,77 G | |

### 31093 P. (suite).

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | $21^h44^m$ | 104°16′ |
| 53 8-18 | $50^s$,47 G | 43″,8 F |
| 9- 3 | | 41,1 F |
| 9- 4 | | 42,7 F |
| 9-11 | | 43,5 F |
| 9-12 | | 42,6 F |
| 9-19 | | 42,8 F |
| 10-12 | 50,53 G | |
| 10-13 | 50,61 G | |
| 10-23 | 50,56 G | |
| II. | $21^h45^m$ | 104°12′ |
| 54 9- 1 | | 32″,3 G |
| 9- 5 | $39^s$,41 G | |
| 9- 7 | 39,42 G | 33,4 G |
| 11-25 | 39,40 G | |
| 58 9-19 | 39,50 G | 31,5 G |
| III. | $21^h46^m$ | 104°8′ |
| 79 8-31 | $28^s$,98 G | 21″,2 G |
| 9-26 | 28,74 G | |

[1] 𝒜 augmentée de $1^m$.
[2] 𝒜 augmentée de $1^m$.
[3] 𝒜 augmentée de $10^s$ : erreur de transc.
[4] 𝒟 augm. de 1′ : erreur de réduction.
[5] 𝒜 diminuée de $1^m$.

### 31094 P. — 42657 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $21^h45^m$ | 62°51′ |
| 58 11-12 | $51^s$,10 G | |
| 61 10-28 | 50,98 G | 18″,1 G |
| III. | $21^h46^m$ | 62°47′ |
| 71 10-15 | $31^s$,45 G | 5″,5 G |

### 31095 P. — 42660 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | $21^h45^m$ | 60°32′ |
| 40 9-21 | $15^s$,12 G | |
| 10- 6 | | 3″,6 F |
| 43 8-11 | | 3,8 F |
| 8-12 | 15,09 G | |
| 10-14 | 14,99 G | |
| 10-17 | | 5,5 G |
| 10-18 | 15,11 G | 4,4 G |
| II. | $21^h45^m$ | 60°27′ |
| 58 11- 1 | $54^s$,85 G | 52″,7 G |
| III. | $21^h46^m$ | 60°23′ |
| 79 9-18 | $34^s$,63 G | 42″,0 G |

### 31096 P. — 42658 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $21^h45^m$ | 66°38′ |
| 58 9-24 | $54^s$,77 G | 32″,9 G |

### 31096 P. (suite).

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | $21^h46^m$ | 66°34′ |
| 80 8-27 | $36^s$,05 M | 23″,5 M |
| 81 10- 1 | 36,08 M | 23,7 M |

### 31097 P. — 42646 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $21^h45^m$ | 87°7′ |
| 55 10- 9 | $52^s$,20 G | |
| 56 10-25 | | 29″,2 G |
| 57 10-24 | | 26,6 G |
| 58 8-27 | | 26,7 G |
| 9-28 | 52,23 G | |

### 31098 P. — 42643-44 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $21^h45^m$ | 100°54′ |
| 54 9- 4 | $52^s$,07 G | 43″,8 G |
| III. | $21^h46^m$ | 105°50′ |
| 79 9- 3 | $40^s$,43 J | 32″,6 J |

### 31099 P. — 22956-57 A. O.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | $21^h45^m$ | 40°50′ |
| 45 8-12 | $37^s$,59 G | |
| 8-13 | 37,54 G | |

### 31100 P. — 42656 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $21^h46^m$ | 77°10′ |
| 56 9-19 | | 0″,9 G |
| 61 9-19 | | 0,4 G |
| 62 8- 5 | $2^s$,97 G | |
| 8-12 | 3,17 G | |
| 9- 9 | 3,08 G | 0,9 G |

### 31101 P. — 42640 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | $21^h46^m$ | 116°21′ |
| 80 9- 1 [1] | $47^s$,96 M | 51″,9 M |
| 10- 1 | 47,89 M | 52,6 M |

[1] 𝒟 diminuée de 8″,3 : erreur de moy.

### 31102 P. — 42641-42 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $21^h45^m$ | 110°40′ |
| 55 9- 8 | $58^s$,49 G | |
| 60 8-25 | 58,41 G | |
| 9-20 [1] | 58,50 G | 11″,6 G |
| 10-24 | 58,39 G | 11,3 G |
| 61 9-25 | 58,55 G | 10,8 G |

[1] 𝒟 augmentée de 1′ : erreur de réduct.

### 31103 P. — 42671 L.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. Æ. | D. |
|---|---|---|
| II. | | |
| | 21h46m | 51°42' |
| 60 11-12 | 11s,59 G | |
| III. | | |
| | 21h46m | 51°37' |
| 79 10-4 | | 54",7 G |
| 10-16 | 49s,06 G | 55,5 G |

### 31104 P. — 42645 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| II. | | |
| | 21h45m | 107°24' |
| 54 9-3 | 59s,71 G | 28",2 G |
| III. | | |
| | 21h46m | 107°20' |
| 78 9-4 | 49s,31 M | 16",8 M |
| 9-28 | 49,14 M | 15,2 M |

### 31105 P. — 8436 Berlin B.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| II. | | |
| | 21h46m | 69°19' |
| 58 8-7 | 8s,12 G | |

### 31106 P. — 42677 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| II. | | |
| | 21h46m | 48°18' |
| 67 10-3 | 15s,88 M | 0",5 M |
| III. | | |
| | 21h46m | 48°13' |
| 80 9-22 | 51s,83 M | 54",3 M |

### 31107 P. — 16054 Bonn.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| I. | | |
| | 21h45m | 41°2' |
| 45 8-4 | 45s,78 G | |

### 31108 P. — 42647 à 50 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| II. | | |
| | 21h46m | 100°58' |
| 54 9-6[1] | 6s,63 G | 7",8 G |
| 67 9-16 | 6,73 M | 10,3 M |

[1] Æ augmentée de 1s : erreur de 1s sur les 3 derniers fils ; en outre, l'observateur a diminué à tort les 2 premiers de 1s.

### 31109 P. — 42681 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| III. | | |
| | 21h46m | 44°23' |
| 80 9-26 | 54s,93 G | 12",0 G |

### 31110 P. — 42667-68 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| I. | | |
| | 21h45m | 61°55' |
| 39 8-21 | 34s,94 G | |
| 8-23 | 34,94 G | 44",5 F |
| 9-11 | | 49,0 F |
| 9-13 | | 45,8 F |
| 9-18 | 34,90 G | |
| 46 7-31 | 34,94 G | |
| 8-8 | 35,00 G | |
| 8-12 | | 48,7 G |
| 8-23 | 34,74 G | |
| 9-17 | | 46,7 G |
| 9-25 | 34,83 G | |
| 10-19 | 34,95 G | |
| 11-12 | | 47,9 F |
| 47 8-12 | 34,80 G | |
| 48 9-18[1] | 34,96 G | |
| 9-20[1] | 35,03 G | |
| 9-21 | 35,00 G | |
| II. | | |
| | 21h46m | 61°51' |
| 57 9-30 | | 37",2 G |
| 58 8-10 | 14s,99 G | 36,8 G |
| 59 10-22 | 14,83 G | |
| 62 7-21 | 15,13 G | |
| 7-25 | 14,98 G | |
| 9-5 | 15,08 G | |
| 9-11 | 14,92 G | |
| 63 7-31 | 14,87 G | |
| 8-1 | 14,96 G | |
| 8-7 | 15,00 G | |
| 8-14 | 14,91 G | |
| 8-25 | 14,84 G | |
| 9-1 | 15,01 M | |
| 9-11 | 14,89 G | |
| 9-12 | 14,98 G | |
| 9-15 | 14,98 G | |
| 9-18 | 15,04 G | |
| 9-19 | 15,01 G | |
| 9-27 | 14,90 G | |
| 64 8-3 | 15,04 G | |
| 8-27 | 14,96 G | |
| 8-29 | 14,94 G | |
| 9-5 | 15,02 G | |
| 9-9 | 15,02 G | |
| 9-12 | 14,87 G | |
| 9-17 | 14,92 G | |
| 9-22 | 14,99 G | |
| 9-26 | 15,11 G | |
| 9-29 | 14,96 G | |
| 9-30 | 15,11 G | |
| 10-17 | 15,02 G | |
| 65 9-1 | 14,98 G | |
| 9-2 | 14,97 G | |
| 9-6 | 14,84 G | |
| 9-7 | 15,08 G | |
| 9-8 | 15,05 G | |
| 9-12 | 15,01 G | |
| 9-13 | 15,10 G | |
| 9-18 | | 37,6 G |
| 9-20 | | 38,0 G |
| 9-21 | | 37,5 G |
| 9-22 | | 38,3 G |
| 9-23 | | 38,0 G |
| 10-6 | 14,88 G | |
| III. | | |
| | 21h46m | 61°47' |
| 72 9-7 | 55s,18 G | |

[1] Æ augmentée de 1m.

### 31111 P. — 42665 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| III. | | |
| | 21h46m | 65°31' |
| 79 9-17 | 55s,71 J | 53",1 J |
| 10-16 | 55,70 J | 53,1 J |

### 31112 P. — 42676 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| II. | | |
| | 21h46m | 56°16' |
| 67 9-4 | 19s,34 G | 32",3 G |
| III. | | |
| | 21h46m | 56°12' |
| 74 8-19 | 58s,16 M | 21",6 M |

### 31113 P. — 42662-63 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| I. | | |
| | 21h45m | 74°47' |
| 48 8-5 | | 42",3 G |
| II. | | |
| | 21h46m | 74°43' |
| 56 9-20 | 15s,47 G | |
| 57 10-7 | 15,48 G | 30",9 G |
| 58 9-8 | | 29,7 G |
| III. | | |
| | 21h46m | 74°39' |
| 80 8-26 | 58s,66 M | 19",6 M |

### 31114 P. — 9587 Rümker.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| II. | | |
| | 21h46m | 65°51' |
| 58 11-7 | 19s,49 G | |
| 61 8-30 | | 41",2 G |

### 31115 P. — 42669 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| II. | | |
| | 21h46m | 65°48' |
| 58 11-7 | 20s,19 G | 30",2 G |
| 11-10 | | 30,4 G |
| 61 8-30 | 20,08 G | 29,8 G |
| 11-3 | 20,15 G | |
| 62 9-13 | 20,09 G | 30,8 G |
| 9-18 | 20,29 G | 30,7 G |

### 31116 P. — 42678 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| III. | | |
| | 21h47m | 51°39' |
| 81 9-28 | 2s,86 J | 52",5 J |

### 31117 P. — 1126-27 $W_2$.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| III. | | |
| | 21h47m | 50°47' |
| 69 9-25 | 4s,57 M | 3",9 M |
| 80 9-3 | 5,00 M | 3,9 M |
| 9-20 | 5,18 M | 4,7 M |

### 31118 P. — 42666 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| II. | | |
| | 21h46m | 72°45' |
| 56 9-14 | 25s,12 G | |
| 58 8-26 | 25,06 G | 14",1 G |
| III. | | |
| | 21h47m | 72°41' |
| 79 10-3 | 7s,76 M | 1",8 M |

### 31119 P. — 6401 Sf. — 17°.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| I. | | |
| | 21h45m | 107°53' |
| 49 9-8 | 30s,96 G | |

[1] Différence de 1s,37 entre l'asc. dr. ci-dessus et celle de l'★ 69, Zone 149 de Washington (1848 sept. 18). L'observation de Wash. est faite à un fil et à la seconde ronde.

### 31120 P. — 42694 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| III. | | |
| | 21h47m | 46°48' |
| 81 10-1 | 14s,35 G | 11",0 G |

### 31121 P. — 42670 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| I. | | |
| | 21h45m | 79°5' |
| 40 8-20 | | 35",0 F |
| II. | | |
| | 21h46m | 79°1' |
| 58 8-24 | 34s,85 G | 20",0 G |
| 60 8-17 | 35,11 G | 19,4 F |
| 10-12 | 34,87 G | |
| 61 10-18 | 34,99 G | 21,6 G |
| 10-19 | 35,20 G | 21,5 G |

### 31122 P. — 42702 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| III. | | |
| | 21h47m | 42°2' |
| 72 9-25 | 20s,97 M | 14",3 M |
| 74 9-19 | 20,71 M | |
| 10-3 | 20,89 M | 14,4 M |

### 31123 P. — 42679 L.

16 Pégase.

Étoile fondamentale.

### 31124 P. — 42675 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| II. | | |
| | 21h46m | 84°5' |
| 56 8-5 | 44s,47 G | |
| 10-19 | | 17",0 G |
| III. | | |
| | 21h47m | 84°1' |
| 71 9-9 | 29s,58 M | 4",6 M |

| Dates 1800+ A. | M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|---|

**31125 P. — 42685 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 21h 47m | 64° 49′ |
| 81 | 10- 1 | 33s,45 J | 42",4 J |
| | 10- 3 | 33,52 J | 41,5 J |

**31126 P. — 42701 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 21h 46m | 51° 49′ |
| 59 | 11-23 | | 16",1 G |
| 62 | 9-14 | 58s,03 G | 15,5 G |
| | 9-25 | 58,15 G | 16,0 G |

**31127 P. — 42672 à 74 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 21h 46m | 94° 59′ |
| 39 | 9- 7 | 4s,52 G | 59",2 G |
| | 9- 9 | | 58,8 G |
| | 9-10 | | 60,0 G |
| | | II. | |
| | | 21h 46m | 94° 55′ |
| 55 | 8-11 | | 51",0 G |
| | 8-22 | 51s,27 G | |
| | 9- 8 | | 51,7 G |
| | 9-15 | | 48,8 G |
| | 10- 5 | 51,43 G | |
| 56 | 7-26 | 51,50 G | |
| 57 | 8-10 | | 51,5 G |
| | 8-16 | 51,51 G | |
| 58 | 8-12 | 51,35 G | 51,1 G |
| | 9-11 | | 50,0 F |
| | | III. | |
| | | 21h 47m | 94° 51′ |
| 69 | 8-23 | 38s,60 M | 40",8 M |
| 76 | 9-20 | 38,59 G | 40,9 G |

**31128 P. — 42696 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 21h 47m | 57° 51′ |
| 80 | 10- 9 | 39s,84 J | 41",4 J |

**31129 P. — 42680 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 21h 46m | 83° 47′ |
| 55 | 10-31 | 58s,17 G | |
| | 11-26 | | 36",4 G |
| 56 | 9-27 | 58,23 G | |
| 57 | 9-22 | 58,08 G | 38,1 G |
| | 11- 4 | 58,21 G | |

**31130 P. — 42690-91 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 21h 46m | 71° 3′ |
| 40 | 9-29 | 19s,87 G | |
| | | II. | |
| | | 21h 47m | 70° 59′ |
| 56 | 8- 7 | 1s,97 G | |
| | 9-16 | 2,03 G | 24",8 G |
| | 10- 4 | 2,00 G | 24,9 G |
| 58 | 8-16 | | 25,6 G |
| | 10- 4 | | 25,6 G |

**31130 P. (suite).**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 21h 47m | 70° 55′ |
| 78 | 10-15 | 44s,49 M | 13",4 M |

**31131 P. — 42683 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 21h 46m | 80° 20′ |
| 40 | 9-16 | 17s,83 G | |
| | | II. | |
| | | 21h 47m | 80° 16′ |
| 56 | 8- 9 | 1s,90 G | |
| | 10-22 | | 41",6 G |
| 57 | 9-24 | | 39,6 G |
| | 10- 6 | | 38,8 G |
| | 10-15 | 1,93 G | 39,7 G |

**31132 P. — 2866 Br.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 21h 46m | 34° 55′ |
| 40 | 11-25 [1] | 46s,57 G | 44",3 F |
| | 11-27 [1] | 46,55 G | 47,8 F |
| 44 | 4- 1 [1] | | 48,6 G |
| 48 | 8-28 [1] | | 50,0 G |
| 49 | 8-15 | 46,83 G | |
| | 9-25 [1] | | 48,1 G |
| 50 | 9- 2 | 46,44 G | |
| | 9- 4 [1] | | 49,0 G |

[1] Observations faites près du zénith sans indication de la position de l'observateur : on n'a pas tenu compte de la valeur de l'équation personnelle dans le calcul de la distance polaire.

**31133 P. — 42710-11 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 21h 47m | 48° 59′ |
| 80 | 8-31 | 58s,38 G | 1",8 G |
| | 9-24 [1] | 58,37 G | 1,2 G |
| 81 | 9-30 | 58,28 G | 1,6 G |

[1] 𝒜 augmentée de 0s,40 : erreur de 1s sur les deux derniers fils.

**31134 P. — 42705 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 21h 47m | 56° 22′ |
| 67 | 8-31 | 20s,52 G | 32",9 G |
| | | III. | |
| | | 21h 47m | 56° 18′ |
| 81 | 9-17 | 59s,46 M | 21",4 M |
| | 9-28 | 59,50 M | 21,6 M |

**31135 P. — 42706 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 21h 46m | 54° 35′ |
| 37 | 9-28 | 45s,39 G | |
| | 10- 1 | 45,26 G | |
| | 10- 3 | 45,29 G | |

**31135 P. (suite).**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 21h 46m | 54° 35′ |
| 37 | 10- 4 | 45s,24 G | |
| 39 | 8-24 | 45,40 G | 59",1 F |
| | 9- 1 | | 58,6 F |
| 40 | 9-21 [1] | | 60,1 F |
| 42 | 10- 5 | 45,31 G | 62,2 F |
| | 10- 6 | 45,32 G | 59,8 F |
| | 10- 7 | | 59,8 F |
| | | III. | |
| | | 21h 48m | 54° 27′ |
| 69 | 10- 1 | 1s,77 M | 36",5 M |
| 74 | 9-17 | 1,86 M | 38,4 M |
| 75 | 9-14 | 1,89 M | 38,0 M |

[1] 𝒫 diminuée de 5′.

**31136 P. — 1108 W₁.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 21h 47m | 79° 23′ |
| 57 | 10-20 | 20s,96 G | 32",3 G |

**31137 P. — 42687-88 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 21h 46m | 94° 1′ |
| 40 | 8-30 | 32s,36 G | |
| | | II. | |
| | | 21h 47m | 93° 57′ |
| 55 | 9- 9 | 18s,96 G | |
| 56 | 8- 1 | | 33",5 G |
| | | III. | |
| | | 21h 48m | 93° 53′ |
| 78 | 9-26 | 5s,99 G | 23",1 G |
| | 9-27 | 5,82 G | 23,5 G |
| 79 | 8-22 | 6,05 J | 21,7 J |
| | 9- 8 | 5,95 J | 21,5 J |
| | 10- 3 | 5,91 J | 22,0 J |
| | 10- 4 | 6,00 J | 21,5 J |
| | 10- 6 | 6,01 J | 22,1 J |

**31138 P. — 42689 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 21h 47m | 93° 39′ |
| 57 | 8- 2 | 19s,68 G | |
| | 8-21 | 19,56 G | |
| | 10-12 | 19,60 G | 23",4 G |
| | 10-16 | 19,79 G | 23,3 G |
| | | III. | |
| | | 21h 48m | 93° 35′ |
| 69 | 8-24 | 6s,31 M | 10",7 M |
| 78 | 10- 3 | 6,38 M | 12,1 M |

**31139 P. — 42684 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 21h 46m | 105° 59′ |
| 40 | 10-10 | 33s,00 G | |
| | 10-12 | 33,08 G | |
| | 10-13 | 33,11 G | |

**31139 P. (suite).**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 21h 47m | 105° 54′ |
| 54 | 9- 8 | 22s,37 G | |
| 57 | 8-29 | | 57",4 G |
| | | III. | |
| | | 21h 48m | 105° 50′ |
| 78 | 9-30 | 11s,51 M | 48",8 M |
| | 10- 4 | 11,42 M | 46,9 M |

**31140 P. — 42704 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 21h 47m | 77° 54′ |
| 56 | 8-13 | 33s,72 G | 28",4 G |
| | 8-30 | | 28,5 G |
| 57 | 10-22 | | 27,4 G |
| | | III. | |
| | | 21h 48m | 77° 50′ |
| 71 | 9-15 | 17s,41 M | 15",8 M |
| | 9-15 | 17,45 G | 15,6 G |

**31141 P. — 42692-93 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 21h 46m | 102° 42′ |
| 41 | 10-18 | 40s,93 G | |
| | 10-19 | 41,05 G | |
| | 10-20 | 40,88 G | |
| | | II. | |
| | | 21h 47m | 102° 37′ |
| 54 | 8-24 | 29s,26 G | |
| | 8-25 | 29,32 G | 48",7 G |
| 57 | 9- 9 | | 47,9 G |
| 67 | 8-17 | 29,20 M | |
| | | III. | |
| | | 21h 48m | 102° 33′ |
| 78 | 8-21 | 17s,97 G | 35",1 G |

**31142 P. — 42712-13 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 21h 47m | 62° 18′ |
| 58 | 8- 6 | 39s,26 G | |
| | 8- 8 | 39,24 G | 44",3 G |
| | | III. | |
| | | 21h 43m | 62° 14′ |
| 71 | 10-12 | 19s,38 G | |

**31143 P. — 42686 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 21h 47m | 113° 56 |
| 58 | 8- 5 [1] | | 58",9 G |
| | 10-31 | 33s,51 G | 60,9 G |
| 59 | 10-17 | | 61,0 G |
| | 10-22 | | 58,8 G |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜, 𝒫).

### 31143 P. (suite).

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | III. | $21^h48^m$ | 113°52' |
| 81 | 9-29 | $24^s,35$ M | 46",0 M |
| | 9-30 | 24,36 M | 46,1 M |

[1] 𝒫 diminuée de 10": erreur de réduct.

### 31144 P. — 42708-09 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | II. | $21^h47^m$ | 70°56' |
| 56 | 8-14 | $42^s,54$ G | |
| | 8-15 | 42,63 G | |
| 58 | 8-17[1] | 42,63 G | 26",2 G |
| | 9-27 | | 27,1 G |

[1] 𝒫 diminuée de 10": erreur de réduct.

### 31145 P. — 42714 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | I. | $21^h47^m$ | 65°18 |
| 45 | 9-24 | $4^s,30$ G | |
| | II. | $21^h47^m$ | 65°14' |
| 58 | 9-30 | | 17",6 G |
| | 10-29 | $45^s,06$ G | |
| | III. | $21^h48^m$ | 65°10' |
| 79 | 10- 3[1] | $26^s,19$ G | 5",0 G |

[1] 𝒫 dim. de 2",6: erreur de réduct.

### 31146 P. — 42703 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | II. | $21^h47^m$ | 94°52' |
| 55 | 9-16 | $40^s,79$ G | |
| 56 | 7-26 | | 47",0 G |
| 57 | 8- 6 | | 43,6 G |
| | 9-15 | | 45,7 G |
| | 9-18 | | 46,1 G |
| | III. | $21^h48^m$ | 94°48' |
| 76 | 9-15 | | 33",8 G |
| | 10- 7 | $27^s,62$ G | 34,0 G |

### 31147 P. — 29812 $Mn_1$.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | I. | $21^h47^m$ | 78°28' |
| 40 | 8-20 | | 36",4 F |

### 31148 P. — 42707 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | III. | $21^h48^m$ | 79°39' |
| 76 | 8-24 | $33^s,78$ M | 2",1 M |
| | 8-25 | 33,96 M | 3,8 M |

### 31149 P. — 42700 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | II. | $21^h47^m$ | 111°47' |
| 55 | 9- 7 | $49^s,55$ G | |
| 60 | 10- 6[1] | 49,30 G | 59",0 G |
| | 10-22 | 49,61 G | |
| | 11- 3 | 49,48 G | 59,9 G |

[1] 𝒫 augmentée de 5".

### 31150 P. — 42698-99 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | II. | $21^h47^m$ | 113°42' |
| 55 | 9- 7 | | 43",7 G |
| 57 | 9-27 | $49^s,48$ G | |
| 61 | 10-15 | 49,76 G | 47,7 G |

### 31151 P. — 42724 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | III. | $21^h48^m$ | 54°1' |
| 73 | 9-19 | $41^s,7?$ M | 3",6 M |
| 74 | 9-15 | 41,71 G | 4,9 G |
| 75 | 8-26 | 41,88 G | |

### 31152 P. — 5333 Sf. — 3°.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | II. | $21^h48^m$ | 93°42' |
| 57 | 7-27 | $4^s,20$ G | |

### 31153 P. — 42719 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | I. | $21^h47^m$ | 75°30' |
| 43 | 9-29 | | 12",0 F |
| | II. | $21^h48^m$ | 75°25' |
| 57 | 7-29[1] | $9^s,53$ G | |
| | 9-13 | 9,65 G | 59",7 G |
| | 10-13 | 9,51 G | 60,5 G |
| | 10-27 | 9,54 G | 60,0 G |

[1] 𝒜 augmentée de $1^s$ et en outre de $0^s,10$ pour le changement de $C'_p$.

### 31154 P. — 2868 Br.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | I. | $21^h47^m$ | 34°31' |
| 47 | 9-29[1] | | 0",4 G |
| 48 | 10-13 | $53^s,86$ G | |
| 49 | 8- 6 | 53,83 G | |
| 50 | 9-18 | 53,93 G | |
| 52 | 8-23[1] | | 2,9 F |

[1] Observations faites près du zénith sans indication de la position de l'observateur. On n'a pas tenu compte de la valeur de l'équation personnelle dans la réduction.

### 31155 P. — 42753 et 55 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | I. | $21^h47^m$ | 36°43' |
| 46 | 9-10 | $54^s,20$ G | |
| 47 | 9-11[1] | | 53",3 G |
| 49 | 8-25 | 53,98 G | |
| | 8-26 | 53,99 G | |
| | 12- 8 | 54,04 G | |
| 50 | 9- 9 | 54,09 G | |
| | III. | $21^h48^m$ | 36°35' |
| 81 | 9-13 | $56^s,78$ G | 27",1 G |
| | 10- 5 | 57,19 G | 29,2 G |

[1] Observation faite près du zénith sans indication de la position de l'observateur. On n'a pas tenu compte de la valeur de l'équation personnelle dans le calcul de la distance polaire.

### 31156 P. — 42728 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | II. | $21^h48^m$ | 60°25' |
| 58 | 11- 1 | $17^s,18$ G | 49",7 G |
| | III. | $21^h48^m$ | 60°21' |
| 80 | 8-13 | $57^s,02$ M | 37",3 M |

### 31157 P. — 4554 A + 30°.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | I. | $21^h47^m$ | 59°7' |
| 46 | 7-23 | $44^s,39$ G | |

### 31158 P. — 42716-17 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | II. | $21^h48^m$ | 93°41' |
| 56 | 10- 8 | $17^s,15$ G | |
| | 11- 6 | | 47",3 G |
| 57 | 7-27 | 17,24 G | |
| | 8-22 | 17,13 G | |
| | III. | $21^h49^m$ | 93°37' |
| 75 | 9- 4 | $3^s,99$ M | 36",3 M |
| | 9-15 | 4,02 M | 35,2 M |
| 78 | 9-14 | 4,13 M | 36,9 M |
| 79 | 8-26 | 3,93 J | 34,4 J |

### 31159 P. — 1123 $W_1$.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | II. | $21^h48^m$ | 94°53' |
| 58 | 8-12 | $17^s,85$ G | 0",9 G |

### 31160 P. — 42742 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | II. | $21^h48^m$ | 56°8' |
| 66 | 9-20 | $32^s,68$ G | |

### 31160 P. (suite).

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | III. | $21^h49^m$ | 56°4' |
| 80 | 9- 5 | $11^s,49$ J | 34",7 J |
| | 9-30 | 11,47 J | 34,2 J |

### 31161 P. — 4641 A + 25°.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | II. | $21^h48^m$ | 64°55' |
| 58 | 9-17 | $32^s,94$ G | |

### 31162 P. — 42741 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | I. | $21^h47^m$ | 58°23' |
| 40 | 9-12 | $54^s,86$ G | |
| | III. | $21^h49^m$ | 58°15' |
| 80 | 10- 1 | $14^s,28$ J | 13",6 J |
| | 10-12 | 14,31 J | 13,0 J |
| | 10-18 | 14,30 J | 14,1 J |
| 81 | 9-15 | 14,23 J | 13,7 J |

### 31163 P. — 1127 $W_1$.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | I. | $21^h47^m$ | 93°22' |
| 48 | 10-26 | $40^s,94$ G | |

### 31164 P. — 42723 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | II. | $21^h48^m$ | 88°17' |
| 55 | 9-28 | $31^s,59$ G | |
| 56 | 8-29 | | 59",5 G |
| | 9- 6 | | 60,0 G |
| | 10-25 | 31,54 G | |
| 57 | 9-19 | 31,88 G | |
| 58 | 8-27 | | 60,2 G |

### 31165 P. — 42746 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | II. | $21^h48^m$ | 57°59' |
| 59 | 11-23 | | 11",4 G |
| 60 | 10-29 | $38^s,32$ G | |
| 61 | 10- 5[1] | 38,52 G | |
| 62 | 9- 8 | 38,38 G | 11,7 G |

[1] 𝒜 diminuée de $0^s,30$ (*Voir* 30809 P.).

### 31166 P. — 42738 L.

| A. | M. J. | 𝒜 | 𝒫 |
|---|---|---|---|
| | II. | $21^h48^m$ | 72°39' |
| 58 | 8-11 | $36^s,38$ G | |
| | 9- 8 | | 27",4 F |
| | 9-11 | | 25,8 G |
| | 10- 8 | | 25,6 G |
| | 10-12 | 36,40 G | |
| | 11- 3 | 36,29 G | |
| 59 | 8-29 | 36,18 G | 26,2 G |

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|

### 31167 P. — 42729 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| I. | $21^h47^m$ | 79°35′ |
| 43 9-23 | $51^s,50$ G | |
| II. | $21^h48^m$ | 79°31′ |
| 57 8-13 | $35^s,53$ G | |
| 9-20 | 35,40 G | 36″,2 G |
| 10-20 | 35,50 G | 37,3 G |

### 31168 P. — 42718 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | $21^h48^m$ | 104°41′ |
| 54 8-27 [1] | $31^s,82$ G | 48″,9 G |
| 57 9- 6 | | 48,9 G |
| 58 10- 6 | | 50,2 G |
| 59 10-17 | 31,87 G | |
| III. | $21^h49^m$ | 104°37′ |
| 78 9-20 | $20^s,64$ M | 36″,1 M |

[1] $\mathcal{A}$ augmentée de $1^m$ : erreur de transcr.

### 31169 P. — 42758 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| III. | $21^h49^m$ | 45°2′ |
| 81 9-28 | $20^s,68$ G | 47″,1 G |

### 31170 P. — 42745 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | $21^h48^m$ | 61°18 |
| 58 9-24 | $41^s,74$ G | |
| 10-16 | 41,52 G | 40″,8 G |
| III. | $21^h49^m$ | 61°14′ |
| 81 9-15 | $21^s,86$ M | 28″,8 M |
| 10- 1 | 21,75 M | 29,0 M |

### 31171 P. — 42715 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | $21^h48^m$ | 116°9′ |
| 58 8-20 | $30^s,75$ G | 44″,1 G |
| 10-30 | 31,08 G | 45,2 G |
| 61 9-25 [1] | 31,02 G | 46,6 G |
| 10-14 | 30,91 G | 44,3 G |

[1] $\mathcal{D}$ diminuée de 3″ : erreur de moy.

### 31172 P. — 42734 et 36 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| I. | $21^h47^m$ | 79°50′ |
| 40 8-20 | | 46″,8 F |
| II. | $21^h48^m$ | 79°46′ |
| 56 8-26 [1] | | 29″,8 G |
| 8-31 | $40^s,11$ G | |
| 60 8-16 | 40,42 G | |
| 10- 9 | 40,26 G | 36,2 G |

[1] $\mathcal{D}$ non comprise dans la moyenne.

### 31173 P. — 8451 Berlin B.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| III | $21^h49^m$ | 65°11′ |
| 79 9-18 [1] | $24^s,35$ G | |

[1] $\mathcal{A}$ augmentée de $1^m$.

### 31174 P. — 42748 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| I. | $21^h48^m$ | 58°23′ |
| 40 9-12 | $6^s,82$ G | |

### 31175 P. — 42761 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| III. | $21^h49^m$ | 43°35′ |
| 72 9-20 | $25^s,89$ M | 15″,7 M |
| 74 9-18 | 26,22 G | 13,3 G |
| 75 8-27 | 26,01 G | 13,3 G |

### 31176 P. — 42731 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | $21^h48^m$ | 83°24′ |
| 56 9- 5 | $41^s,79$ G | 22″,7 G |
| 10-21 | | 23,2 G |
| 59 8-24 | 41,76 G | |

### 31177 P. — 42726 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| I. | $21^h47^m$ | 90°25′ |
| 40 10-30 | $55^s,76$ G | |
| 10-31 | 55,73 G | |
| 11- 3 | 55,63 G | |
| 11- 6 | 55,67 G | |
| II. | $21^h48^m$ | 90°21′ |
| 56 8-24 | $41^s,76$ G | 39″,3 G |
| III. | $21^h49^m$ | 90°17′ |
| 79 10- 6 | $28^s,01$ M | 26″,8 M |

### 31178 P. — 42751 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| III. | $21^h49^m$ | 58°20′ |
| 80 9-24 | $29^s,40$ J | 9″,4 J |
| 81 9- 4 | 29,39 J | 9,0 J |

### 31179 P. — 42743 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | $21^h48^m$ | 69°48′ |
| 56 9-20 | $47^s,40$ G | 41″,0 G |
| III. | $21^h49^m$ | 69°44′ |
| 79 10- 4 [1] | $29^s,77$ G | 28″,9 G |

[1] $\mathcal{D}$ augmentée de 1′.

### 31180 P. — 42725 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | $21^h48^m$ | 96°29′ |
| 55 9-26 | $44^s,56$ G | |
| 58 9- 9 | | 26″,7 F |
| 60 9-20 | 44,50 G | 28,1 G |
| 10- 4 | 44,51 G | |
| III. | $21^h49^m$ | 96°25′ |
| 74 8-19 | $31^s,70$ G | 14″,9 G |
| 76 10- 6 | 31,82 M | 15,0 M |

### 31181 P. — 42756 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| III. | $21^h49^m$ | 55°49′ |
| 81 9-28 | $35^s,15$ J | 3″,4 J |

### 31182 P. — 42727 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | $21^h48^m$ | 100°10′ |
| 54 8-31 | $50^s,04$ G | |

### 31183 P. — 42730 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | $21^h48^m$ | 97°38′ |
| 55 11-28 | $50^s,64$ G | |
| III. | $21^h49^m$ | 97°34′ |
| 79 10-16 | $38^s,25$ J | 18″,8 J |
| 80 8-27 | 38,23 M | 18,5 M |

### 31184 P. — 42720-21 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | $21^h48^m$ | 114°40′ |
| 55 9- 8 | $48^s,00$ G | |
| 62 9-12 | 47,94 G | 8″,6 G |
| III. | $21^h49^m$ | 114°35′ |
| 79 9- 3 | $38^s,99$ J | 54″,7 J |

### 31185 P. — 9764 Brux.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | $21^h49^m$ | 64°46′ |
| 59 7-28 | $0^s,29$ G | |

### 31186 P. — 42754 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | $21^h49^m$ | 64°43′ |
| 58 11-10 | | 44″,8 G |
| 59 7-28 | $4^s,17$ G | |
| 9- 7 [1] | 4,15 G | |

### 31186 P. (suite).

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| III. | $21^h49^m$ | 64°39′ |
| 79 9-17 | $45^s,22$ J | 31″,8 J |

[1] Erreur dans la déclinaison approchée inscrite. Le cahier-minute porte $h = 56''25'$.

### 31187 P. — 42735 et 37 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| I. | $21^h48^m$ | 100°19′ |
| 52 8-27 | $8^s,96$ G | |
| 9- 3 | 9,01 G | |
| II. | $21^h48^m$ | 100°14′ |
| 54 8-31 | | 51″,9 G |
| III. | $21^h49^m$ | 100°10′ |
| 78 9-10 | $45^s,23$ M | 39″,9 M |

### 31188 P. — 42722 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | $21^h48^m$ | 118°52′ |
| 55 9-23 | $54^s,12$ G | |
| III. | $21^h49^m$ | 118°48′ |
| 80 9- 5 | $46^s,02$ M | 12″,1 M |
| 9-20 | 46,22 M | 11,4 M |

### 31189 P. — 42769 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| III. | $21^h49^m$ | 43°26′ |
| 80 9-27 | $46^s,29$ G | 12″,7 G |

### 31190 P. — 42740 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | $21^h49^m$ | 95°25′ |
| 57 9-29 | $1^s,65$ G | |
| 58 9- 8 | | 6″,9 G |
| III. | $21^h49^m$ | 95°20′ |
| 68 10- 8 | $48^s,77$ M | 54″,0 M |

### 31191 P. — 42749-50 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| I. | $21^h48^m$ | 80°38′ |
| 40 8-28 | $21^s,75$ G | 8″,1 F |
| 8-31 | 21,63 G | 6,4 F |
| 9-16 | 21,76 G | |
| 44 9-30 | 21,79 G | |
| II. | $21^h49^m$ | 80°33′ |
| 56 9- 1 | $5^s,76$ G | |
| 10-25 | | 52″,5 G |

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|

### 31191 P. (suite).

| | III. 21h49m | 80°29' |
|---|---|---|
| 71 9-9¹ | 50s,14 M | 39",5 M |

¹ 𝒟 diminuée de 1'.

### 31192 P. — 42757 L.

| | II. 21h49m | 65°37' |
|---|---|---|
| 58 8-10 | 9s,79 G | 25",1 G |
| 10-15 | 10,00 G | |
| | III. 21h49m | 65°33' |
| 71 10-5 | 51s,14 G | |
| 74 10-7 | 50,95 M | 11",9 M |
| 10-12 | 50,90 M | 11,2 M |

### 31193 P. — 42768 L.

| | III. 21h49m | 47°15' |
|---|---|---|
| 81 9-19 | 51s,47 G | 46",8 G |

### 31194 P. — 42732-33 L.

| | I. 21h48m | 108°37' |
|---|---|---|
| 40 10-10 | 13s,36 G | |
| 10-12 | 13,31 G | |
| 10-13 | 13,37 G | |
| 49 9-8 | 13,57 G | |
| | II. 21h49m | 108°33' |
| 54 8-28 | 2s,99 G | 36",1 G |
| 58 9-13 | | 35,1 G |
| 9-27 | | 36,3 F |
| 67 9-16 | 3,22 M | 37,8 M |
| 9-21 | 3,19 M | 35,5 M |
| 9-26 | 3,02 M | 35,8 M |

### 31195 P. — 4503 A + 24°.

| | II. 21h49m | 65°35' |
|---|---|---|
| 58 10-15 | 12s,04 G | |

### 31196 P. — 42777 L.

| | III. 21h50m | 47°21' |
|---|---|---|
| 80 9-20 | | 35",6 G |

### 31197 P. — 42765 L.

| | I. 21h48m | 54°35' |
|---|---|---|
| 37 8-8 | 44s,40 G | 7",2 F |
| 9-9 | 44,29 G | |
| 9-20 | 44,37 G | 5,9 F |
| 9-28 | 44,46 G | |

### 31197 P. (suite).

| | I. 21h48m | 54°35' |
|---|---|---|
| 37 9-29 | 44s,41 G | |
| 10-1 | 44,54 G | |
| 10-3 | 44,43 G | |
| 10-4 | 44,38 G | 4",5 F |
| 10-25 | 44,29 G | |
| 38 8-15 | 44,43 G | 3,2 F |
| 12-14 | 44,33 G | 4,9 F |
| 40 10-8 | 44,29 G | |
| 41 9-9 | 44,10 G | |
| 42 10-3 | 44,22 G | |
| 10-5 | 44,34 G | 7,5 F |
| 10-6 | 44,35 G | 4,8 F |
| 10-7 | 44,44 G | 6,2 F |
| 10-8 | 44,43 G | |
| 10-11 | 44,27 G | |
| | II. 21h49m | 54°30' |
| 66 9-10 | 22s,61 G | |
| | III. 21h50m | 54°26' |
| 79 8-31 | 0s,98 G | 38",1 G |
| 80 9-4 | 1,02 J | 40,4 J |
| 9-29 | 1,01 J | 39,3 J |
| 81 9-16 | 0,97 J | 40,3 J |
| 9-17 | 0,96 J | 40,2 J |
| 9-18 | 0,97 J | 39,5 J |

### 31198 P. — 42752 L.

| | II. 21h49m | 85°8' |
|---|---|---|
| 55 10-20 | 15s,92 G | |
| 10-21¹ | | 56",8 G |
| | III. 21h50m | 85°4' |
| 71 9-12 | 1s,11 M | 44",3 M |

¹ 𝒟 diminuée de 35",4 (dist. des deux fils horizontaux) : obs. faite par erreur au fil inférieur.

### 31199 P. — 42790 L.

| | III. 21h50m | 42°2' |
|---|---|---|
| 68 10-22 | 6s,86 M | 11",3 M |
| 74 9-12 | 7,05 G | 9,9 G |

### 31200 P. — 42747 L.

| | II. 21h49m | 104°0' |
|---|---|---|
| 54 8-29 | 20s,28 G | |
| 9-5 | 20,29 G | 47",5 G |
| 9-28 | | 47,8 G |
| 57 8-12 | 20,35 G | |
| 8-29 | | 47,6 G |
| | III. 21h50m | 103°56' |
| 78 8-21 | 9s,11 M | 34",4 M |
| 9-11 | 9,12 M | 33,0 M |

### 31201 P. — 42744 L.

| | II. 21h49m | 109°51' |
|---|---|---|
| 55 9-24 | 19s,64 G | |
| 59 10-22 | | 12",8 G |
| | III. 21h50m | 109°46' |
| 79 8-25 | 9s,53 J | 59",8 J |

### 31202 P. — 42766 L.

| | II. 21h49m | 61°14' |
|---|---|---|
| 58 11-7 | 30s,17 G | 4",0 G |
| 61 8-30 | 30,14 G | 3,5 G |

### 31203 P. — 42775 L.

| | III. 21h50m | 55°36' |
|---|---|---|
| 68 10-10 | 11s,53 G | 51",3 G |
| 10-13 | 11,45 G | 51,8 G |

### 31204 P. — 42778 L.

| | III. 21h50m | 55°30' |
|---|---|---|
| 68 10-7 | 14s,26 G | |
| 10-8 | 14,29 G | 43",4 G |
| 74 8-19 | 14,27 M | 44,0 M |
| 9-30 | 14,43 M | 44,1 M |

### 31205 P. — 42789 L.

| | III. 21h50m | 47°25' |
|---|---|---|
| 79 9-10 | 15s,14 G | |
| 9-19 | 15,15 G | 6",2 G |
| 9-26 | 14,89 G | 7,6 G |
| 9-30 | 15,28 G | 7,2 G |

### 31206 P. — 42760 L.

| | II. 21h49m | 83°25' |
|---|---|---|
| 56 8-9 | 31s,52 G | |
| 9-2 | | 10",7 G |
| | III. 21h50m | 83°20' |
| 71 9-13 | 16s,22 M | |
| 74 9-19 | 16,23 G | 56",3 G |
| 75 10-12 | 16,39 M | 55,4 M |
| 10-19 | 16,20 M | 56,6 M |

### 31207 P. — 42828 L.

| | I. 21h49m | 59°28' |
|---|---|---|
| 37 10-12¹ | 0s,04 G | |

### 31207 P. (suite).

| | II. 21h49m | 59°23' |
|---|---|---|
| 67 8-31 | | 48",9 G |
| 10-25 | | 49,7 G |
| | III. 21h50m | 59°19' |
| 74 8-21 | 19s,44 M | 36",9 M |
| 10-3 | 19,69 M | 36,8 M |
| 10-8 | 19,55 M | 37,2 M |
| 75 8-23 | 19,65 M | 37,1 M |

¹ Erreur dans la déclin. approchée inscrite (distance des fils).

### 31208 P. — 42771 L.

| | II. 21h49m | 66°19' |
|---|---|---|
| 58 9-19 | 38s,40 G | |
| 10-2 | 38,71 G | |
| 59 8-21 | 38,29 G | 20",1 G |
| 9-24 | | 19,1 G |

### 31209 P. — 42779 L.

| | II. 21h49m | 61°15' |
|---|---|---|
| 58 11-7 | 41s,95 G | |
| 11-11 | 41,95 G | 30",1 G |
| 11-12¹ | 41,78 G | |
| 61 8-30 | 41,80 G | 30,2 G |
| | III. 21h50m | 61°11' |
| 71 9-18 | 21s,70 G | |
| 10-14 | 21,82 G | |
| 74 9-25² | | 16",4 G |

¹ Indiquée à tort comme 42789 L. (dist. des fils). Le cahier-minute indique d'ailleurs 42779 L.

² 𝒟 diminuée de 1",7 : erreur de réduct.

### 31210 P. — 42798 L.

| | III. 21h50m | 43°8' |
|---|---|---|
| 81 8-23 | 23s,02 G | 29",3 G |

### 31211 P. — 42762 L.

| | II. 21h49m | 78°0' |
|---|---|---|
| 57 8-26 | 41s,50 G | |
| 58 8-24 | 41,37 G | 13",9 G |
| 9-15 | 41,49 G | |
| 9-30 | 41,48 G | 14,4 G |
| 10-2 | | 13,9 G |
| | III. 21h50m | 77°56' |
| 71 9-12 | 25s,43 G | |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜, 𝒫)

### 31212 P. — 2876 Br.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | $21^h50^m$ | 18°14′ |
| 48 11-23 | | 27″,1 G |
| 50 8-10 | | 27,2 G |
| 8-29 | $2^s,43$ G | 27,9 F |

### 31213 P. — 42763 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | $21^h49^m$ | 85°9′ |
| 56 9-26 | $47^s,01$ G | 47″,0 G |
| III. | $21^h50^m$ | 85°5′ |
| 71 9-16[1] | $32^s,19$ M | 31″,6 M |

[1] 𝒫 augmentée de 1″,7 : err. de moy.

### 31214 P. — 42805 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | $21^h50^m$ | 45°38′ |
| 80 9- 5 | $32^s,49$ G | 35″,1 G |
| 9-26 | 32,28 G | 34,9 G |

### 31215 P. — 42821 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | $21^h49^m$ | 36°48′ |
| 46 9-16 | $29^s,33$ G | |
| 48 8- 5 | 29,24 G | |
| 9- 4[1] | | 1″,1 G |
| 10- 3[1] | | 1,1 G |
| 50 9- 7 | 29,43 G | |
| 9- 9 | 29,34 G | |

[1] Observations faites près du zénith sans indication de la position de l'observateur. On n'a pas tenu compte de la valeur de l'équation personnelle dans le calcul de la distance polaire.

### 31216 P. — 42783 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | $21^h49^m$ | 69°25′ |
| 57 9-30 | | 26″,1 G |
| 10-26 | | 25,8 G |
| 58 8- 7 | $51^s,30$ G | |
| 8-30 | 51,38 G | 25,6 G |
| 11- 8[1] | 51,27 G | 25,6 G |
| 60 10-17 | 51,17 G | 26,1 G |
| 10-24 | 51,35 G | |
| 61 10-20 | 51,05 G | 25,8 G |
| 62 7-21 | 51,28 G | |
| 63 8- 1 | 51,28 G | |
| 9-11 | 51,26 G | |
| 9-12 | 51,19 G | |
| 9-15 | 51,28 G | |
| 9-18 | 51,22 G | |
| 9-27 | 51,29 G | |
| 65 9- 7 | 51,25 G | |
| 9- 8 | 51,14 G | |
| 9-12 | 51,31 G | |
| 9-13 | 51,26 G | |
| 9-18 | | 25,2 G |
| 9-20 | | 26,5 G |
| 9-21 | | 24,8 G |

### 31216 P. (suite).

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | $21^h49^m$ | 69°25′ |
| 65 9-22 | | 26″,0 G |
| 9-23 | | 25,3 G |
| 10- 5 | $51^s,25$ G | |
| 10- 6 | 51,24 G | |
| 10- 7 | 51,27 G | |
| 10-21 | 51,39 G | |
| III. | $21^h50^m$ | 69°21′ |
| 78 10-15 | $33^s,28$ M | 13″,1 M |
| 10-16 | 33,30 M | 12,2 M |
| 10-17 | | 11,6 M |

[1] 𝒜 augm. de $4^s$ : erreur de transcr.

### 31217 P. — 13 μ Céphée.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | $21^h49^m$ | 34°7′ |
| 46 8-30 | | 17″,2 G |
| 9- 3 | | 18,1 G |
| 9- 4 | $41^s,01$ G | |
| 9- 5 | 41,03 G | |
| 47 10- 3 | | 15,2 G |
| 48 2-11 I | 40,70 G | |
| 9-22 | | 16,5 G |
| 11-14 | | 16,2 G |
| 11-22 | 40,96 G | 16,4 G |
| 49 8-31 | 40,61 G | |
| 52 12-17 | 40,96 G | |
| II. | $21^h50^m$ | 34°3′ |
| 63 9-15 | | 3″,6 G |
| 9-27 | | 3,2 G |
| 64 10-20 | | 5,0 G |
| 10-21 | | 2,5 G |
| 65 8-26 | | 2,6 G |
| 8-30 | | 2,4 G |
| 9-15 | | 2,9 G |
| 9-16 | | 3,3 G |

### 31218 P. — 42767 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | $21^h49^m$ | 91°26′ |
| 55 8-22 | $56^s,50$ G | |
| 56 8- 3 | | 44″,1 G |
| III. | $21^h50^m$ | 91°22′ |
| 76 10-14 | $42^s,91$ G | 33″,6 G |
| 77 9- 4 | 42,96 G | 33,7 G |
| 78 9- 2 | 43,14 J | 32,9 J |

### 31219 P. — 42788 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | $21^h50^m$ | 69°30′ |
| 58 8- 7 | $2^s,72$ G | |
| 8-30 | 2,59 G | |
| 11- 8 | 2,90 G | |
| 60 10-17 | 2,64 G | 14″,2 G |
| 10-24 | 2,83 G | 13,3 G |
| 11-12 | 2,43 G | |
| 61 10-20 | 2,61 G | 14,1 G |

### 31219 P. (suite).

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | $21^h50^m$ | 69°30′ |
| 61 11-17 | $2^s,75$ G | |
| 62 7-25 | 2,66 G | |
| 9- 5 | 2,69 G | |
| 9-11 | 2,69 G | |
| 63 8- 7 | 2,66 G | |
| 8-14 | 2,65 G | |
| 64 8- 3 | 2,72 G | |
| 8-27 | 2,74 G | |
| 8-29 | 2,65 G | |
| 9- 5 | 2,67 G | |
| 9- 9 | 2,69 G | |
| 9-12 | 2,60 G | |
| 9-26 | 2,78 G | |
| 9-29 | 2,63 G | |
| 9-30 | 2,67 G | |
| 10- 1 | 2,63 G | |
| 10-17 | 2,63 G | |
| 65 9- 1 | 2,71 G | |
| 9- 5 | 2,68 G | |
| 9- 6 | 2,60 G | |

### 31220 P. — 42797 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | $21^h50^m$ | 57°17′ |
| 59 11-23 | | 46″,6 G |
| 60 10- 6[1] | $5^s,91$ G | 45,5 G |
| 61 9-19 | | 45,9 G |
| 10-26 | 6,13 G | 46,2 G |
| 62 9-13 | 6,09 G | 45,5 G |

[1] 𝒜 augmentée de $1^m$, et 𝒫 augmentée de 1′ : erreur probable de la lecture du micromètre.

### 31221 P. — 1224 $W_2$.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | $21^h50^m$ | 56°6′ |
| 67 9- 4 | | 41″,1 G |

### 31222 P. — 42739 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | $21^h50^m$ | 94°29′ |
| 76 9-15 | $46^s,91$ G | 7″,1 G |
| 9-20 | 46,74 G | 6,8 G |
| 10- 7 | 46,82 G | 7,3 G |

### 31223 P. — 42787 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | $21^h49^m$ | 78°39′ |
| 39 8-21 | $22^s,99$ G | |
| 8-23 | 22,96 G | 24″,1 F |
| 9- 7 | 22,93 G | 25,8 F |
| 9- 9 | 22,97 G | 25,7 F |
| 9-10 | | 27,1 F |
| 9-18 | 22,92 G | |
| 40 8-30 | 22,99 G | |
| 10-30 | 22,97 G | |
| 46 8- 8 | 22,99 G | |
| 8-14 | | 24,5 G |
| 8-22 | | 25,6 G |

### 31223 P. (suite).

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | $21^h49^m$ | 78°39′ |
| 46 8-23 | $22^s,72$ G | 25″,9 G |
| 9-11 | 22,82 G | 26,0 G |
| 9-18 | 22,89 G | |
| 9-24 | 22,98 G | |
| 47 7-29 | 22,90 G | |
| 8- 1 | | 25,0 G |
| 8- 2 | 23,00 G | |
| 9-22 | 22,60 G | 26,1 G |
| 10- 8 | | 26,0 G |
| 48 9- 2 | | 25,9 G |
| 9-18[1] | 22,92 G | |
| 9-19 | 22,96 G | |
| 9-20 | 22,90 G | |
| 9-21 | 22,89 G | |
| 49 9-17 | 22,83 G | |
| 50 9- 7 | | 25,6 G |
| 51 8-12 | | 24,8 G |
| 52 11- 3 | 22,87 G | |
| 12-10 | 22,78 G | |
| 12-11 | 22,79 G | |
| 12-12 | 22,93 G | |
| II. | $21^h50^m$ | 78°35′ |
| 56 9-15 | $6^s,78$ G | |
| 10- 4 | 6,68 G | |
| 57 10- 7 | 6,62 G | 13″,0 G |
| 58 8-16 | | 12,6 G |
| 10- 1 | 6,60 G | 12,3 G |

[1] 𝒜 diminuée de $1^m$.

### 31224 P. — 42793 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | $21^h50^m$ | 73°13′ |
| 58 10- 5[1] | $13^s,38$ G | 25″,8 G |
| III. | $21^h50^m$ | 73°9′ |
| 71 9- 9 | $56^s,19$ G | |
| 9-14 | 56,16 G | |
| 9-15 | 56,18 M | 10″,2 M |
| 9-15 | 56,11 G | |

[1] 𝒜 diminuée de $1^m$.

### 31225 P. — 7651 Albany.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | $21^h50^m$ | 86°25′ |
| 57 8-20[1] | $12^s,92$ G | |
| 10- 6 | 13,08 G | |
| III. | $21^h50^m$ | 86°21′ |
| 72 10-15 | $58^s,69$ G | |

[1] 𝒜 augm. de $0^s,11$ : suppression d'un fil erroné.

### 31226 P. — 42770 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | $21^h49^m$ | 105°51′ |
| 41 10-18 | $20^s,94$ G | |
| 10-19 | 20,85 G | |
| 10-20 | 20,81 G | |

Dates 1800+ A. M. J. — Positions moyennes pour les époques du Catal. 𝒜. 𝒫.

**31226 P. (suite).**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h50m | 105°47′ |
| 54 9- 2 | 9s,85 G | |
| 9-10 | | 14″,0 G |
| 9-21 | 9,95 G | 11,8 G |
| | III. | |
| | 21h50m | 105°42′ |
| 78 8-31 | 58s,99 M | |
| 9-28 | 59,11 M | 58″,9 M |

**31227 P. — 42838 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 21h51m | 38°3′ |
| 81 9-16 | 0s,55 G | 50″,8 G |

**31228 P. — 42780 à 82 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h50m | 99°13′ |
| 55 10- 5 | 13s,61 G | |
| 56 10- 8 | | 45″,5 G |
| 57 8-10 | | 43,9 G |
| 8-21 | 13,71 G | |
| 9-18 | | 45,5 G |
| 10-12 | 13,84 G | 44,8 G |
| 10-16 | 13,82 G | 45,1 G |
| 11-11 | 13,57 G | |
| 65 9-20 | 13,54 M | 45,7 M |
| | III. | |
| | 21h51m | 99°9′ |
| 68 9- 1 | 1s,43 M | 31″,4 M |
| 76 10-14 | 1,40 M | 32,2 M |
| 10-16 | 1,42 M | 30,8 M |

**31229 P. — 42792 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 21h49m | 79°56′ |
| 40 8-20 | | 41″,5 F |
| | II. | |
| | 21h50m | 79°52′ |
| 55 10-31 | 18s,44 G | 26″,4 G |
| | III. | |
| | 21h51m | 79°48′ |
| 71 9-18 | 2s,39 M | 13″,2 M |

**31230 P. — 42815 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h50m | 57°19′ |
| 60 10- 6[1] | 23s,65 G | 30″,7 G |
| 61 10-26 | 23,46 G | 31,1 G |
| | III. | |
| | 21h51m | 57°15′ |
| 68 10-20 | 2s,59 G | 18″,5 G |
| 10-22 | 2,75 G | |

[1] 𝒜 augmentée de 1m.

**31231 P. — 42784 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h50m | 99°14′ |
| 57 8-21 | 16s,07 G | |
| 10-12 | 15,88 G | |
| 10-16 | 15,82 G | |
| | III. | |
| | 21h51m | 99°10′ |
| 79 9- 8 | 3s,85 M | 34″,0 M |
| 9-10 | 3,80 M | 33,3 M |

**31232 P. — 42802 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 21h49m | 73°3′ |
| 40 9-21 | 39s,71 G | |
| 10- 6 | | 8″,0 F |
| | II. | |
| | 21h50m | 72°58′ |
| 56 9-19 | | 54″,6 G |
| 58 10- 4 | | 54,7 G |
| | III. | |
| | 21h51m | 72°54′ |
| 71 9- 2 | 5s,43 G | 40″,8 G |
| 74 9- 9 | 5,31 M | 40,9 M |
| 10-10 | 5,27 M | 40,1 M |
| 75 9-14 | 5,33 M | 40,6 M |
| 76 8-24 | 5,09 M | 40,5 M |

**31233 P. — 42845 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 21h51m | 37°20′ |
| 80 8-29 | | 54″,9 G |
| 9- 4 | 6s,74 G | 57,3 G |
| 9- 9 | | 56,0 G |
| 9-17 | | 56,7 G |
| 9-22 | | 58,2 G |
| 81 9-15 | 7,37 G | 56,6 G |
| 9-17 | 6,87 G | 55,7 G |

**31234 P. — 42791 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h50m | 86°29′ |
| 57 8- 2 | 22s,29 G | 55″,2 G |
| 8-20[1] | 22,24 G | |
| 10-15 | 22,55 G | |
| | III. | |
| | 21h51m | 86°25′ |
| 71 9- 4[2] | 7s,93 M | 46″,2 M |

[1] 𝒜 augmentée de 0s,11 : suppression d'un fil erroné.
[2] 𝒫 diminuée de 1′.

**31235 P. — 4546 A + 29°.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 21h51m | 60°44′ |
| 71 10-14 | | 48″,6 G |

**31236 P. — 42772-73 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h50m | 113°53′ |
| 55 9-25 | 18s,89 G | |
| 58 8- 5 | | 40″,4 G |
| | III. | |
| | 21h51m | 113°49′ |
| 79 9- 8 | 9s,40 J | 29″,6 J |

**31237 P. — 42786 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h50m | 103°35′ |
| 54 9- 1 | | 14″,1 G |
| 9- 6 | 23s,42 G | 11,5 G |
| | III. | |
| | 21h51m | 103°31′ |
| 78 9-30 | 12s,14 M | 0″,0 M |
| 10- 4 | 12,17 M | 0,3 M |

**31238 P. — 42794 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 21h49m | 86°34′ |
| 40 10-31 | 41s,83 G | |
| 11- 6 | 41,83 G | |
| 41 8-30 | 41,86 G | |
| | II. | |
| | 21h50m | 86°30′ |
| 55 11-26 | | 22″,4 G |
| 56 8- 5 | 27s,04 G | |
| 57 8- 2 | 27,37 G | |
| 8-20 | 27,29 G | |
| 10-15 | 27,29 G | |
| 58 8-15 | | 21,7 G |

**31239 P. — 42795 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h50m | 91°17′ |
| 57 8-11 | 29s,87 G | |
| 58 9-11 | | 26″,4 F |
| 9-13 | | 26,1 F |
| 59 10-16 | 29,81 G | |
| 61 8-31 | 29,84 G | 30,7 G |
| 9- 3 | 29,85 G | 30,4 G |
| 10-15 | 30,13 G | 29,6 G |
| 10-19 | 30,07 G | 29,7 G |
| 10-28 | 29,74 G | |
| | III. | |
| | 21h51m | 91°13′ |
| 78 9- 4 | 16s,08 J | 15″,5 J |
| 9-27 | 15,94 G | 16,7 G |
| 10- 2 | 16,02 J | 17,0 J |

**31240 P. — 42901 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 21h50m | 17°1′ |
| 46 8-25[1] | 56s,36 G | 47″,3 G |
| 50 8- 4 | 56,33 G | |
| 8-31 | 56,62 G | 49,7 G |

**31240 P. (suite).**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 21h50m | 17°1′ |
| 50 8-31 | | 51″,8 F |
| 52 10-30 | 56s,23 G | |
| 53 3-28 I | 56,29 G | |
| 3-29 I | 56,05 G | |
| 4-27 I | 56,48 G | |
| 10- 8 | 56,20 G | |
| 10-12 | 56,49 G | |
| 10-13 | 56,87 G | |

[1] 𝒜 augmentée de 10″ : erreur de moy.

**31241 P. — 42848 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 21h51m | 43°7′ |
| 80 10- 1 | 23s,80 G | 25″,2 G |
| 10-18 | 24,00 G | 26,3 G |

**31242 P — 29918 Mn1.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 21h49m | 101°52′ |
| 44 10-11 | 47s,73 G | |
| 10-15 | 47,61 G | |

**31243 P. — 42803 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h50m | 94°24′ |
| 57 8- 7 | 41s,24 G | 10″,9 G |
| 58 9- 5 | 41,21 G | 12,9 G |

**31244 P. — 42808 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h50m | 90°3′ |
| 56 11- 6 | 43s,06 G | |
| | III. | |
| | 21h51m | 89°59′ |
| 68 10- 9 | 29s,45 M | 40″,6 M |
| 79 9- 1 | 29,48 J | 40,7 J |

**31245 P. — 42832 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h50m | 66°19′ |
| 58 9-19 | 48s,20 G | |
| 60 10-12 | 48,27 G | |
| 62 8- 5 | 48,20 G | 59″,3 G |
| 9-18 | 48,39 G | 58,0 G |

**31246 P. — 42839 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 21h51m | 54°27′ |
| 73 10- 8 | 30s,94 G | 33″,8 G |

Dates 1800 + — Positions moyennes pour les époques du Catal.

### 31247 P. — 42817 L.

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| | I. | |
| | 21h50m | 78°47′ |
| 39 9- 7 | | 17″,2 F |
| 9- 9 | | 18,6 F |
| 52 11-18[1] | 3s,31 G | |
| | II. | |
| | 21h50m | 78°43′ |
| 56 8-30 | | 4″,0 G |
| | III. | |
| | 21h51m | 78°38′ |
| 79 10- 7 | 31s,19 G | • |
| 10-11 | 31,16 G | 48″,7 G |
| 10-12 | 31,12 G | 49,9 G |

[1] Erreur de 2° dans la déclinaison approchée inscrite (dist. des fils).

### 31248 P. — 42818 à 20 L.

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h50m | 80°13′ |
| 55 9-28 | 48s,91 G | |
| 57 8- 6 | | 20″,3 G |
| 9-21 | 49,07 G | |
| 9-24 | | 22,5 G |
| 10-24 | | 21,9 G |
| | III. | |
| | 21h51m | 80°9′ |
| 69 10- 5 | | 9″,4 G |

### 31249 P. — 1190 $W_1$.

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| | III. | |
| | 21h51m | 78°37′ |
| 79 10- 3[1] | 34s,00 G | 43″,8 G |

[1] 𝒟 diminuée de 2″,6 : erreur de réd.

### 31250 P. — 42800 L.

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h50m | 102°45′ |
| 54 9- 4[1] | 45s,63 G | 56″,0 G |
| 57 9- 9 | | 62,3 G |
| | III. | |
| | 21h51m | 102°41′ |
| 78 8-21 | 34s,34 G | 47″,3 G |

[1] 𝒟 non comprise dans la moyenne.

### 31251 P. — 42854 L.

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| | III. | |
| | 21h51m | 43°5′ |
| 80 9-14 | 35s,07 G | 32″,5 G |
| 10-12 | 35,00 G | |

### 31252 P. — 42835 L.

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h50m | 61°50′ |
| 58 8- 6 | 55s,49 G | |
| 60 8-17 | 55,42 G | |
| 8-25 | 55,44 G | |
| 9-20 | 55,35 G | 25″,3 G |
| | III. | |
| | 21h51m | 61°46′ |
| 71 10-12 | 35s,52 G | |

### 31253 P. — 42822 à 24 L.

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| | I. | |
| | 21h50m | 80°36′ |
| 40 8-31[1] | 8s,06 G | 10″,9 F |
| 9-16 | 8,26 G | |
| 43 11-29 | 8,20 G | |
| 44 9-27 | 7,97 G | |
| 9-30 | 7,88 G | |
| | II. | |
| | 21h50m | 80°31′ |
| 56 9- 4 | | 55″,5 G |
| 9-27 | 52s,34 G | |
| 10-25 | 52,18 G | |
| | III. | |
| | 21h51m | 80°27′ |
| 74 8-20 | 36s,68 G | 41″,3 G |

[1] 𝒟 diminuée de 30″ (1 tour de vis des microscopes).

### 31254 P. — 42810-11 L.

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h50m | 94°9′ |
| 55 8- 9 | 50s,85 G | 19″,3 G |
| | III. | |
| | 21h51m | 94°5′ |
| 68 10- 5 | 37s,71 M | 4″,6 M |
| 78 9-24 | 37,85 G | 6,3 G |
| 10-15 | 37,61 J | 6,0 J |

### 31255 P. — 42806 L.

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| | III. | |
| | 21h51m | 103°37′ |
| 78 9- 4 | 39s,43 M | 30″,2 M |
| 79 9-10 | 39,47 J | 30,7 J |

### 31256 P. — 42834 L.

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h50m | 67°3′ |
| 58 10-29 | 58s,18 G | |
| 11- 1 | 58,18 G | 50″,5 G |
| | III. | |
| | 21h51m | 66°59′ |
| 71 10-15 | 39s,65 G | 35″,4 G |

### 31257 P. — 42807 L.

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| | I. | |
| | 21h50m | 103°24′ |
| 46 9-29 | 2s,66 G | 11″,9 G |
| 9-30 | 2,57 G | 14,5 G |
| 9-30 | | 14,7 F |
| 10- 3 | 2,93 G | 14,5 G |

### 31258 P. — 42812 L.

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| | I. | |
| | 21h50m | 96°9′ |
| 39 8-24 | 5s,56 G | 24″,0 F |
| 9-11 | | 24,7 F |
| 46 8-12 | 5,41 G | 23,9 G |
| 47 8-12 | 5,65 G | |
| 48 8-20 | | 24,9 G |
| 9-29 | 5,63 G | |
| 50 9- 2 | 5,55 G | |
| 52 8-31 | 5,63 G | |
| 9- 1 | 5,72 G | |
| 53 11- 4 | 5,55 G | |
| | II. | |
| | 21h50m | 96°5′ |
| 54 8-21 | | 10″,7 G |
| 55 8-11 | | 9,8 G |
| 8-23 | 52s,80 G | |
| 56 10-27 | 52,72 G | |
| 10-28 | 52,69 G | |
| 57 8-16 | 52,76 G | |
| | III. | |
| | 21h51m | 96°0′ |
| 74 8-19 | 40s,16 G | 58″,9 G |

### 31259 P. — 42809 L.

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h50m | 103°55′ |
| 54 9- 3 | 55s,69 G | 3″,1 G |
| 9- 7 | 55,83 G | 7,6 G |
| 57 9- 6 | | 4,9 G |
| | III. | |
| | 21h51m | 103°50′ |
| 79 10- 3 | 44s,52 J | 49″,7 J |
| 10- 4 | 44,59 J | 50,2 J |
| 10- 6 | 44,57 J | 49,9 J |

### 31260 P. — 42804 L.

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| | I. | |
| | 21h50m | 111°55′ |
| 39 9-10 | | 9″,8 G |
| 9-11 | | 9,3 G |
| 9-13 | 4s,74 G | 8,9 G |
| 43 9-23[1] | 4,53 G | |
| 49 11-28 | 4,77 G | |
| 11-29 | 4,73 G | |
| | II. | |
| | 21h50m | 111°50′ |
| 57 9-27 | 54s,85 G | |
| 58 9- 9 | 55,00 G | 55″,8 G |

### 31260 P. (suite).

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| | III. | |
| | 21h51m | 111°46′ |
| 79 8-26[2] | 45s,34 J | 40″,6 J |

[1] Erreur de 1°20′ dans la déclinaison indiquée. Le Cahier porte ★ $h = 19^{\circ}\,18'$.

[2] 𝒟 augm. de 3″,6 : erreur de réduct.

### 31261 P. — 42825 L.

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h51m | 84°43′ |
| 56 10- 5 | 0s,60 G | |
| 58 8-27 | | 28″,8 G |
| | III. | |
| | 21h51m | 84°39′ |
| 75 10-23 | 45s,96 M | 15″,3 M |

### 31262 P. — 42827 L.

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h51m | 84°43′ |
| 56 10-19 | | 23″,2 G |

### 31263 P. — 42836 L.

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h51m | 70°21′ |
| 56 9-14 | 4s,57 G | 43″,5 G |
| 57 7-10 | 4,41 G | |
| 10-13 | 4,34 G | 44,0 G |

### 31264 P. — 1243 $W_2$.

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h51m | 67°6′ |
| 58 10-29 | 6s,88 G | |
| 11- 1 | 6,76 G | |

### 31265 P. — 1246 $W_2$.

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| | I. | |
| | 21h50m | 58°3′ |
| 46 7-23 | 29s,91 G | |

### 31266 P. — 9686 Rümker.

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h51m | 70°25′ |
| 57 10-13 | 7s,54 G | |

### 31267 P. — 42816 L.

| A. M. J. | Æ. | 𝒟. |
|---|---|---|
| | II. | |
| | 21h51m | 102°38′ |
| 54 9-11 | 3s,11 G | 53″,0 G |
| 58 9-13 | | 56,3 G |
| 67 8-17 | 3,07 G | |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜, 𝒟)

**31267 P. (suite).**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | 21h51m | 102°34′ |
| 78 9-18 | | 39″,8 M |

**31268 P. — 42849 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 21h51m | 61°21′ |
| 58 8-8 | 13s,15 G | 11″,9 G |
| 11-7 | 12,73 G | 12,4 G |
| III. | 21h51m | 61°16′ |
| 71 8-29 | 53s,17 M | 58″,6 M |

**31269 P. — 9689 Rümker.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | 21h50m | 70°51′ |
| 40 9-29 | 29s,14 G | |
| 9-30 | 29,21 G | |

**31270 P. — 42813 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 21h51m | 110°16′ |
| 54 10-31 | | 25″,2 G |
| 58 10-31 | 4s,96 G | 25,6 G |
| III. | 21h51m | 110°12′ |
| 79 9-3 | 55s,00 M | 11″,5 M |

**31271 P. — 42863 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | 21h51m | 37°10′ |
| 81 9-29 | 58s,02 G | 8″,4 G |
| 9-30 | 57,88 G | 7,5 G |
| 10-19 | 57,99 G | 9,3 G |

**31272 P. — 1258 W$_2$.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | 21h50m | 48°7′ |
| 43 9-29 | 47s,84 G | |

**31273 P. — 42852 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 21h51m | 61°53′ |
| 58 8-6 | 21s,21 G | |
| 11-2 | 21,15 G | 40″,2 G |

**31273 P. (suite).**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | 21h52m | 61°49′ |
| 79 10-12 | 1s,48 J | 26″,5 J |

**31274 P. — 42833 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 21h51m | 99°8′ |
| 57 8-22 | 14s,91 G | |
| 58 9-8 | 14,99 G | 29″,1 G |
| III. | 21h52m | 99°4′ |
| 79 10-7 | 2s,54 J | 14″,3 J |

**31275 P. — 1252 W$_2$.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 21h51m | 71°35′ |
| 56 8-14 | 24s,94 G | |

**31276 P. — 42855 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 21h51m | 65°55′ |
| 58 9-24 | 28s,23 G | 3″,6 G |
| III. | 21h52m | 65°50′ |
| 71 10-5 | 9s,63 G | |
| 74 9-15 | 9,33 G | 49″,5 G |
| 9-17 | | 49,1 G |
| 10-27 | | 51,1 G |
| 75 8-17 | 9,44 G | 50,1 G |

**31277 P. — 29946 Mn$_1$.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 21h51m | 77°59′ |
| 58 8-24 | 27s,81 G | 2″,1 G |
| 9-30 | 27,85 G | 2,0 G |

**31278 P. — 42843-44 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 21h51m | 86°53′ |
| 56 8-29 | | 1″,8 G |
| 10-18 | | 3,4 G |
| 58 9-28 | 26s,32 G | 1,3 G |
| 63 8-11 | 26,30 M | 3,7 M |

**31279 P. — 13049 Cambridge.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 21h51m | 61°14′ |
| 58 8-8 | 34s,57 G | |

**31280 P. — 42842 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 21h51m | 90°7′ |
| 56 7-26[1] | 29s,50 G | |
| 8-4 | 29,32 G | |
| 57 10-22 | | 36″,3 G |
| 58 9-9 | | 34,8 F |
| 10-8 | | 36,3 G |
| 59 10-5 | | 37,3 G |

[1] 𝒜 augmentée de 1s : correction indiquée comme probable par l'observateur.

**31281 P. — 42867 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 21h51m | 41°59′ |
| 67 10-4 | 41s,42 M | 48″,0 M |
| III. | 21h52m | 41°55′ |
| 80 8-13 | 15s,84 M | 32″,8 M |
| 81 9-17 | 15,55 M | 32,6 M |
| 10-10 | 15,56 M | 31,9 M |

**31282 P. — 42829-30 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 21h51m | 113°32′ |
| 58 8-28 | 25s,20 G | 20″,6 G |
| 59 10-17 | | 22,8 G |
| 10-22 | | 22,3 G |
| 61 9-25 | 25,24 G | 24,6 G |

**31283 P. — 1203 W$_1$.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 21h51m | 84°40′ |
| 56 10-17 | | 21″,8 G |
| III. | 21h52m | 84°36′ |
| 71 9-9 | 16s,01 M | 5″,8 M |

**31284 P. — 42857 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 21h51m | 57°16′ |
| 60 10-6 | 36s,64 G | 46″,8 G |
| III. | 21h52m | 57°12′ |
| 69 9-25 | 16s,04 M | 32″,9 M |
| 74 9-12 | 16,04 M | 32,0 M |
| 10-12 | 16,06 M | 32,6 M |
| 11-4 | 16,04 M | 32,3 M |
| 76 8-25 | 16,11 M | 31,5 M |

**31285 P. — 42874 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | 21h52m | 37°8′ |
| 81 10-1 | 19s,25 G | 0″,7 G |
| 10-3[1] | 19,08 G | |

[1] 𝒜 augm. de 1s : correction indiquée comme probable par l'observateur.

**31286 P. — 21779 A. O.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 21h51m | 105°48′ |
| 59 10-17 | 30s,51 G | |

**31287 P. — 42840 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 21h51m | 100°50′ |
| 54 8-24 | 31s,67 G | |
| 8-25 | 31,63 G | |
| 56 11-14 | | 43″,3 G |
| 67 9-16 | 31,92 M | 43,9 M |

**31288 P. — 9690 Rümker.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | 21h50m | 102°2′ |
| 44 10-7[1] | 43s,21 G | |

[1] Erreur de 1° dans la déclinaison approchée inscrite. Le cahier-minute porte ★h = 29°8′.

**31289 P. — 42850 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 21h51m | 84°38′ |
| 59 8-24 | 35s,59 G | |

**31290 P. — 42846-47 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | 21h50m | 95°6′ |
| 40 10-10 | 49s,75 G | |
| 10-12 | 49,60 G | |
| 10-13 | 49,62 G | |
| 48 10-26 | 49,74 G | |
| II. | 21h51m | 95°1′ |
| 55 10-2 | 36s,67 G | |
| 56 8-1 | | 49″,0 G |
| 57 9-15 | | 48,8 G |
| 58 8-12 | | 48,2 G |
| 8-23 | 36,87 G | 47,2 G |
| 59 9-5 | 36,68 G | |
| III. | 21h52m | 94°57′ |
| 78 10-16 | 23s,76 J | |

**31291 P. — 42841 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 21h51m | 105°45′ |
| 54 8-27 | 41s,44 G | 3″,5 G |
| III. | 21h52m | 105°40′ |
| 78 8-21 | 30s,42 M | 47″,4 M |
| 9-3 | 30,37 M | 47,9 M |

| Dates 1800+ A. | M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|---|
| **31292 P. — 42856 L.** | | | |
| | | II. | |
| | | 21h51m | 75°21′ |
| 56 | 9- 8 | | 35″,8 G |
| | 9-20 | 48s,91 G | |
| 58 | 8-16 | | 35,6 G |
| | 8-26 | 48,77 G | |
| | 9- 8 | | 36,4 F |
| 59 | 8-29 | 48,87 G | 36,2 G |
| **31293 P. — 21785 A. O.** | | | |
| | | I. | |
| | | 21h50m | 108°44′ |
| 41 | 10-15 | 55s,31 G | |
| | 10-18 | 55,70 G | |
| | 10-19 | 55,68 G | |
| | 10-20 | 55,66 G | |
| **31294 P. — 42871-72 L.** | | | |
| | | III. | |
| | | 21h52m | 47°22′ |
| 80 | 8-27 | | 36″,3 G |
| | 8-31 | 35s,44 G | 36,6 G |
| | 9- 2 | | 35,5 G |
| | 9- 3 | 35,47 G | 35,2 G |
| | 10-29 | 35,27 G | 37,9 G |
| 81 | 8-22 | 35,35 G | 36,5 G |
| | 10- 4 | 35,51 G | 36,7 G |
| **31295 P. — 42851 L.** | | | |
| | | III. | |
| | | 21h52m | 99°33′ |
| 76 | 10- 6 | 35s,53 M | 55″,1 M |
| 79 | 10- 3 | 35,52 M | 55,2 M |
| **31296 P. — 42837 L.** | | | |
| | | II. | |
| | | 21h51m | 119°17′ |
| 58 | 8-20 | 44s,60 G | 11″,7 G |
| 60 | 10-29 | 45,02 G | |
| 61 | 10- 4 | | 11,4 G |
| **31297 P. — 3626 Gr.** | | | |
| | | I. | |
| | | 21h51m | 40°14′ |
| 45 | 8- 4[1] | 30s,77 G | |

[1] Erreur de 30′ dans la déclin. approchée inscrite (distance des fils).

| Dates 1800+ A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| **31298 P. — 42862 L.** | | | |
| | | II. | |
| | | 21h52m | 67°6′ |
| 58 | 8-10 | 0s,09 G | 19″,8 G |
| | 10-16 | 0,10 G | 19,1 G |
| 61 | 11- 3 | 0,22 G | |
| | | III. | |
| | | 21h52m | 67°2′ |
| 71 | 9-17 | 41s,69 G | 3″,7 G |
| **31299 P. — 42886 L.** | | | |
| | | III. | |
| | | 21h52m | 43°10′ |
| 80 | 9-29 | 45s,98 G | 19″,1 G |
| 81 | 9-19 | 45,93 G | 19,4 G |
| **31300 P. — 42896 L.** | | | |
| | | II. | |
| | | 21h52m | 75°36′ |
| 58 | 11- 3 | 4s,28 G | |
| | | III. | |
| | | 21h52m | 75°32′ |
| 81 | 9-16 | | 27″,7 J |
| | 9-28[1] | 47s,70 J | 27,8 J |
| | 10- 1[2] | 47,59 J | 28,6 J |
| | 10-15[3] | 47,41 J | 27,5 J |

[1] 𝒜 dim. de 1m : le passage observé a été augmenté à tort de 1m.
[2] 𝒜 dim. de 1m : on aurait dû diminuer le passage observé de 5m comme celui de l'étoile qui précède dans la série.
[3] 𝒜 dim. de 1m : le passage a été augm. à tort de 1m par l'observateur.

| Dates 1800+ A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| **31301 P. — 42878 L.** | | | |
| | | II. | |
| | | 21h52m | 51°44′ |
| 59 | 11-23 | | 23″,4 G |
| 60 | 10-25 | 13s,59 G | 23,2 G |
| | 10-26 | | 22,9 G |
| | 11-16 | | 22,6 G |
| 67 | 10-30[1] | | 21,6 G |
| | | III. | |
| | | 21h52m | 51°40′ |
| 69 | 10- 1 | 51s,04 M | 7″,5 M |

[1] 𝒫 dim. de 4° : erreur de réduct.

| Dates 1800+ A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| **31302 P. — 42859 L.** | | | |
| | | II. | |
| | | 21h52m | 92°2′ |
| 56 | 8-24 | 8s,85 G | 52″,3 G |
| | | III. | |
| | | 21h52m | 91°58′ |
| 76 | 9-15 | | 38″,5 G |
| | 10- 7 | | 37,9 G |
| 77 | 9- 4 | 55s,37 G | |
| 78 | 9-26 | 55,47 G | 40,6 G |
| **31303 P. — 42889-90 L.** | | | |
| | | II. | |
| | | 21h52m | 47°30′ |
| 67 | 9-11 | 20s,99 M | 59″,3 M |
| | | III. | |
| | | 21h52m | 47°26′ |
| 72 | 9-20 | 57s,37 M | 45″,8 M |
| | 9-25 | 57,60 M | 45,5 M |
| **31304 P. — 42858 L.** | | | |
| | | III. | |
| | | 21h52m | 95°12′ |
| 81 | 9-18 | 58s,15 J | 16″,8 J |
| | 9-19 | 57,95 J | 17,4 J |
| **31305 P. — 42799 L.** | | | |
| | | III. | |
| | | 21h53m | 71°34′ |
| 81 | 8-23 | 4s,01 J | 30″,7 J |
| | 9- 4 | 4,25 J | 30,6 J |
| **31306 P. — 42860 et 70 L.** | | | |
| | | II. | |
| | | 21h52m | 100°58′ |
| 54 | 9- 8 | 16s,65 G | |
| | 9-19 | 16,61 G | 44″,8 G |
| | 10- 8 | | 44,0 G |
| 58 | 9-27 | | 44,0 F |
| | 10- 6 | 16,60 G | 45,8 G |
| | | III. | |
| | | 21h53m | 100°54′ |
| 79 | 9-17 | 4s,99 J | 30″,6 J |
| | 10-16 | 4,80 J | 31,3 J |
| 80 | 8-27 | 4,94 M | 31,3 M |
| **31307 P. — 42861 L.** | | | |
| | | II. | |
| | | 21h52m | 96°56′ |
| 55 | 9-26 | 17s,67 G | 29″,5 G |
| | | III. | |
| | | 21h53m | 96°52′ |
| 69 | 8-24 | 5s,00 M | 16″,9 M |
| 76 | 10- 9 | 4,90 M | 16,4 M |
| **31308 P. — 42892-93 L.** | | | |
| | | II. | |
| | | 21h52m | 47°25′ |
| 67 | 10- 2 | 30s,74 M | 41″,3 M |
| | | III. | |
| | | 21h53m | 47°21′ |
| 79 | 9-10 | 7s,05 G | 26″,0 G |
| **31309 P. — 3633 Gr.** | | | |
| | | I. | |
| | | 21h52m | 27°6′ |
| 52 | 11-18 | | 40″,5 G |
| | 11-18 | | 41,5 F |
| | 11-19 | | 42,1 G |
| | 11-19 | | 40,6 F |
| | 11-20 | | 40,1 G |
| | 11-20 | | 41,1 F |
| | 11-25 | | 39,3 F |
| | 11-27 | | 40,1 G |
| | 11-27 | | 41,2 F |
| | 11-27 I | | 41,0 G |
| **31309 P. (suite).** | | | |
| | | I. | |
| | | 21h52m | 27°6′ |
| 52 | 11-27 I | | 40″,4 F |
| | 12- 7 | | 40,0 G |
| | 12- 7 | | 40,5 F |
| | 12- 8 I | | 41,8 G |
| | 12- 8 I | | 39,5 F |
| | 12-10 I | | 41,5 G |
| | 12-10 I | | 39,3 F |
| | 12-11 I | 17s,46 G | 40,8 G |
| | 12-11 I | | 41,2 F |
| | 12-13 I | | 42,9 F |
| **31310 P. — 42883 à 85 L.** | | | |
| | | II. | |
| | | 21h52m | 60°50′ |
| 57 | 9-30 | | 20″,6 G |
| 58 | 9-17 | 29s,21 G | |
| | 10-15 | 29,11 G | |
| 59 | 7-28 | 29,01 G | |
| | 8-21 | 29,12 G | 24,0 G |
| | 8-22 | | 24,3 G |
| | 9-23 | 29,17 G | |
| | 9-24 | 29,25 G | 22,8 G |
| | 10- 1 | 29,25 G | |
| | 10- 2 | 29,41 G | |
| | 10-22 | 29,27 G | |
| | | III. | |
| | | 21h53m | 60°46′ |
| 71 | 9-18[1] | 8s,91 G | 12″,0 G |
| | 10-14 | 8,73 G | |

[1] 𝒜 diminuée de 1m : c'est à tort que l'on a augmenté de 1m le passage observé inscrit au Volume des *Obs.* de 1871.

| Dates 1800+ A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| **31311 P. — 42902 L.** | | | |
| | | III. | |
| | | 21h53m | 46°27′ |
| 72 | 9-26 | 21s,92 M | 2″,0 M |
| 74 | 9-12 | 21,77 G | 1,2 G |
| 75 | 8-26 | 21,71 G | |
| **31312 P. — 42882 L.** | | | |
| | | I. | |
| | | 21h51m | 73°36′ |
| 40 | 9-21 | 57s,18 G | |
| | 10- 6 | | 46″,4 F |
| | | II. | |
| | | 21h52m | 73°32′ |
| 56 | 11-12 | | 30″,7 G |
| 57 | 7-12 | 39s,80 G | |
| | 7-29[1] | 40,14 G | |
| | 9-13 | 40,06 G | 29,1 G |
| | 9-20 | 40,05 G | 29,8 G |
| | 10- 3 | 39,85 G | 29,5 G |
| | 10-20 | 39,90 G | 31,0 G |

[1] 𝒜 augmenté de 1h et en outre de 0s,10 pour le changement de C′p.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|

**31313 P. — 42875 à 77 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | $21^h51^m$ | 80°9' |
| 40 9-12 | 54$^s$,55 G | |
| II. | $21^h52^m$ | 80°5' |
| 56 8-31 | 38$^s$,65 G | 30",5 G |
| 58 11-4 | | 31,3 G |
| III. | $21^h53^m$ | 80°1' |
| 71 9-4 | 23$^s$,00 M | 16",7 M |
| 9-18 | 22,95 M | 15,8 M |

**31314 P. — 42865 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | $21^h51^m$ | 108°7' |
| 49 9-8 | 48$^s$,56 G | |
| II. | $21^h52^m$ | 108°3' |
| 54 8-29 | 37$^s$,90 G | 19",9 G |
| 67 9-21 | 38,03 M | 19,0 M |
| III. | $21^h53^m$ | 107°59' |
| 78 10-17 | 27$^s$,50 M | 2",7 M |

**31315 P. — 42888 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $21^h52^m$ | 75°0' |
| 56 9-15 | 46$^s$,04 G | |
| 58 9-27 | | 25",5 G |
| 10-2 | | 24,9 G |
| III. | $21^h53^m$ | 74°56' |
| 71 9-12 | 29$^s$,31 G | |
| 9-14 | 29,35 G | |
| 9-15[1] | 29,19 M | 10",2 M |
| 9-15 | 29,38 G | 8,3 G |

[1] 𝒜 augmentée de $1^m$ : err. de transcr.

**31316 P. — 42897 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $21^h52^m$ | 58°11' |
| 67 8-31 | 49$^s$,63 G | 4",4 G |
| III. | $21^h53^m$ | 58°6' |
| 74 8-19 | 29$^s$,38 M | 48",7 M |
| 8-20 | 29,43 M | 49,4 M |

**31317 P. — 43024 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | $21^h53^m$ | 11°10' |
| 48 11-14 | | 58",8 G |
| 52 2-6 I | | 58,4 G |
| 53 7-19 | 46$^s$,87 G | |
| 10-24 | 46,90 G | |
| 10-25 | 47,09 G | |

**31317 P. (suite).**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $21^h53^m$ | 11°6' |
| 51 1-24 I | 39$^s$,13 G | |

**31318 P. — 42866 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $21^h52^m$ | 111°29' |
| 55 9-23 | 43$^s$,53 G | 17",6 G |
| III. | $21^h53^m$ | 111°25' |
| 79 10-4 | 33$^s$,70 M | 1",5 M |

**31319 P. — 42903 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $21^h52^m$ | 52°44' |
| 67 10-28 | | 36",2 G |
| III. | $21^h53^m$ | 52°40' |
| 80 9-4 | 35$^s$,90 J | 24",3 J |
| 9-5 | 35,88 J | 23,6 J |
| 9-9 | 36,01 J | 24,6 J |

**31320 P. — 42879 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | $21^h52^m$ | 89°48' |
| 40 10-31 | 4$^s$,10 G | |
| 11-6 | 3,78 G | |
| II. | $21^h52^m$ | 89°44' |
| 55 9-27 | 50$^s$,36 G | 41",6 G |
| 61 9-5 | | 40,1 G |
| 9-7 | 50,21 G | 39,5 G |
| III. | $21^h53^m$ | 89°40' |
| 72 10-15 | 36$^s$,40 G | |
| 74 9-9 | 36,42 G | |
| 9-17 | 36,34 M | 22",6 M |
| 9-30 | 36,41 M | 22,5 M |
| 10-7 | 36,39 M | 22,7 M |
| 10-8 | 36,45 M | 22,1 M |
| 75 9-4 | 36,31 M | 22,4 M |
| 9-15 | 36,55 M | 21,8 M |
| 10-6 | 36,43 M | 22,3 M |
| 10-12 | 36,45 M | 23,3 M |
| 10-16 | 36,56 M | 22,2 M |

**31321 P. — 42864 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | $21^h51^m$ | 119°11' |
| 39 8-23 | 55$^s$,15 G | 37",4 F |
| 9-18 | 54,95 G | |
| 11-28 | 55,29 G | |
| 40 10-30 | 55,32 G | |
| 46 8-10 | 55,05 G | |
| 9-10 | 55,14 G | |
| 47 7-9 | 55,18 G | |
| 48 8-28 | | 40,6 G |
| 49 8-25 | 55,36 G | |
| 8-26 | 55,01 G | |
| 50 9-18 | 55,15 G | |
| 53 8-24 | 55,20 G | |

**31321 P. (suite).**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $21^h52^m$ | 119°7' |
| 54 8-20 | 47$^s$,15 G | |
| 55 9-25 | 47,22 G | |
| 58 10-30 | | 23",9 G |
| 11-10 | | 27,0 F |
| III. | $21^h53^m$ | 119°3' |
| 80 9-5 | 39$^s$,08 M | 11",1 M |
| 81 8-18 | 39,16 M | 9,6 M |

**31322 P. — 42873 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $21^h52^m$ | 101°9' |
| 54 8-31 | 50$^s$,92 G | |
| 60 11-3 | 50,99 G | 39",7 G |
| 61 8-29 | 51,19 G | 40,2 G |
| III. | $21^h53^m$ | 101°5' |
| 78 8-30 | 39$^s$,45 G | |

**31323 P. — 42868-69 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $21^h52^m$ | 113°57' |
| 55 9-24 | 49$^s$,57 G | |
| 58 8-5 | | 47",6 G |
| III. | $21^h53^m$ | 113°53' |
| 80 9-14 | 40$^s$,67 M | 30",7 M |
| 81 10-1 | 40,42 M | 36,9 M |

**31324 P. — 42904 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $21^h53^m$ | 57°2' |
| 67 9-11 | | 14",3 G |
| III. | $21^h53^m$ | 56°57' |
| 68 10-7 | 43$^s$,66 G | 58",1 G |
| 10-8 | 43,73 G | 57,4 G |
| 69 9-17 | 43,74 M | 58,2 M |
| 10-9 | 43,86 M | 58,7 M |

**31325 P. — 42911 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $21^h53^m$ | 48°58' |
| 66 8-18 | 10$^s$,69 G | |
| 67 10-1 | 10,38 M | 18",5 M |
| 10-5 | 10,34 M | 15,9 M |

**31326 P. — 42905-06 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $21^h53^m$ | 60°47' |
| 58 8-30 | 8$^s$,83 G | |
| 59 10-1 | 9,20 G | |
| 10-2 | 9,12 G | |
| 10-22 | 9,16 G | |

**31326 P. (suite).**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | $21^h53^m$ | 60°42' |
| 79 9-16 | 48$^s$,93 J | 47",2 J |
| 9-18 | 49,13 G | 45,9 G |
| 80 9-3 | 48,99 M | 46,5 M |
| 81 9-15 | 49,00 M | 46,3 M |

**31327 P. — 42880 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $21^h53^m$ | 104°50' |
| 54 9-4[1] | 2$^s$,34 G | |
| 60 8-16 | 2,59 G | 1",7 F |
| 10-3 | 2,60 G | 1,3 G |
| 10-4 | 2,60 G | 3,2 G |
| 62 8-12 | 2,57 G | 2,4 G |

[1] 𝒜 augmentée de $0^s,20$ : erreur de $1^s$ sur un fil.

**31328 P. — 23157, 58 et 60 A.O.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | $21^h52^m$ | 34°9' |
| 48 11-22 | 51$^s$,30 G | |

**31329 P. — 42881 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $21^h53^m$ | 104°24' |
| 54 9-2 | 3$^s$,84 G | |
| 60 10-22 | 3,97 G | |
| 61 8-31 | 3,67 G | 57",0 G |
| 9-3 | 3,80 G | 57,5 G |
| 10-14 | 3,73 G | 55,8 G |
| 10-15[1] | 4,00 G | 57,0 G |
| III. | $21^h53^m$ | 104°20' |
| 78 9-11 | 52$^s$,58 M | 40",8 M |
| 11-9 | 52,66 M | 41,4 M |

[1] 𝒜 dim. de $0^s,20$ : erreur de $1^s$ sur un fil.

**31330 P. — 42894 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | $21^h52^m$ | 84°1' |
| 39 9-7 | 23$^s$,37 G | 21",7 F |
| 9-9 | | 21,6 F |
| 9-10 | | 23,9 F |
| 9-13 | 23,24 G | 21,0 F |
| 40 8-20 | | 21,5 F |
| 9-10 | 23,27 G | |
| 10-8 | 23,23 G | |
| 41 9-11 | 23,49 G | 21,9 F |
| 46 8-8 | 23,41 G | |
| 8-23 | 23,18 G | |
| 8-29 | | 24,2 G |
| 9-11 | 23,22 G | |
| 47 7-12 | 23,29 G | |
| 7-29 | 23,45 G | |
| 8-12 | 23,09 G | |
| 10-18 | | 22,3 G |
| 48 8-5 | 23,22 G | 23,2 G |
| 9-19 | 23,35 G | |
| 9-20 | 23,31 G | |
| 9-21 | 23,34 G | |

**31330 P. (suite).**

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 21h 52m | 84° 1′ |
| 48 10-13 | 23s,31 G | |
| 11-25 | | 22″,5 G |
| 52 12-10 | 23,30 G | |
| | II. | |
| | 21h 53m | 83° 57′ |
| 56 8- 9 | 8s,26 G | |
| 9- 6 | | 7″,5 G |
| 57 9-19 | 8,37 G | |
| 9-22 | 8,04 G | 7,7 G |
| 11- 4 | 8,02 G | |

**31331 P. — 42910 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 21h 53m | 56° 24′ |
| 80 9-14 | 55s,06 J | 59″,3 J |
| 9-26 | 55,01 J | 60,1 J |

**31332 P. — 1231 W₁.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 21h 52m | 98° 16′ |
| 47 12- 1 | 21s,89 G | |
| | II. | |
| | 21h 53m | 98° 12′ |
| 55 8-22[1] | 9s,14 G | |
| 57 9-18 | | 13″,0 G |
| 9-29 | 9,11 G | |
| 10-24 | | 11,9 G |

[1] 𝒜 augmentée de 1m.

**31333 P. — 42891 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 21h 53m | 99° 7′ |
| 74 8-19 | 57s,33 G | 25″,1 G |
| 76 10-14 | 57,30 M | 26,7 M |
| 10-16 | 57,36 M | 28,4 M |

**31334 P. — 13078 Cambridge.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 53m | 60° 40′ |
| 58 8-30 | 18s,74 G | |

**31335 P. — 42939 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 21h 51m | 66° 39′ |
| 79 9-28 | 2s,68 G | 21″,8 G |

**31336 P. — 42895 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 53m | 97° 6′ |
| 55 9-15 | 18s,22 G | 10″,8 G |
| | III. | |
| | 21h 54m | 97° 1′ |
| 68 10- 8 | 5s,52 M | 52″,3 M |
| 69 8-27 | 5,59 M | 53,4 M |

**31337 P. — 42923 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 53m | 48° 42′ |
| 67 10- 3 | 29s,05 M | 32″,6 M |
| | III. | |
| | 21h 54m | 48° 38′ |
| 79 10- 4 | 5s,81 G | 18″,8 G |

**31338 P. — 42887 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 53m | 115° 40′ |
| 57 8-12 | 16s,90 G | |
| 9-27 | 16,59 G | |
| 59 10-22 | | 44″,4 G |
| | III. | |
| | 21h 54m | 115° 36′ |
| 79 10-12 | 8s,09 G | |

**31339 P. — 42912 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 53m | 65° 21′ |
| 58 11-10 | | 53″,0 G |
| 11-11 | 29s,48 G | 53,6 G |
| 60 10- 9 | 29,40 G | 54,4 G |
| 61 10-28 | 29,15 G | |

**31340 P. — 42922 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 21h 54m | 52° 37′ |
| 68 10-20 | 11s,40 G | 20″,2 G |
| 10-22 | 11,42 G | 18,5 G |

**31341 P. — 42907 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 53m | 87° 52′ |
| 56 9-26 | 34s,53 G | 40″,6 G |
| | III. | |
| | 21h 54m | 87° 48′ |
| 71 9-12 | 20s,27 M | 24″,9 M |

**31342 P. — 42898 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 21h 52m | 103° 45′ |
| 46 9-12 | 43s,48 G | |
| | II. | |
| | 21h 53m | 103° 41′ |
| 54 9-16 | 32s,13 G | |
| 9-20 | 32,18 G | 34″,6 G |
| 59 9- 7 | 32,08 G | 34,6 G |

**31343 P. — 1309 W₂.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 21h 52m | 68° 42′ |
| 40 9-29 | 58s,57 G | |
| 9-30 | 58,75 G | |

**31344 P. — 42921 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 53m | 63° 53′ |
| 58 8- 7 | 43s,82 G | |
| 10- 2 | 44,00 G | |
| 59 9- 1 | 43,96 G | |
| 60 10-24 | 43,88 G | 10″,4 G |
| | III. | |
| | 21h 54m | 63° 48′ |
| 71 8-29 | 24s,99 M | 54″,1 M |
| 10-12 | 24,68 G | |
| 10-15 | 24,79 G | 53,9 G |

**31345 P. — 42899 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 53m | 108° 11′ |
| 54 9-25 | 37s,91 G | 9″,9 G |
| | III. | |
| | 21h 54m | 108° 6′ |
| 78 9-30 | 27s,42 M | 55″,2 M |
| 10- 4 | 27,36 M | 54,1 M |

**31346 P. — 4601 A + 31°.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 21h 53m | 58° 11′ |
| 46 7-23 | 12s,16 G | |

**31347 P. — 42900 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 53m | 115° 32′ |
| 58 10-31 | 45s,37 G | |
| 61 10-19[1] | 45,58 G | 10″,9 G |
| | III. | |
| | 21h 54m | 115° 27′ |
| 79 9- 3 | 36s,47 M | 56″,1 M |

[1] 𝒜 diminuée de 3s : err. de réduct.

**31348 P. — 42914 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 21h 53m | 82° 53′ |
| 40 8-20 | | 21″,1 F |
| | II. | |
| | 21h 53m | 82° 49′ |
| 55 10-31 | 53s,10 G | 2″,6 G |
| 57 9-24 | | 4,0 G |
| | III. | |
| | 21h 54m | 82° 44′ |
| 71 9- 9 | 37s,90 M | 46″,7 M |

**31349 P. — 42933 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 54m | 57° 14′ |
| 59 11-23 | | 50″,1 G |
| 61 10-26 | 1s,34 G | 49,7 G |
| 62 9-13 | 1,39 G | 48,4 G |

**31350 P. — 42908 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 53m | 104° 59′ |
| 54 9-26 | 51s,81 G | 46″,2 G |
| | III. | |
| | 21h 54m | 104° 55′ |
| 78 9-28 | 40s,46 M | 29″,9 M |
| 10-15 | 40,68 M | 29,6 M |

**31351 P. — 42913 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 21h 53m | 90° 8′ |
| 39 8-24 | 9s,03 G | 12″,1 F |
| 9- 9 | 9,19 G | 11,6 F |
| 46 8-18 | | 14,2 G |
| 47 8-14 | 9,06 G | |
| 8-16 | 9,05 G | |
| 10- 8 | | 12,2 G |
| 48 9- 4 | | 11,9 G |
| 9-13 | 9,16 G | |
| 10- 8 | 8,90 G | 14,0 G |
| 49 12- 1 | 9,09 G | |
| 50 8-12 | 8,99 G | |
| 52 11- 3 | 8,94 G | |
| 12-11 | 8,96 G | |
| 12-12 | 9,10 G | |
| | II. | |
| | 21h 53m | 90° 3′ |
| 55 8- 9 | 55s,00 G | 54″,4 G |
| 57 8-11 | 55,09 G | |
| 8-16 | 55,13 G | |
| 10-16 | 55,10 G | 56,6 G |
| 58 9- 5 | 55,03 G | 55,4 G |
| 9- 9 | | 55,3 F |
| 59 10- 5 | | 56,9 G |
| 65 9-20 | 55,40 M | 56,8 M |

**31352 P. — 42920 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 53m | 83° 13′ |
| 56 8- 5 | 57s,55 G | |
| 10-21 | | 22″,7 G |
| | III. | |
| | 21h 54m | 83° 9′ |
| 71 9-13 | 42s,71 M | 5″,0 M |

**31353 P. — 42909 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 53m | 106° 16′ |
| 57 9- 6 | | 58″,9 G |
| 9- 9 | | 59,2 G |

### 31353 P. (suite).

| Dates 1800 + A. | M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $21^h54^m$ | 106°12' |
| 79 | 8-25 | $44^s$,21 J | 42",6 J |
| | 8-26 | 44,06 J | 42,1 J |

### 31354 P. — 1325-26 W$_2$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $21^h54^m$ | 57°10' |
| 61 | 10-26 | $5^s$,80 G | 49",2 G |

### 31355 P. — 13090 Cambridge.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $21^h54^m$ | 60°48' |
| 58 | 10-15[1] | $7^s$,40 G | |
| 59 | 9-23 | 7,46 G | |
| | 9-24[2] | 7,27 G | |
| | 10- 2 | 7,64 G | |
| | 10-22[3] | 6,97 G | |

1 𝒜 augmentée de 1$^s$ : erreur de moy.
2 𝒜 augmentée de 1$^s$ : erreur de réduct.
3 𝒜 non comprise dans la moyenne.

### 31356 P. — 9811 Brux.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $21^h54^m$ | 66°45' |
| 58 | 10-16 | $7^s$,18 G | 41",8 G |

### 31357 P. — 42940 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $21^h54^m$ | 55°58' |
| 74 | 8-21 | $50^s$,91 M | 10",2 M |
| | 9-15 | 50,73 G | 10,3 G |
| | 9-30 | | 7,8 G |
| | 10- 7 | | 10,3 G |
| | 10-16 | 50,88 M | 10,5 M |
| 75 | 8-17 | 50,95 G | 8,1 G |

### 31358 P. — 42931 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $21^h53^m$ | 75°28' |
| 43 | 9-29 | | 46",9 F |
| | | II. | |
| | | $21^h54^m$ | 75°24' |
| 58 | 8- 3 | $9^s$,14 G | 32",2 G |
| | 8-11 | 9,18 G | |
| | 8-16 | | 32,7 G |
| | 9- 8 | | 32,1 F |
| | 10- 4 | | 32,4 G |
| | 10- 8 | | 32,8 G |
| | 10-12 | 9,36 G | |
| 59 | 8-29 | 9,13 G | 31,6 G |

### 31359 P. — 42948 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $21^h54^m$ | 45°37' |
| 80 | 8-27 | $53^s$,41 G | 41",6 G |
| | 8-29[1] | 53,09 G | 42,9 G |
| | 9- 5 | 53,35 G | 40,6 G |
| 81 | 10- 5 | 53,36 G | 42,9 G |
| | 10-18 | 53,33 G | |

1 𝒜 augm. de 0$^s$,20 : err. de 1$^s$ sur un fil.

### 31360 P. — 42953 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $21^h54^m$ | 41°28' |
| 81 | 9-28 | | 30",1 G |

### 31361 P. — 13092 Cambridge.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $21^h54^m$ | 60°43' |
| 58 | 10-15[1] | $15^s$,62 G | |

1 𝒜 augm. de 1$^s$,20 : erreur de moy.

### 31362 P. — 42929 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $21^h53^m$ | 82°29' |
| 39 | 9- 1 | $27^s$,40 G | 5",7 F |
| | 9-18 | 27,66 G | |
| 40 | 9-12 | 27,60 G | |
| | 9-16 | 27,69 G | |
| 46 | 8-22 | | 6,0 G |
| | 8-23 | | 6,5 G |
| | 9- 5 | 27,66 G | |
| 47 | 9-14[1] | 27,63 G | |
| | 9-22 | 27,43 G | 7,2 G |
| 48 | 8-29 | | 6,8 G |
| | 9- 2 | | 6,2 G |
| 49 | 8-31 | 27,32 G | |
| 50 | 9- 7 | 27,60 G | |
| | 9- 9 | 27,69 G | |
| | | II. | |
| | | $21^h54^m$ | 82°24' |
| 55 | 9-28 | $12^s$,22 G | 50",1 G |
| | 10-20 | 12,50 G | 49,8 G |
| 56 | 9- 2 | | 49,7 G |
| 57 | 10-12 | 12,24 G | 50,7 G |
| 61 | 11-17[2] | 12,32 G | |

1 𝒜 augmentée de 2$^m$.
2 𝒜 augm. de 0$^s$,40 : erreur de 1$^s$ sur les deux derniers fils.

### 31363 P. — 42943 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $21^h54^m$ | 57°40' |
| 58 | 11- 8 | $17^s$,80 G | 1",3 G |
| 60 | 11-12 | 17,44 G | |
| 66 | 9- 5 | 17,80 G | |
| | | III. | |
| | | $21^h54^m$ | 57°35' |
| 73 | 9-19 | 5 $^s$,16 M | 43",0 M |

### 31364 P. — 42915 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $21^h54^m$ | 102°39' |
| 58 | 8-15 | | 45",2 G |
| | 9- 9 | $8^s$,89 G | 45,7 G |
| | 9-11 | | 45,0 G |
| | 9-13 | | 46,0 G |
| 60 | 9-20 | 8,90 G | 46,8 G |
| 61 | 8-30 | 9,07 G | 44,6 G |
| | 9-25 | 9,13 G | 46,0 G |
| | | III. | |
| | | $21^h54^m$ | 102°35' |
| 78 | 10-16 | $57^s$,58 M | 28",4 M |

### 31365 P. — 42946 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $21^h54^m$ | 102°39' |
| 61 | 8-30 | | 53",9 G |
| | 9-25 | | 56,1 G |

### 31366 P. — 9756 Rümker.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $21^h54^m$ | 75°29' |
| 58 | 8- 3 | $15^s$,59 G | |

### 31367 P. — 42932 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $21^h53^m$ | 77°37' |
| 37 | 8- 8 | $32^s$,12 G | 12",7 F |
| | 8-10 | 32,41 G | 12,1 F |
| | 8-23 | 32,35 G | |
| | 8-25 | 32,42 G | |
| | 8-27 | 32,38 G | |
| | 8-29 | 32,32 G | |
| | 9- 8 | 32,16 G | |
| | 9- 9 | 32,21 G | |
| | 9-11 | 32,32 G | 10,9 F |
| | 9-20 | 32,32 G | |
| | 9-27[1] | 32,33 G | 11,8 F |
| | 9-28 | 32,29 G | |
| | 9-29 | 32,31 G | |
| | 10- 1 | 32,23 G | |
| | 10- 3 | 32,27 G | |
| | 10- 4[1] | 32,26 G | 11,4 F |
| | 10-12 | 32,22 G | |
| | 10-25 | 32,35 G | |
| | 11- 6 | 32,40 G | |
| 38 | 8-15 | 32,28 G | 10,8 F |
| | 8-20 | 32,31 G | |
| | 9- 6 | 32,17 G | |
| | 12-14 | 32,23 G | 11,7 F |
| 40 | 8-28 | 32,23 G | 12,2 F |
| | 8-30 | 32,42 G | |
| | 8-31 | 32,23 G | 11,5 F |
| | 9-21 | 32,13 G | 11,6 F |
| | 10- 4 | 32,29 G | |
| | 10- 6 | 32,33 G | 12,2 F |
| | 10-10 | 32,18 G | |
| | 10-12 | 32,23 G | |
| | 10-13 | 32,29 G | |
| 41 | 8-19[2] | | 10,9 F |
| | 8-27 | 32,18 G | |
| | 8-30 | 32,26 G | |
| 42 | 10- 3 | 32,19 G | |

### 31367 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $21^h53^m$ | 77°37' |
| 42 | 10- 5 | $32^s$,35 G | |
| | 10- 6 | 32,29 G | |
| | 10- 7 | 32,45 G | |
| | 10- 8 | 32,29 G | |
| | 10-11 | 32,30 G | |
| 45 | 9-24 | 32,37 G | |
| | 9-26 | 32,29 G | |
| 46 | 8-12 | 32,19 G | |
| | 9- 4 | 32,34 G | |
| 50 | 9- 7 | | 12",2 G |
| 53 | 11- 4 | 32,43 G | |
| | | II. | |
| | | $21^h54^m$ | 77°32' |
| 56 | 8-30 | | 57",2 G |
| | 9-14 | $15^s$,96 G | 54,9 G |
| | 10- 4 | 15,99 G | |
| | 12-14 | 16,25 G | |
| 57 | 7-10 | 16,21 G | |
| 58 | 10- 1 | 16,13 G | 55,7 G |
| | 10- 2 | | 57,5 G |
| 62 | 7-21 | 16,11 G | |
| | 7-25 | 16,28 G | |
| | 9- 5 | 16,16 G | |
| | 9-11 | 16,11 G | |
| 63 | 8- 1 | 16,04 G | |
| | 8- 7 | 16,17 G | |
| | 8-14 | 16,04 G | |
| | 8-25 | 16,04 G | |
| | 9- 1 | 16,08 M | |
| | 9-11 | 16,12 G | |
| | 9-12 | 16,19 G | |
| | 9-15 | 16,15 G | 57,5 G |
| | 9-18 | 16,24 G | |
| | 9-19 | 16,13 G | |
| | 9-27 | 16,06 G | 57,3 G |
| | 10- 9 | 16,13 G | |
| 64 | 8- 3 | 16,09 G | |
| | 8-27 | 16,12 G | |
| | 8-28 | 16,22 G | |
| | 9- 5 | 16,12 G | |
| | 9- 9 | 16,13 G | |
| | 9-12 | 16,14 G | |
| | 9-26 | 16,21 G | |
| | 9-29 | 16,11 G | |
| | 9-30 | 16,03 G | |
| | 10- 1 | 16,06 G | |
| | 10-17 | 16,09 G | |
| | 10-20 | | 58,3 G |
| 65 | 8-26 | | 57,5 G |
| | 8-30 | | 57,4 G |
| | 9- 1 | 16,07 G | |
| | 9- 2 | 16,18 G | |
| | 9- 5 | 16,15 G | |
| | 9- 6 | 15,99 G | |
| | 9- 7 | 16,15 G | |
| | 9- 8 | 16,26 G | |
| | 9-12 | 16,10 G | |
| | 9-13 | 16,02 G | |
| | 9-15 | | 57,8 G |
| | 9-16 | | 58,1 G |
| | 10- 5 | 16,06 G | |
| | 10- 6 | 16,17 G | |
| | 10- 7 | 16,10 G | |
| | 10-21 | 16,12 G | |
| | | III. | |
| | | $21^h54^m$ | 77°28' |
| 72 | 9- 1 | $59^s$,81 G | |
| | 9- 8 | 59,91 G | |

1 𝒫 diminuée de 5'.
2 𝒫 augm. de 3",4 : erreur de moy.

Dates 1800+ — Positions moyennes pour les époques du Catal.

### 31368 P. — 6421 Sf. — 17°.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | I. | |
| | 21$^h$53$^m$ | 107°30′ |
| 48 10-26 | 21$^s$,24 G | |

### 31369 P. — 42924-25 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | II. | |
| | 21$^h$54$^m$ | 96°53′ |
| 55 10- 5 | 14$^s$,22 G | 4″,4 G |
| 56 8- 3 | | 5,2 G |
| 10- 8 | | 5,7 G |
| 10-27 | 14,18 G | |
| | III. | |
| | 21$^h$55$^m$ | 96°48′ |
| 69 8-24 | 1$^s$,45 M | 48″,5 M |
| 79 9- 1 | 1,67 J | 48,9 J |
| 9- 3 | 1,55 J | 49,3 J |

### 31370 P.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | II. | |
| | 21$^h$54$^m$ | 85°46′ |
| 57 8-22 | 16$^s$,60 G | |

### 31371 P. — 42954 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | III. | |
| | 21$^h$55$^m$ | 46°2′ |
| 80 9-26 | 3$^s$,00 G | 48″,3 G |
| 9-27 | 2,91 G | 48,9 G |

### 31372 P. — 42950-51 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | III. | |
| | 21$^h$55$^m$ | 48°0′ |
| 80 9-16 | 3$^s$,79 G | 54″,9 G |
| 9-17 | 4,05 G | 54,1 G |
| 9-24 | 4,05 G | 54,7 G |

### 31373 P. — 42942 L

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | II. | |
| | 21$^h$54$^m$ | 68°48′ |
| 57 9-30 | 25$^s$,12 G | 13″,2 G |
| 58 9-30 | | 13,1 G |
| 10-29 | 25,14 G | |
| 11- 1 | 25,26 G | 11,9 G |
| 11- 4 | 25,20 G | 13,9 G |
| 11-12 | 25,25 G | |

### 31374 P. — 42928 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | III. | |
| | 21$^h$55$^m$ | 100°28′ |
| 81 10- 3 | 11$^s$,29 J | 32″,6 J |
| 10-10 | 10,94 J | 31,2 J |

### 31375 P. — 42917-18 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | II. | |
| | 21$^h$54$^m$ | 114°17′ |
| 58 8-28 | 20$^s$,49 G | 17″,9 G |
| 59 10-17 | | 20,1 G |
| 61 10-18 | 20,55 G | 17,6 G |

### 31376 P. — 2884 Br.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | I. | |
| | 21$^h$54$^m$ | 33°4′ |
| 46 8-12[1] | | 55″,1 G |
| 47 9-11 | | 56,4 G |
| 49 8-15 | 11$^s$,62 G | |
| 50 8-14 | | 57,3 G |
| 52 12-17 | 11,88 G | |

[1] ℘ diminuée de 5′.

### 31377 P. — 42947 L[1].

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | III. | |
| | 21$^h$55$^m$ | 59°8′ |
| 80 9-24 | 13$^s$,17 J | 54″,6 J |
| 9-27[2] | 12,78 J | 54,6 J |
| 9-30 | 12,83 J | 55,0 J |

[1] La distance polaire de Lalande doit être diminuée de 5′.
[2] Æ augm. de 0$^s$,04 : erreur de réduct.

### 31378 P. — 42945 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | II. | |
| | 21$^h$54$^m$ | 68°59′ |
| 58 8-10 | 32$^s$,67 G | 20″,2 G |
| 59 8-16 | 32,61 G | |
| | III. | |
| | 21$^h$55$^m$ | 68°55′ |
| 79 9- 8 | 14$^s$,77 J | 4″,9 J |

### 31379 P. — 42934 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | II. | |
| | 21$^h$54$^m$ | 91°47′ |
| 56 11- 3 | | 58″,3 G |
| 11- 6 | 31$^s$,88 G | 57,9 G |
| | III. | |
| | 21$^h$55$^m$ | 91°43′ |
| 78 9- 3 | 18$^s$,59 J | 42″,3 J |
| 9- 4 | 18,71 J | 41,9 J |
| 10- 2 | 18,69 J | 42,9 J |
| 10- 3 | 18,65 M | 43,9 M |
| 10-15 | 18,68 J | |

### 31380 P. — 42926-27 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | II. | |
| | 21$^h$54$^m$ | 108°34′ |
| 54 9-29 | | 24″,9 G |
| 60 8-25 | 29$^s$,31 G | |
| 61 8-18 | 29,28 G | |
| 10- 3 | 29,13 G | 25,7 G |
| 10- 5[1] | 29,11 G | 24,9 G |
| 10-20 | 29,16 G | 24,6 G |
| | III. | |
| | 21$^h$55$^m$ | 108°30′ |
| 78 8-21 | 18$^s$,91 G | 9″,4 G |

[1] Æ augmentée de 1$^m$ et diminuée de 0$^s$,30. (*Voir* 30809 P.)

### 31381 P. — 6156 Sf. — 12°.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | II. | |
| | 21$^h$54$^m$ | 102°39′ |
| 67 8-17 | 32$^s$,60 M | |

### 31382 P. — 42952 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | III. | |
| | 21$^h$55$^m$ | 59°3′ |
| 80 9-29 | 22$^s$,08 J | 54″,5 J |

### 31383 P. — 42941 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | II. | |
| | 21$^h$54$^m$ | 85°47′ |
| 56 9-27 | 37$^s$,71 G | |
| 10-25 | | 18″,0 G |
| 57 7-27 | 37,88 G | |
| 8- 2[1] | 37,72 G | 13,3 G |
| 8-20 | 37,55 G | |
| 8-21 | 37,88 G | |
| 10- 6[2] | 37,76 G | 2,0 G |

[1] ℘ augmentée de 10″ : erreur de réduction. Non comprise dans la moyenne.
[2] ℘ non comprise dans la moyenne.

### 31384 P. — 42937-38 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | II. | |
| | 21$^h$54$^m$ | 99°57′ |
| 54 9-19 | 41$^s$,02 G | |
| 60 10-17 | 41,20 G | 15″,5 G |
| | III. | |
| | 21$^h$55$^m$ | 99°52′ |
| 76 10- 6 | 29$^s$,15 M | 58″,5 M |
| 78 8-21 | 29,09 M | 57,7 M |

### 31385 P. — 42955 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | II. | |
| | 21$^h$54$^m$ | 63°50′ |
| 58 8- 8 | 48$^s$,52 G | 29″,4 G |
| 60 10-24 | 48,38 G | 28,9 G |
| | III. | |
| | 21$^h$55$^m$ | 63°46′ |
| 71 9-17 | 29$^s$,39 G | 11″,5 G |
| 10-17 | 29,25 G | 11,1 G |

### 31386 P. — 42930 L

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | II. | |
| | 21$^h$54$^m$ | 118°2′ |
| 59 10-22 | | 22″,0 G |
| 60 10-29 | 41$^s$,76 G | |
| 61 9-19 | | 24,5 G |
| | III. | |
| | 21$^h$55$^m$ | 117°58′ |
| 79 9-10 | 33$^s$,25 J | 3″,8 J |

### 31387 P. — 42971 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | III. | |
| | 21$^h$55$^m$ | 46°29′ |
| 80 9-30 | 33$^s$,80 G | 39″,7 G |
| 10- 9 | | 39,8 G |
| 10-12 | 33,63 G | |
| 81 9-29 | 33,70 G | 39,4 G |
| 10-17 | 33,76 G | 40,1 G |

### 31388 P. — 42946 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | II. | |
| | 21$^h$54$^m$ | 85°53′ |
| 56 9- 1 | 50$^s$,34 G | |
| 10-22 | | 51″,8 G |
| 57 8- 6 | | 50,2 G |
| 8-21 | 50,62 G | |
| 10-15 | 50,68 G | 53,5 G |

### 31389 P. — 42935-36 L. (la 1re).

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | I. | |
| | 21$^h$53$^m$ | 107°42′ |
| 39 9-13[1] | 57$^s$,09 G | |
| 46 8- 8[1] | 57,34 G | |
| 47 10- 3[2] | | 34″,5 G |
| 48 8-20[2] | | 36,4 G |
| 50 8-14[3] | 57,19 G | |
| 9- 2[3] | 57,04 G | |

[1] Pas d'indication sur la composante observée.
[2] La plus australe.
[3] La 2e ?

### 31390 P. — 42935-36 L. (la 2 ).

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | I. | |
| | 21$^h$53$^m$ | 107°42′ |
| 39 9-10[1] | | 29″,7 F |
| 9-11[2] | | 31,8 F |
| 9-13[1] | | 28,6 F |
| 46 8-30[2] | | 30,3 G |
| 48 9-18[1] | 57$^s$,64 G | |
| 49 8- 6[2] | 57,64 G | |
| 50 9- 4[1] | | 30,2 G |
| 52 8-31[1] | 57,44 G | |
| 9- 1[1] | 57,56 G | |
| 9- 3[2] | 57,45 G | |

[1] Pas d'indication sur la composante observée.
[2] La 2e.

### 31391 P. — 42977 L.

| A. M. J. | Æ. | ℘. |
|---|---|---|
| | III. | |
| | 21$^h$55$^m$ | 41°32′ |
| 81 8-23 | 36$^s$,92 G | 53″,7 G |
| 9-16 | 36,34 G | 49,1 G |
| 9-28 | 36,73 G | |
| 9-30 | 36,64 G | 52,8 G |

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. Æ. | 𝔇. |
|---|---|---|

**31392 P. — 42965 L.**

| | III. $21^h 55^m$ | $51°4'$ |
|---|---|---|
| 68 10-10 | 37$^s$,79 G | 26″,8 G |
| 74 9- 9 | 37,74 M | 27,1 M |
| 10- 3 | 37,81 M | 26,1 M |
| 10-12 | 37,74 M | 26,3 M |
| 76 8-25 | 37,88 M | 26,6 M |

**31393 P. — 1359 $W_2$.**

| | III. $21^h 55^m$ | $54°38'$ |
|---|---|---|
| 81 9- 4 | | 17″,2 J |
| 9-28 | 38$^s$,08 J | 17,3 J |

**31394 P.**

| | II. $21^h 54^m$ | $85°54'$ |
|---|---|---|
| 57 10-15 | 52$^s$,80 G | |

**31395 P. — 1355 $W_2$.**

| | II. $21^h 54^m$ | $63°45'$ |
|---|---|---|
| 58 8- 8 | 59$^s$,64 G | |

**31396 P. — 42949 L.**

| | III. $21^h 55^m$ | $86°7'$ |
|---|---|---|
| 71 9- 4 | 44$^s$,38 M | 55″,3 M |
| 9-16 | 44,45 M | 55,4 M |
| 9-18 | 44,56 M | 54,0 M |

**31397 P. — 42962 L.**

| | II. $21^h 55^m$ | $66°6'$ |
|---|---|---|
| 58 11- 2 | 6$^s$,72 G | 29″,5 G |
| 11- 7 | 6,72 G | 27,2 G |
| | III. $21^h 55^m$ | $66°2'$ |
| 71 10-14 | 48$^s$,16 G | 9″,9 G |

**31398 P. — 42970 L.**

| | III. $21^h 55^m$ | $57°25'$ |
|---|---|---|
| 80 9- 4 | 50$^s$,52 J | 51″,2 J |
| 9- 5 | 50,61 J | 50,6 J |
| 10- 1 | 50,51 J | 50,8 J |
| 81 10-17 | 50,46 J | 52,4 J |

**31399 P. — 42974 L.**

| | II. $21^h 55^m$ | $51°25'$ |
|---|---|---|
| 67 8-31 | | 31″,9 G |

**31399 P. (suite).**

| | III. $21^h 55^m$ | $51°21'$ |
|---|---|---|
| 79 10- 4 | 50$^s$,65 J | 15″,2 J |
| 10- 7 | 50,51 J | 15,9 J |

**31400 P. — 42979-80 L.**

| | III. $21^h 55^m$ | $46°57'$ |
|---|---|---|
| 80 10-18 | 50$^s$,80 G | 52″,7 G |
| 81 9-15 | 51,33 G | 52,3 G |

**31401 P. — 42957-58 L.**

| | I. $21^h 54^m$ | $79°46'$ |
|---|---|---|
| 40 10- 8 | 24$^s$,54 G | |
| 44 9-27 | 24,45 G | |
| | II. $21^h 55^m$ | $79°41'$ |
| 56 8- 7 | 8$^s$,59 G | |
| 8-13 | 8,73 G | 57″,1 G |
| 9-20 | 8,50 G | 56,9 G |
| 57 10-13 | 8,57 G | 56,2 G |

**31402 P. — 42975 L.**

| | II. $21^h 55^m$ | $54°14'$ |
|---|---|---|
| 59 11-23 | | 23″,3 G |
| 62 9-12 | 18$^s$,12 G | 20,2 G |
| | III. $21^h 55^m$ | $54°10'$ |
| 68 10- 7 | 56$^s$,70 G | 3″,6 G |
| 10- 8 | 56,69 G | 2,6 G |

**31403 P. — 42961 L.**

| | II. $21^h 55^m$ | $79°6'$ |
|---|---|---|
| 56 9-15 | 14$^s$,39 G | |
| 9-16 | 14,24 G | 22″,3 G |
| 57 10-20 | 14,44 G | 22,3 G |

**31404 P. — 42972 L.**

| | II. $21^h 55^m$ | $64°17'$ |
|---|---|---|
| 58 8- 6 | 19$^s$,05 G | |
| 8-24 | 19,06 G | 42″,7 G |
| 59 11-13 | | 42,4 G |

**31405 P. — 42944 L.**

| | I. $21^h 54^m$ | $117°47'$ |
|---|---|---|
| 39 8-20 | 18$^s$,43 G | |

**31406 P. — 42956 L.**

| | II. $21^h 55^m$ | $99°33'$ |
|---|---|---|
| 55 8-22 | 17$^s$,00 G | |
| 57 8- 7 | 16,81 G | 29″,0 G |
| 8-10 | | 28,5 G |
| 8-11 [1] | | 28,8 G |
| 9-15 | | 31,3 G |
| 10-22 | | 29,5 G |

[1] 𝔇 diminuée de 1′.

**31407 P. — 42959 L.**

| | I. $21^h 54^m$ | $91°39'$ |
|---|---|---|
| 40 10-31 | 34$^s$,07 G | |
| 11- 6 | 34,12 G | |
| | II. $21^h 55^m$ | $91°35'$ |
| 55 9-26 | 20$^s$,59 G | 31″,1 G |
| | III. $21^h 56^m$ | $91°31'$ |
| 76 10- 7 | 6$^s$,88 G | 14″,2 G |
| 10-14 | 6,89 G | 13,3 G |
| 77 9- 4 | 6,88 G | 14,4 G |
| 78 9- 2 | 6,93 J | 12,7 J |

**31408 P. — 4452 A + 23°.**

| | II. $21^h 55^m$ | $66°47'$ |
|---|---|---|
| 58 9-19 | 26$^s$,03 G | |

**31409 P. — 42996 L.**

| | III. $21^h 56^m$ | $42°24'$ |
|---|---|---|
| 72 9-25 | 10$^s$,51 M | 57″,6 M |
| 74 9-18 | 10,48 G | 58,8 G |
| 75 8-26 | 10,53 G | |

**31410 P. — 3667 Gr.**

| | I. $21^h 56^m$ | $10°25'$ |
|---|---|---|
| 53 9-24 | 33$^s$,47 G | |
| 10-12 | 33,73 G | |
| 10-13 | 34,23 G | |
| 10-23 | 34,11 G | |

**31411 P. — 42960 L.**

| | II. $21^h 55^m$ | $98°6'$ |
|---|---|---|
| 56 8- 4 | 27$^s$,02 G | |
| 10- 8 | 27,00 G | |
| 58 8-12 | 27,09 G | 42″,9 G |
| 9- 8 | 26,96 G | 43,7 G |
| 9-13 | | 44,6 F |
| 60 8-17 | 27,26 G | 42,8 F |
| 61 8-29 | 26,87 G | 43,7 G |
| 8-31 | 27,03 G | 45,1 G |

**31411 P. (suite).**

| | III. $21^h 56^m$ | $98°2'$ |
|---|---|---|
| 79 9- 8 | 14$^s$,62 M | 26″,8 M |
| 9-10 | 14,48 M | 26,1 M |
| 80 9-10 | 14,66 J | 27,0 J |

**31412 P. — 42973 L.**

| | I. $21^h 54^m$ | $79°22'$ |
|---|---|---|
| 41 8-30 | 53$^s$,12 G | |
| | II. $21^h 55^m$ | $79°18'$ |
| 56 8-14 | 37$^s$,43 G | 16″,6 G |
| 58 8-26 | 37,43 G | 17,2 G |
| 9-12 [1] | | 17,3 G |

[1] 𝔇 augmentée de 1′.

**31413 P. — 42963-64 L.**

| | II. $21^h 55^m$ | $99°10'$ |
|---|---|---|
| 55 10- 2 | 35$^s$,89 G | 25″,4 G |
| | III. $21^h 56^m$ | $99°6'$ |
| 74 8-19 | 23$^s$,62 G | 7″,9 G |

**31414 P. — 42976 L.**

| | I. $21^h 54^m$ | $82°13'$ |
|---|---|---|
| 40 8-20 | | 43″,8 F |
| 8-28 | 57$^s$,96 G | |
| 43 11-29 | 57,68 G | |
| | II. $21^h 55^m$ | $82°9'$ |
| 56 8- 9 | 42$^s$,58 G | |
| 58 8-27 | | 27″,1 G |
| 9-28 | 42,64 G | 26,7 G |

**31415 P. — 43000 L.**

| | II. $21^h 55^m$ | $51°28'$ |
|---|---|---|
| 67 8-31 | 52$^s$,12 G | |
| | III. $21^h 56^m$ | $51°23'$ |
| 79 8-31 | 30$^s$,20 G | 46″,3 G |
| 9- 3 | 30,20 G | 47,9 G |

**31416 P. — 43003 L.**

| | III. $21^h 56^m$ | $49°3'$ |
|---|---|---|
| 80 9- 4 | 32$^s$,64 G | 42″,5 G |
| 9- 9 | | 40,1 G |
| 81 10- 4 | 32,87 G | 43,2 G |

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. Æ. | D. |
|---|---|---|

**31417 P. — 42986 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 21h 55m | 72° 13' |
| 57 9-20 | 52s,23 G | 56",7 G |
| 10- 3 | 52,14 G | 57,2 G |
| 58 11- 3 | 52,06 G | |

**31418 P. — 42969 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 21h 55m | 105° 37' |
| 54 8-25 | | 32",1 G |
| 8-27 | 47s,08 G | |
| 59 10-17 | 47,13 G | |
| 67 9-21 | 47,19 M | 32,5 M |
| | III. | |
| | 21h 56m | 105° 33' |
| 78 10-17 | 36s,06 M | 16",2 M |

**31419 P. — 43014 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 21h 56m | 42° 18' |
| 72 9-20 | 37s,06 M | 10",5 M |
| 74 10- 8 | 37,11 M | 10,9 M |
| 75 10- 6 | 37,05 M | 12,0 M |

**31420 P. — 42989 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | I. | |
| | 21h 55m | 74° 45' |
| 40 10-10 | 11s,12 G | |
| 10-12 | 11,12 G | |
| 10-13 | 11,10 G | |
| | II. | |
| | 21h 55m | 74° 41' |
| 57 9-13 | 54s,60 G | 10",2 G |
| | III. | |
| | 21h 56m | 74° 36' |
| 71 9- 2 | 37s,86 G | |
| 9- 9 | 37,97 G | |
| 9-12 | 37,81 G | |
| 9-15 | 37,80 G | 53",5 G |

**31421 P. — 43077 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | I. | |
| | 21h 56m | 15° 44' |
| 48 2-11 I | 19s,86 G | |
| 52 12-28 I | 19,57 G | |
| 53 1-24 I | 19,34 G | |
| 3- 1 I | 20,00 G | |
| 3-15 I | 19,68 G | |
| 7-23 | 19,74 G | |
| 7-31 | 20,00 G | |
| 9-11 | 20,37 G | |
| 9-12 | 19,95 G | |
| 9-17 | 19,93 G | |

**31422 P. — 42978 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | I. | |
| | 21h 55m | 97° 16' |
| 37 8-27 | 7s,08 G | |
| 11- 6 | 7,05 G | |
| 38 12-13 | | 6",9 F |
| 41 9-11 | 7,10 G | |
| 12-11 | 6,95 G | |
| 43 11-27 | 6,99 G | |
| 45 8-17 | 6,98 G | |
| 8-19 | 6,97 G | |
| 8-20 | 7,02 G | |
| 46 7-11 | 6,98 G | |
| 11- 2 | 7,09 G | |
| 48 9-20 | 7,04 G | |
| 9-21 | 7,08 G | |
| 49 8-25 | 6,98 G | |
| 8-26 | 6,76 G | |
| | II. | |
| | 21h 55m | 97° 11' |
| 56 7-26 | 54s,44 G | 50",7 G |
| 61 11- 9 | 54,44 G | 49,5 G |
| 11-10 | | 49,9 G |
| | III. | |
| | 21h 56m | 97° 7' |
| 79 9-16 | 41s,76 J | 31",9 J |
| 9-17 | 41,83 J | 29,7 J |
| 80 9-16 | 41,90 M | 31,6 M |
| 9-17 | 41,92 M | 30,9 M |
| 81 8- 9 | 41,72 G | 32,6 G |
| 10- 3 | 41,92 M | 31,3 M |
| 10- 3 | 41,81 G | 31,4 G |
| 10- 3 | 42,19 J | 31,5 J |
| 10- 4 | 41,84 M | 31,8 M |
| 10- 4 | 41,86 J | 31,6 J |

**31423 P. — 42994 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 21h 56m | 67° 5' |
| 58 9-17 | 0s,58 G | 40",5 G |
| 9-24 | 0,42 G | 41,8 G |

**31424 P. — 42991 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 21h 56m | 72° 22' |
| 58 10- 5 | 0s,60 G | 9",2 G |
| | III. | |
| | 21h 56m | 72° 17' |
| 79 10- 3 | 43s,30 M | 54",0 M |

**31425 P. — 42998 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 21h 56m | 64° 28' |
| 59 7-28 | 4s,27 G | |
| 61 10-15 | 4,54 G | 16",3 G |
| | III. | |
| | 21h 56m | 64° 23' |
| 71 9-18 | 45s,35 G | 58",7 G |

**31426 P. — 42967 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 21h 55m | 115° 29' |
| 55 9-25 | 55s,85 G | 34",2 G |

**31427 P. — 42966 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 21h 56m | 115° 26' |
| 79 9- 3 | 47s,65 M | 59",4 M |

**31428 P. — 42985 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 21h 56m | 87° 29' |
| 56 9-26 | 2s,29 G | 27",7 G |
| | III. | |
| | 21h 56m | 87° 25' |
| 71 9- 9 | 47s,97 M | 9",5 M |

**31429 P. — 23252-53 A.O.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 21h 56m | 42° 14' |
| 74 9-12[1] | 50s,07 M | 22",9 M |

[1] Observation de D omise au Vol. de 1874.

**31430 P. — 42981 à 83 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | I. | |
| | 21h 55m | 92° 54' |
| 37 8-23 | 17s,58 G | |
| 9-28 | 17,59 G | |
| 9-29 | 17,65 G | |
| 10- 1 | 17,60 G | |
| 38 12-13 | 17,60 G | |
| 12-14 | 17,57 G | 3",5 F |
| 40 9-29 | 17,76 G | |
| 9-30 | 17,63 G | |
| 41 8-19 | 17,55 G | |
| 8-20 | 17,91 G | |
| 10-18 | 17,54 G | |
| 10-19 | 17,66 G | |
| 10-20 | 17,62 G | |
| 12-20 | 17,50 G | |
| 46 8-10 | 17,58 G | |
| 47 7-12 | 17,64 G | |
| 50 8-29 | 17,69 G | |
| | II. | |
| | 21h 56m | 92° 49' |
| 55 9-15 | | 46",2 G |
| 58 8-17 | 4s,15 G | 46,4 G |
| 8-23 | 4,25 G | 46,4 G |
| 9- 9 | | 45,4 F |
| 61 9- 3 | 4,23 G | 47,2 G |
| 11- 3 | 4,11 G | |
| | III. | |
| | 21h 56m | 92° 45' |
| 76 9-20[1] | 50s,93 G | 25",6 G |
| 78 9-24 | 50,86 G | 29,6 G |
| 9-27 | 50,77 G | 28,4 G |
| 10-12 | 50,71 J | 28,4 J |
| 81 9-15 | 50,82 J | 27,5 J |

[1] Æ diminuée de 0s,50 : erreur de 1s sur 3 fils.

**31431 P. — 42995 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | I. | |
| | 21h 55m | 76° 42' |
| 40 8-30 | 25s,15 G | |
| 8-31 | 24,94 G | 22",7 F |
| 10- 6 | | 23,8 F |
| | II. | |
| | 21h 56m | 76° 38' |
| 58 9-15 | 8s,50 G | |
| 60 10-25 | 8,51 G | 4",4 G |
| 61 10-28 | 8,49 G | |

**31432 P. — 42997 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 21h 56m | 74° 49' |
| 71 9- 5 | 54s,07 M | 12",2 M |
| 81 9-18 | 54,21 J | 11,5 J |
| 9-19 | 54,36 J | 12,1 J |

**31433 P. — 43010 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 21h 56m | 53° 37' |
| 80 10-12 | 54s,22 J | 7",4 J |
| 10-18 | 54,23 J | 7,3 J |

**31434 P. — 30120 Mn1.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 21h 56m | 98° 8' |
| 58 8-12 | 9s,01 G | |
| 9- 8 | 8,94 G | |

**31435 P. — 16270 Bonn.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | I. | |
| | 21h 55m | 41° 9' |
| 45 8- 4 | 48s,51 G | |

**31436 P. — 42988 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 21h 56m | 96° 29' |
| 76 10- 9 | 57s,47 M | 37",8 M |
| 10-16 | 57,46 M | 37,9 M |
| 79 10- 3 | 57,58 J | 35,1 J |

**31437 P. — 43013 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 21h 56m | 56° 17' |
| 67 10-30 | | 40",5 G |
| | III. | |
| | 21h 56m | 56° 13' |
| 74 8-20 | 58s,58 M | 23",6 M |
| 9-12 | 58,64 G | 22,2 G |
| 75 8-27 | 58,61 G | 23,3 G |

**31438 P. — 43023 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 21h 57m | 46° 15' |
| 80 10- 1 | 1s,91 G | 35",1 G |
| 81 10- 1 | 1,71 G | 36,0 G |

Dates 1800 + — Positions moyennes pour les époques du Catal.

**31439 P. — 43046 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $21^h57^m$ | 42°1' |
| 81 | 10-19 | 1s,89 G | 32",2 G |

**31440 P. — 43016 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $21^h57^m$ | 57°13' |
| 68 | 10-20 | 7s,22 G | 23",5 G |
| | 10-22 | 7,19 G | 23,9 G |

**31441 P. — 43002 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $21^h55^m$ | 85°18' |
| 40 | 8-20 | | 20",1 F |
| | | III. | |
| | | $21^h57^m$ | 85°9' |
| 71 | 9-12 | 8s,04 M | 44",5 M |
| | 9-13 | 7,98 M | 43,0 M |

**31442 P. — 13 Poisson austr.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $21^h55^m$ | 120°39' |
| 46 | 8-23 | 26s,70 G | |
| 47 | 7-29 | 26,72 G | |
| 50 | 8- 4 | 26,73 G | |

**31443 P. — 43005 à 07 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $21^h55^m$ | 79°21' |
| 37 | 8-25 | 42s,77 G | |
| | 9- 8 | 42,72 G | |
| | 9- 9 | 42,69 G | |
| | 9-11 | 42,87 G | 36",9 F |
| | 10- 3 | 42,78 G | |
| | 10- 4 | 42,74 G | 35,3 F |
| | 10-12 | 42,75 G | |
| 38 | 8-15 | 42,85 G | 35,9 F |
| | 8-20 | 42,74 G | |
| | 9- 6 | 42,69 G | |
| 42 | 10- 3 | 42,79 G | |
| | 10- 5[1] | 42,73 G | 35,9 F |
| | 10- 6 | 42,84 G | 33,3 F |
| | 10- 7 | 42,73 G | 34,6 F |
| | 10- 8 | 42,87 G | |
| | 10-11 | 42,67 G | |
| | | III. | |
| | | $21^h57^m$ | 79°12' |
| 81 | 9-16 | 11s,13 J | 59",4 J |
| | 10- 1 | | 58,4 J |

[1] 𝒫 diminuée de 2",1 : erreur de réduct.

**31444 P. — 42984 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II | |
| | | $21^h56^m$ | 112°27' |
| 57 | 8-12 | 21s,87 G | |
| | 9-27[1] | 21,47 G | |
| 58 | 10-31 | 21,90 G | 23",6 G |
| | | III. | |
| | | $21^h57^m$ | 112°23' |
| 79 | 10- 4 | 12s,22 M | 1",8 M |

[1] Indiquée à tort 42990 L. (dist. des fils).

**31445 P. — 43018 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $21^h56^m$ | 59°54' |
| 58 | 8-30 | 34s,47 G | |
| | | III. | |
| | | $21^h57^m$ | 59°49' |
| 71 | 10-15 | 14s,58 G | 51",1 G |
| 74 | 9-17 | 14,77 M | 52,2 M |

**31446 P. — 43030, 33 et 34 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $21^h57^m$ | 37°43' |
| 81 | 9-13 | 15s,36 G | 10",7 G |
| | 9-17 | 15,63 G | 10,4 G |

**31447 P. — 43004 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $21^h57^m$ | 86°12' |
| 75 | 10-12 | 16s,91 M | 40",0 M |
| 79 | 10-12 | 17,03 J | 40,3 J |

**31448 P. — 4455 A + 23°.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $21^h56^m$ | 66°40' |
| 58 | 9-19 | 36s,80 G | |

**31449 P. — 42999 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $21^h56^m$ | 103°41' |
| 54 | 8-29 | 33s,50 G | 43",1 G |
| 58 | 10- 6 | 33,60 G | 42,9 G |

**31450 P. — 42990 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $21^h56^m$ | 116°33' |
| 55 | 9- 8 | 32s,98 G | |
| 58 | 8- 5 | | 36",0 G |
| 59 | 10-22 | | 35,9 G |

**31451 P. — 16 Céphée.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $21^h57^m$ | 17°33' |
| 53 | 1-24 I | 0s,55 G | |
| | 3- 1 I | 0,91 G | |
| | 3-15 I | 0,32 G | |
| | 3-21 I | 0,59 G | |
| | 3-24 I | 0,22 G | |
| | 7-23 | 0s,45 G | |
| | 7-31 | 0,73 G | |
| | 9-11 | 0,95 G | |
| | 9-12 | 0,48 G | |
| | 9-17 | 0,65 G | |

**31452 P. — 42993 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $21^h55^m$ | 117°34' |
| 39 | 8-21 | 47s,21 G | |
| | 8-23 | 47,18 G | 10",5 F |
| | 9- 9[1] | 46,82 G | 11,4 F |
| | 9-18 | 47,20 G | |
| | 11-28 | 47,28 G | |
| 40 | 9-10 | 47,08 G | |
| | 10-30 | 47,24 G | |

[1] 𝒜 augmentée de 1m : erreur de transcr.

**31453 P. — 43012 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $21^h55^m$ | 85°57' |
| 40 | 9-12 | 59s,42 G | |
| | 9-16 | 59,69 G | |
| | | II. | |
| | | $21^h56^m$ | 85°52' |
| 57 | 9-24 | | 51",4 G |
| 60 | 10-17 | 44s,84 G | |
| 61 | 10- 4 | | 51,5 G |
| | | III. | |
| | | $21^h57^m$ | 85°48' |
| 75 | 10-16 | 30s,01 M | 35",3 M |

**31454 P. — 43027 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $21^h57^m$ | 51°10' |
| 69 | 9-25 | 34s,29 M | 32",3 M |
| 74 | 9-15 | 34,18 G | 32,4 G |
| | 10-27 | | 29,6 G |
| 75 | 8-17 | 34,16 G | 31,6 G |

**31455 P. — 43035-36 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $21^h57^m$ | 47°47' |
| 81 | 8-22 | 36s,49 G | 17",9 G |
| | 10-15 | | 19,0 G |

**31456 P. — 43047-48 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $21^h56^m$ | 60°32' |
| 43 | 8- 8 | 17s,72 G | 38",7 G |
| | 8-11 | | 39,3 F |
| | 8-12 | 17,65 G | 37,1 F |
| | 10-11 | 17,55 G | 39,0 G |
| | 10-14 | 17,59 G | 40,5 G |
| | 10-17 | 17,58 G | 41,3 G |
| | 10-18 | 17,76 G | 39,3 G |

**31457 P. — 43028 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $21^h57^m$ | 51°6' |
| 59 | 11-23 | | 43",5 G |
| | | III. | |
| | | $21^h57^m$ | 51°2' |
| 69 | 10- 1 | 38s,49 M | 27",1 M |
| 74 | 10- 7 | 38,55 M | 24,9 M |

**31458 P. — 43009 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $21^h56^m$ | 105°7' |
| 58 | 8-15 | | 24",2 G |
| | 9-13 | | 24,6 G |
| | | III. | |
| | | $21^h57^m$ | 105°3' |
| 79 | 9- 3 | 42s,06 J | 6",8 J |

**31459 P. — 43049 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $21^h57^m$ | 60°51' |
| 80 | 9-29 | 43s,01 J | 13",3 J |
| 81 | 9-29 | 42,97 J | 14,0 J |

**31460 P. — 43050-51 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $21^h56^m$ | 60°42' |
| 43 | 8- 8 | 27s,19 G | |
| | 8-11 | | 33",6 F |
| | 8-12 | 27,10 G | |
| | | II. | |
| | | $21^h57^m$ | 60°38' |
| 57 | 9-30 | | 15",6 G |

**31461 P. — 43042 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $21^h57^m$ | 46°1' |
| 59 | 10- 3 | 17s,88 G | |
| | | III. | |
| | | $21^h57^m$ | 45°57' |
| 68 | 10-20 | 53s,98 M | 7",0 M |
| 78 | 10-12 | 54,02 M | 9,6 M |
| | 10-15 | 53,96 M | 9,7 M |

**31462 P. — 43019-20 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $21^h56^m$ | 99°27' |
| 39 | 9-11 | | 46",3 F |
| | | III. | |
| | | $21^h57^m$ | 99°19' |
| 68 | 9- 1 | 54s,09 M | 10",5 M |
| 74 | 9-19 | 54,09 G | 10,6 G |
| 76 | 10- 6 | 54,11 M | 11,8 M |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (Æ, ℘)

**31463 P. — 43029 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $21^h57^m$ | 63°39′ |
| 71 10-12 | $54^s,32$ G | |
| 75 9-15 | 54,28 M | 18″,6 M |

**31464 P. — 43021-22 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $21^h57^m$ | 101°33′ |
| 58 9- 9 | $11^s,79$ G | 36″,0 G |
| 61 9-25 | 11,68 G | 35,2 G |
| III. | $21^h57^m$ | 101°29′ |
| 78 9-11 | $59^s,92$ M | 17″,0 M |
| 9-30 | 59,73 M | 16,5 M |

**31465 P. — 43043 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $21^h57^m$ | 62°19′ |
| 58 8- 8 | | 40″,1 G |
| 10-15 | $38^s,62$ G | |
| 10-29 | 38,58 G | |
| III. | $21^h58^m$ | 62°15′ |
| 79 9-10 | $19^s,25$ G | 20″,3 G |

**31466 P. — 43031-32 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $21^h57^m$ | 91°34′ |
| 58 8-27 | | 53″,5 F |
| 59 9-24 | $35^s,18$ G | 54,8 G |
| 10-16 | 35,25 G | |
| III. | $21^h58^m$ | 91°30′ |
| 76 10- 7 | $21^s,47$ G | 36″,1 G |
| 77 9- 4 | 21,63 G | 36,6 G |

**31467 P. — 43037-38 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $21^h57^m$ | 80°26′ |
| 55 11-26 | | 10″,1 G |
| 60 10- 3[1] | | 10,4 G |
| 10-29 | $37^s,50$ G | |
| III. | $21^h58^m$ | 80°21′ |
| 71 9-16 | $21^s,75$ M | 51″,5 M |

[1] ℘ diminuée de 1′ : erreur de réduct.

**31468 P. — 1442 W$_2$.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $21^h57^m$ | 66°39′ |
| 58 9-17 | $48^s,36$ G | |

**31469 P. — 43076 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $21^h58^m$ | 46°0′ |
| 80 9- 5 | $48^s,51$ G | 49″,2 G |
| 9-26 | 48,37 G | 50,7 G |

**31470 P. — 1337 W$_1$.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $21^h58^m$ | 90°48′ |
| 57 8-12 | $7^s,37$ G | |
| 58 11- 3 | 7,51 G | |

**31471 P. — 1339 W$_1$.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $21^h58^m$ | 73°11′ |
| 58 10- 1 | | 55″,0 G |

**31472 P. — 43067-68 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $21^h58^m$ | 60°43′ |
| 58 11- 1 | $18^s,32$ G | 4″,2 G |
| 59 9-23 | 18,25 G | |

**31473 P. — 43087 et 89 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $21^h59^m$ | 37°53′ |
| 81 10-18 | $1^s,64$ G | |

**31474 P. — 43079-80 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $21^h59^m$ | 46°15′ |
| 72 9-25 | $2^s,27$ M | 35″,7 M |
| 74 9-18 | 2,29 G | 34,9 G |
| 81 9-30 | 2,12 G | 35,3 G |
| 10-17 | 2,14 G | 36,7 G |

**31475 P. — 43073 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $21^h59^m$ | 57°39′ |
| 68 10-10 | $2^s,95$ G | 48″,7 G |
| 10-13 | 3,09 G | 49,1 G |
| 79 9-17 | 3,00 G | 47,6 G |

**31476 P. — 43071 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $21^h59^m$ | 67°58′ |
| 80 10- 1 | $8^s,28$ J | 6″,4 J |

**31477 P. — 13159 Cambridge.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $21^h58^m$ | 60°43′ |
| 59 9-23 | $29^s,29$ G | |

**31478 P. — 43063 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $21^h59^m$ | 85°15′ |
| 71 9-12 | $20^s,03$ M | 12″,1 M |
| 79 9-16 | 19,90 J | 12,7 J |
| 80 9-24 | 20,00 M | 13,0 M |
| 9-30 | 20,15 M | 13,6 M |

**31479 P. — 43052 à 62 L.**

34 α Verseau.

Étoile fondamentale.

**31480 P. — 43065 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| I. | $21^h57^m$ | 85°41′ |
| 44 10-10 | $51^s,64$ G | |
| II. | $21^h58^m$ | 85°37′ |
| 57 8- 6 | | 25″,9 G |
| 58 8-27 | $36^s,93$ G | 26,5 G |
| III. | $21^h59^m$ | 85°33′ |
| 71 9-13 | $22^s,48$ M | 5″,6 M |

**31481 P. — 13165 Cambridge.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $21^h58^m$ | 60°43′ |
| 59 9-23[1] | $42^s,99$ G | |

[1] Æ augm. de $0^s,20$ : err. de $1^s$ sur un fil.

**31482 P. — 1343 W$_1$.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| I. | $21^h57^m$ | 105°38′ |
| 39 8-23 | $46^s,60$ G | |

**31483 P. — 43084 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $21^h59^m$ | 57°46′ |
| 69 9-28 | $31^s,16$ M | 36″,1 M |
| 10- 9 | 31,07 M | 37,0 M |

**31484 P. — 43066 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $21^h59^m$ | 95°57′ |
| 75 11- 2 | $31^s,91$ M | 46″,8 M |
| 76 10-16 | 31,79 M | 47,3 M |

**31485 P. — 43078 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $21^h58^m$ | 73°9′ |
| 58 8-24 | $51^s,12$ G | 59″,1 G |
| 8-26[1] | | 59,5 G |
| 60 10-17 | 51,18 G | 60,8 G |

[1] ℘ diminuée de 5′.

**31486 P. — 43069-70 L.**

33 ι Verseau.

Étoile fondamentale.

**31487 P. — 43098 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $21^h59^m$ | 56°7′ |
| 68 10- 7 | $41^s,85$ G | 26″,9 G |
| 10- 8 | 41,76 G | 25,8 G |

**31488 P. — 43101 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $21^h59^m$ | 53°8′ |
| 68 10-20 | $42^s,75$ G | 19″,4 G |
| 10-22 | 42,69 G | 18,4 G |

**31489 P. — 6140 Sf. — 15″.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | $21^h58^m$ | 105°6′ |
| 54 9- 3 | $55^s,68$ G | |

**31490 P. — 43102 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| I. | $21^h58^m$ | 61°47′ |
| 40 11- 9 | $33^s,85$ G | |
| II. | $21^h59^m$ | 61°42′ |
| 63 9-15 | | 53″,8 G |
| 9-27 | | 53,7 G |
| 64 10-20 | | 53,6 G |
| 65 8-26 | | 52,8 G |
| 8-30 | | 53,7 G |
| 9-15 | | 53,5 G |
| 9-16 | | 53,9 G |

**31491 P. — 43117-18 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $21^h59^m$ | 43°22′ |
| 81 9-28 | $59^s,41$ G | 21″,9 G |

**31492 P. — 43083 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $22^h0^m$ | 91°54′ |
| 69 8-24 | $3^s,02$ M | 4″,1 M |
| 78 10- 3 | 3,07 M | 3,2 M |

**31493 P. — 43103 L. (la 1re).**

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | $22^h0^m$ | 69°48′ |
| 71 9- 2 | | 19″,2 G |

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|

### 31494 P. — 43103 L. (la 2e).

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 0m | 69°48′ |
| 74 9-15 | 7s,39 G | |
| 9-19 | 7,64 G | 14″,4 G |
| 75 8-17 | | 13,5 G |

### 31495 P. — 43090 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 59m | 88°49′ |
| 60 9-11 | 22s,15 G | 49″,7 G |
| | III. | |
| | 22h 0m | 88°45′ |
| 79 10-12 | 8s,50 J | 25″,9 J |

### 31496 P. — 43113 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 0m | 54°13′ |
| 74 8-19 | 10s,18 M | 20″,3 M |
| 75 9-15 | 10,17 M | 19,7 M |

### 31497 P. — ξ Céphée.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 21h 59m | 26°7′ |
| 52 11-18 | | 34″,1 G |
| 11-18 | | 33,5 F |
| 11-19 | | 35,3 G |
| 11-19 | | 33,1 F |
| 11-20 | | 34,0 G |
| 11-20 | | 34,3 F |
| 11-25 | | 34,4 G |
| 11-25 | | 34,0 F |
| 11-27 | | 33,7 G |
| 11-27 | | 33,3 F |
| 11-27 I | | 34,7 G |
| 11-27 I | | 32,3 F |
| 12- 7 | | 33,2 G |
| 12- 7 | | 32,8 F |
| 12- 8 I | | 33,7 G |
| 12- 8 I | | 33,2 F |
| 12-10 I | | 34,1 G |
| 12-10 I | | 33,2 F |
| 12-11 I | 19s,05 G | 34,9 G |
| 12-11 I | | 34,3 F |
| 12-13[1] I | | 37,0 F |

[1] 𝒫 non comprise dans la moyenne.

### 31498 P. — 43110 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 0m | 62°38′ |
| 71 10-15 | 12s,23 G | 0″,0 G |
| 79 10- 3 | 12,25 G | |
| 10- 4[1] | 12,24 G | 1,7 G |
| 10- 7 | 12,21 G | |

[1] 𝒜 augmentée de 0s,60 : erreur de moy. et de 1s sur 2 fils.

### 31499 P. — 43100 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 0m | 85°24′ |
| 75 10-16 | 15s,98 M | 48″,9 M |
| 79 9-19 | 15,98 J | 48,7 J |
| 81 9-17 | 16,02 M | 48,3 M |
| 9-30[1] | 15,67 M | 54,4 M |

[1] 𝒫 non comprise dans la moyenne.

### 31500 P. — 43107 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 0m | 69°56′ |
| 71 9- 2 | 15s,95 G | |
| 79 9- 1 | 15,95 M | 3″,6 M |
| 9- 2 | 15,96 M | 3,9 M |

### 31501 P. — 30226 Mn1.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 21h 58m | 88°19′ |
| 42 10-15 | 45s,83 G | |

### 31502 P. — 43082 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 59m | 112°55′ |
| 59 10-22 | | 20″,1 G |
| 61 10- 2 | 26s,77 G | 19,6 G |
| 10-15[1] | 26,73 G | 18,4 G |

[1] 𝒜 diminuée de 0s,85 : erreur de moy

### 31503 P. — 43127 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 0m | 43°51′ |
| 72 9-20 | 18s,62 M | 42″,0 M |
| 74 9-12 | 18,53 G | 40,0 G |

### 31504 P. — 43114 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 0m | 65°24′ |
| 80 9-24 | 24s,83 J | 16″,7 J |
| 81 10- 3 | 24,73 J | 17,2 J |

### 31505 P. — 1347 W1[1].

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 21h 58m | 91°30′ |
| 40 8-28 | 53s,13 G | |
| 10-10 | 52,93 G | |
| 10-12 | 53,12 G | |
| 10-13 | 53,03 G | |
| | III. | |
| | 22h 0m | 91°21′ |
| 81 9-28 | 25s,78 M | 20″,9 M |
| 9-29 | 25,55 M | 19,9 M |

[1] L'asc. dr. de Weisse doit être augmentée de 1m.

### 31506 P. — 43128 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 0m | 49°15′ |
| 81 10- 1 | 29s,92 G | 17″,1 G |

### 31507 P. — 43088 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 59m | 118°44′ |
| 55 9-19[1] | | 21″,5 G |

[1] 𝒫 augmentée de 1′.

### 31508 P. — 43094 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 0m | 115°0′ |
| 76 9-20 | 36s,08 M | 2″,3 M |
| 9-21 | 36,01 M | 3,3 M |
| 9-22 | 36,01 M | 3,8 M |

### 31509 P. — 43123 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 59m | 63°44′ |
| 58 9-19 | 55s,73 G | |
| | III. | |
| | 22h 0m | 63°40′ |
| 81 10- 3 | 36s,63 M | 12″,7 M |
| 10- 4 | 36,55 M | 13,2 M |

### 31510 P. — 43104 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 59m | 101°7′ |
| 58 9- 9 | 50s,46 G | 40″,2 G |
| 62 9-12 | 50,42 G | |
| 9-18 | 50,40 G | 40,5 G |

### 31511 P. — 43131-32 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 0m | 48°38′ |
| 81 9-15 | 39s,03 G | |
| 10-15 | 38,71 G | 42″,3 G |

### 31512 P. — 1380 W1.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 59m | 88°46′ |
| 60 9-11 | 55s,03 G | |

### 31513 P. — 43111 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 21h 59m | 90°11′ |
| 40 9-16 | 9s,95 G | |
| 41 9-28 | 9,80 G | |
| 10-18 | 9,75 G | |
| 46 7-23 | 9,71 G | |

### 31513 P. (suite).

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 21h 59m | 90°6′ |
| 58 8-23 | 56s,03 G | 46″,2 G |
| 59 9-24 | 55,91 G | 46,0 G |
| | III. | |
| | 22h 0m | 90°2′ |
| 76 10- 7 | 42s,02 G | 23″,5 G |
| 77 9- 4 | 42,03 G | 25,3 G |

### 31514 P. — 43140 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 0m | 45°29′ |
| 80 9- 9 | | 39″,6 G |

### 31515 P. — 43152 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 0m | 45°35′ |
| 80 9-27[1] | 58s,05 G | 35″,4 G |
| 81 10- 3 | 58,27 G | 34,6 G |

[1] 𝒫 diminuée de 5′.

### 31516 P. — 30244 Mn1.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 0m | 95°58′ |
| 57 10-16 | 13s,57 G | |

### 31517 P. — 43112 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 1m | 108°32′ |
| 78 8-30 | 1s,51 M | |
| 10- 4 | 1,49 M | 24″,1 M |

### 31518 P. — 43136 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 1m | 62°17′ |
| 80 9-29 | 2s,85 J | 24″,0 J |

### 31519 P. — 43121 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 0m | 100°45′ |
| 54 9-20 | 19s,24 G | 35″,7 G |
| | III. | |
| | 22h 1m | 100°41′ |
| 79 9- 3 | 7s,33 J | 13″,7 J |

### 31520 P. — 43124 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 0m | 96°30′ |
| 58 8-17 | 21s,24 G | |
| 9- 8 | 21,23 G | |
| 61 10- 4 | | 37″,7 G |

**31520 P. (suite).**

| Dates 1800 + A. | M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 22h 1m | 96°26′ |
| 76 | 10- 9 | 8s,53 M | 18″,6 M |

**31521 P. — 43159 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 22h 1m | 45°21′ |
| 81 | 9-17 | | 37″,3 G |

**31522 P. — 1535-36 W₂.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h 0m | 50°58′ |
| 67 | 10-30[1] | | 55″,2 G |

[1] 𝒫 diminuée de 1′.

**31523 P. — 43137 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 21h 59m | 65°24′ |
| 37 | 8- 8 | 47s,75 G | |
| 38 | 8-15 | 47,73 G | |
| | 9- 6 | 47,67 G | |
| 40 | 10- 4 | 47,83 G | |
| 46 | 9- 4 | 48,03 G | |
| | 9- 6 | 48,04 G | |
| | 9-26 | 48,04 G | |
| 48 | 8- 5 | 47,90 G | |
| 53 | 10-27 | 48,25 G | |
| | III. | 22h 1m | 65°15′ |
| 71 | 10-12 | 11s,41 G | |
| 74 | 9-17 | 11,45 M | 52″,9 M |

**31524 P. — 30254 Mn₁.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 21h 59m | 98°6′ |
| 40 | 10-31 | 45s,02 G | |
| | 11- 3 | 45,02 G | |
| | 11- 6 | 45,03 G | |

**31525 P. — 43142 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h 0m | 81°0′ |
| 57 | 10- 2 | 35s,73 G | 38″,2 G |
| | III. | 22h 1m | 80°56′ |
| 71 | 9-12 | 20s,29 M | 18″,0 M |

**31526 P. — 43177-78 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 22h 1m | 36°59′ |
| 81 | 10-18 | | 4″,8 G |

**31527 P. — 43125 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h 0m | 108°30′ |
| 54 | 9-25 | 33s,67 G | 48″,0 G |
| | III. | 22h 1m | 108°26′ |
| 78 | 9-11 | 23s,49 M | 29″,4 M |
| | 9-30 | 23,40 M | 31,6 M |

**31528 P. — 43134-35 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 22h 1m | 79°51′ |
| 74 | 9-18 | 29s,59 G | 19″,7 G |

**31529 P. — 43160 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 22h 0m | 60°26′ |
| 43 | 8- 8 | 9s,01 G | 10″,6 G |
| | 8-11 | | 9,8 F |
| | 8-12 | 9,09 G | 9,6 F |
| | 8-17 | 8,84 G | |
| | 10- 5 | 9,07 G | |

**31530 P. — 43153 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 22h 0m | 71°16′ |
| 40 | 9-21 | 5s,74 G | |
| | II. | 22h 0m | 71°12′ |
| 58 | 9-27 | 48s,57 G | 28″,5 G |
| | III. | 22h 1m | 71°8′ |
| 79 | 9-10 | 31s,49 G | 6″,4 G |

**31531 P. — 8527 Berlin B.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h 0m | 66°39′ |
| 59 | 8-21[1] | 54s,16 G | |

[1] Indiquée à tort comme 43166 L. (dist. des fils).

**31532 P. — 43165 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 22h 1m | 54°30′ |
| 68 | 10-10 | 36s,10 G | 54″,2 G |
| | 10-13 | 36,12 G | 53,7 G |

**31533 P. — 43167 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h 1m | 56°16′ |
| 59 | 11-23 | | 24″,7 G |
| 62 | 9-16 | 2s,02 G | 22,8 G |

**31533 P. (suite).**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 22h 1m | 56°12′ |
| 69 | 9-17 | 41s,63 M | 2″,2 M |

**31534 P. — 13202 Cambridge.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h 1m | 65°2′ |
| 58 | 11- 7 | 1s,64 G | |

**31535 P. — 43161 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h 1m | 77°36′ |
| 56 | 9-16 | 7s,83 G | |
| 58 | 9- 8 | | 47″,7 F |
| 60 | 11- 3[1] | 8,04 G | 47,7 G |
| 61 | 10- 5[2] | 7,94 G | 47,3 G |

[1] 𝒜 augm. de 1s : erreur de réduct.
[2] 𝒜 diminuée de 0s,30. (*Voir* 30809 P.).

**31536 P. — 43166 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h 1m | 65°39′ |
| 58 | 9-17 | 10s,03 G | 56″,2 G |
| | 10-15 | 10,16 G | |
| | III. | 22h 1m | 65°35′ |
| 79 | 9- 3 | 51s,60 G | 33″,5 G |

**31537 P. — 43146-47 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 22h 0m | 102°22′ |
| 48 | 7-22 | 16s,23 G | |
| | 11- 9 | 16,41 G | |

**31538 P. — 9858 Rümker.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 22h 1m | 23°58′ |
| 38 | 12-12 | 8s,36 G | 40″,7 F |
| | 12-13 | 8,54 G | 42,1 F |

**31539 P. — 43170-71 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 22h 0m | 69°2′ |
| 39 | 8-20 | 33s,67 G | |
| | 8-21 | 33,65 G | |
| | 9- 7 | 33,67 G | 57″,5 F |
| | 9- 9 | 33,69 G | 57,4 F |
| | 9-11 | 33,54 G | |
| 49 | 8-31 | 33,33 G | |
| 52 | 12-17[1] | 33,69 G | |

**31539 P. (suite).**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h 1m | 68°58′ |
| 57 | 9-30 | 15s,71 G | 38″,4 G |
| 58 | 8- 7 | 15,78 G | |
| | 8- 8 | 15,85 G | 36,8 G |
| | 11- 8 | 15,86 G | |

[1] 𝒜 diminuée de 1m.

**31540 P. — 43162 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h 1m | 86°9′ |
| 56 | 10- 5 | 14s,45 G | |
| | 10-25 | | 53″,2 G |
| | III. | 22h 2m | 86°5′ |
| 69 | 10- 1 | | 33″,7 G |
| 71 | 9- 4 | 0s,07 M | 31,7 M |

**31541 P. — 43156 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 22h 0m | 109°16′ |
| 37 | 8-29 | 28s,45 G | |
| | 9-24 | | 30″,8 F |
| | 9-27 | 28,47 G | |
| | 9-28 | 28,48 G | |
| | 9-29 | 28,51 G | |
| | 10- 1 | 28,37 G | |
| | 10- 2 | 28,45 G | |
| | 10- 3 | 28,45 G | |
| | 10- 4 | 28,43 G | |
| | 10- 9[1] | 28,48 G | 33,8 F |
| | 10-12 | 28,32 G | |
| | 10-25 | 28,59 G | |
| 39 | 8-24 | | 31,9 F |
| | 9-13 | 28,42 G | 31,1 F |
| 40 | 8-28 | 28,58 G | |
| | 8-30 | 28,68 G | |
| | 8-31 | 28,44 G | 30,6 F |
| | 9-12 | 28,56 G | |
| | 10-30 | 28,49 G | |
| 41 | 8- 7 | 28,45 G | |
| | 8-27 | 28,35 G | |
| 49 | 8-25 | 28,43 G | |
| | 8-26 | 28,35 G | |
| 53 | 7-31 | | 29,6 G |
| | II. | 22h 1m | 109°12′ |
| 54 | 9-19 | 17s,93 G | |
| 60 | 8-25 | 17,97 G | |
| | 10-24 | 17,97 G | |
| | 10-26 | | 12″,1 G |
| | 11- 5 | 17,79 G | 10,6 G |
| 61 | 10-20 | 17,90 G | 11,7 G |

[1] 𝒫 augmentée de 10′.

**31542 P. — 43214 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 22h 2m | 73°3′ |
| 74 | 9-12 | 9s,61 M | 5″,6 M |
| | 10- 3 | 9,57 M | 6,1 M |
| | 10- 7 | 9,54 M | 6,3 M |

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|

### 31543 P. — 43205-06 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 22h 2m | 37°28′ |
| 81 10- 5 | 10s,64 G | 4″,5 G |

### 31544 P. — 4826 A + 0°.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 22h 2m | 89°48′ |
| 71 9-16 | 10s,89 M | 8″,1 M |

### 31545 P. — 5700 Sf. — 2°.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 22h 0m | 92°10′ |
| 48 10-26 | 40s,87 G | |

### 31546 P. — 43185 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 22h 2m | 57°11′ |
| 80 9- 5 | 13s,92 J | 37″,9 J |
| 9-20 | 13,81 J | 38,0 J |
| 81 10-15 | 13,97 J | 37,1 J |

### 31547 P. — 43158 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 22h 0m | 109°14′ |
| 40 8-30 | 35s,67 G | |
| 8-31 [1] | 35,41 G | |
| II. | 22h 1m | 109°10′ |
| 60 10-24 | 24s,99 G | |
| 61 10-20 | 24,86 G | |
| III. | 22h 2m | 109°5′ |
| 79 9- 8 | 14s,45 M | 45″,0 M |
| 9-10 | 14,63 M | 42,4 M |

[1] 𝒜 augmentée de 0s,20 : erreur de 1s sur un fil.

### 31548 P. — 43168 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 22h 0m | 90°41′ |
| 40 8-20 [1] | | 39″,2 F |
| 10-12 | 43s,31 G | |
| 10-13 | 43,16 G | |
| 41 9-10 | 43,36 G | |
| II. | 22h 1m | 90°37′ |
| 58 9- 5 | 29s,40 G | 18″,0 G |
| III. | 22h 2m | 90°32′ |
| 79 9-16 | 15s,75 J | 57″,6 J |
| 80 9-10 | 15,75 J | 57,1 J |

[1] 𝒫 augmentée de 2′ 30″ (5t de vis des microscopes).

### 31549 P. — 43169 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h 1m | 90°20′ |
| 57 8-21 | 30s,02 G | |
| 58 8-27 | | 41″,5 F |
| III. | 22h 2m | 90°16′ |
| 76 9-20 | 16s,30 G | 20″,2 G |
| 78 10-15 | 16,19 J | 19,2 J |
| 10-16 | 16,32 J | 19,9 J |

### 31550 P. — 43184 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h 1m | 63°40′ |
| 58 9-19 | 37s,01 G | |
| 60 11-12 | 36,69 G | |
| 61 10-19 | 36,96 G | 8″,7 G |
| 62 9-29 | 37,12 G | 9,7 G |

### 31551 P. — 43193-94 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h 1m | 60°59′ |
| 59 7-28 | 44s,93 G | |
| 61 10-26 | 45,04 G | 55″,4 G |
| III. | 22h 2m | 60°55′ |
| 71 9-18 | 25s,29 G | |
| 10-14 | 25,41 G | |
| 10-17 | 25,28 G | |
| 74 9-24 | | 33″,3 G |

### 31552 P. — 43203 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 22h 2m | 51°16′ |
| 69 9-25 | 26s,14 M | 1″,2 M |
| 74 9-30 | 26,21 M | 1,1 M |
| 10- 8 | 26,23 M | 1,3 M |

### 31553 P. — 43163 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 22h 0m | 114°25′ |
| 48 9-16 | 47s,78 G | |
| II. | 22h 1m | 114°20′ |
| 58 10-31 | 38s,45 G | |
| 59 10-22 | | 37″,7 G |

### 31554 P. — 43195-96 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h 1m | 65°8′ |
| 58 8-10 | 49s,54 G | 18″,6 G |
| 8-28 | 49,55 G | 18,9 G |
| 9-25 | | 19,2 G |
| 11- 1 | 49,55 G | 18,3 G |
| 11- 7 | 49,83 G | 18,5 G |
| 11-12 | 49,72 G | |

### 31555 P. — 43179 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h 1m | 91°40′ |
| 59 10-16 | 45s,19 G | |
| 61 10-24 | 45,46 G | 52″,0 G |
| III. | 22h 2m | 91°36′ |
| 78 9- 4 | 31s,65 J | 31″,1 J |

### 31556 P. — 43181 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h 1m | 86°26′ |
| 57 7-27 | 48s,18 G | |
| 8-13 | 48,31 G | |
| 9-24 | | 47″,9 G |
| 58 9-15 | 48,16 G | |
| 11- 4 | | 47,6 G |

### 31557 P. — 715 A + 80°.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 22h 2m | 9°41′ |
| 47 7- 5 | 59s,05 G | 13″,4 F |
| 7- 6 | 58,72 G | |
| 7- 8 | 59,36 G | 13,8 F |
| 7-10 [1] | 59,10 G | 8,2 G |

[1] 𝒫 augmentée de 0″,8. L'observation a été faite 1m,58 après le passage au méridien et l'on avait omis la réduction au méridien dans le calcul de la distance polaire. Notée *douteuse*, non comprise dans la moyenne.

### 31558 P. — 43187 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h 1m | 77°42′ |
| 56 9-20 | 51s,59 G | |
| 57 9-13 | 51,63 G | 6″,4 G |
| 10-20 [1] | 51,58 G | 5,6 G |

[1] 𝒫 diminuée de 10″ : erreur de transcr.

### 31559 P. — 43182 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 22h 2m | 87°31′ |
| 72 10-25 | 35s,77 G | |
| 74 9-15 | 35,81 G | 43″,3 G |
| 75 8-17 | 35,86 G | 42,1 G |
| 10-12 | 35,78 M | 42,4 M |
| 10-19 | 35,79 M | 42,2 M |

### 31560 P. — 43175-76 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h 1m | 102°2′ |
| 54 9-16 | 49s,06 G | |
| 58 8-15 | | 55″,1 G |
| III. | 22h 2m | 101°58′ |
| 79 10- 3 | 37s,34 M | 34″,9 M |

### 31561 P. — 3707 Gr.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 22h 3m | 7°52′ |
| 53 2-25 I | 27s,90 G | |
| 7-19 | 28,01 G | |
| 9-17 | 28,12 G | |
| 9-19 | 27,92 G | |
| 9-20 | 28,75 G | |
| 9-24 | 28,87 G | |

### 31562 P. — 43211-12 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 22h 2m | 47°39′ |
| 80 9-20 | 38s,56 G | 25″,9 G |
| 9-26 | 38,63 G | 26,8 G |
| 81 9-19 [1] | 38,58 G | 20,4 G |

[1] 𝒫 non comprise dans la moyenne.

### 31563 P. — 9863 Rümker.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 22h 1m | 24°3′ |
| 38 12-12 | 51s,23 G | 27″,0 F |
| 12-13 | 51,30 G | 28,4 F |
| 12-14 | 51,31 G | 28,4 F |

### 31564 P. — 43180 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 22h 1m | 97°59′ |
| 40 10-31 | 6s,20 G | |
| 11- 6 | 6,03 G | |
| II. | 22h 1m | 97°55′ |
| 56 8-24 | 53s,58 G | |
| 58 9-26 | 53,63 G | 33″,1 G |
| 9-27 | | 32,6 F |
| III. | 22h 2m | 97°51′ |
| 76 10-14 | 41s,06 M | 11″,4 M |
| 10-16 | 41,20 M | 11,2 M |

### 31565 P. — 2935 Br.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 22h 3m | 7°52′ |
| 53 2-25 I | 34s,15 G | |
| 7-19 | 34,38 G | |
| 9-17 | 34,55 G | |
| 9-19 | 34,44 G | |
| 9-20 | 35,20 G | |
| 9-24 | 34,92 G | |

### 31566 P. — 15 Poisson austr.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 22h 1m | 123°18′ |
| 43 9-20 | 2s,87 G | |
| 9-23 | 2,85 G | 24″,0 G |

**31567 P. — 43231-32 L.**

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h2m | 37°18′ |
| 80 10-30 | 47s,90 G | 9",6 G |
| 81 8-27 | 47,95 G | |
| 9-13 | 47,91 G | 8,6 G |

**31568 P. — 43190 à 92 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 22h1m | 88°1′ |
| 40 9-29 | 16s,75 G | |
| 9-30 | 16,77 G | |
| 41 10-18 | 16,99 G | |
| 10-19 | 16,97 G | |
| 10-20 | 16,96 G | |
| | II. | |
| | 22h2m | 87°56′ |
| 55 10-21 | | 58",5 G |
| 11-26 | | 58,2 G |
| 56 8-9 | 2s,49 G | |
| | III. | |
| | 22h2m | 87°52′ |
| 71 9-19 | 48s,21 M | 39",6 M |

**31569 P. — 43148 et 83 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 22h1m | 98°56′ |
| 40 10-8 | 14s,89 G | |
| 49 9-28 | 15,03 G | |
| 50 8-4[1] | 14,61 G | 42",8 G |
| 53 11-4 | 14,86 G | |
| | II. | |
| | 22h2m | 98°52′ |
| 55 8-9 | 2s,43 G | |
| 57 9-18 | | 20",1 G |
| | III. | |
| | 22h2m | 98°47′ |
| 79 9-10 | 50s,27 J | 57",2 J |

[1] 𝒫 diminuée de 3",3 : erreur de 20" sur un microscope.

**31570 P. — 43200 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h2m | 81°13′ |
| 58 9-28 | 7s,98 G | |
| 10-16 | 8,02 G | 56",7 G |
| 60 8-17 | 8,22 G | 55,2 F |
| 9-9 | 8,11 G | |
| 9-29 | | 58,3 G |
| 10-4 | 8,01 G | 59,2 G |
| 10-22 | 8,03 G | |
| | III. | |
| | 22h2m | 81°9′ |
| 71 10-17 | 52s,71 M | 35",2 M |

**31571 P. — 43199 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h2m | 83°11′ |
| 57 8-20 | 8s,11 G | |
| 10-6 | 8,04 G | 29",5 G |
| 10-7 | 8,02 G | 26,9 G |

**31572 P. — 43186 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 22h1m | 98°17′ |
| 49 10-19 | 18s,71 G | |
| 50 9-7 | | 15",1 G |
| 9-18 | 18,79 G | |
| 52 8-13 | 19,06 G | |
| 12-11 | 18,92 G | |
| | II. | |
| | 22h2m | 98°13′ |
| 56 10-27 | 6s,22 G | |
| | III. | |
| | 22h2m | 98°8′ |
| 79 9-26 | 54s,14 J | 44",7 J |
| 10-3 | 53,84 J | 44,3 J |
| 10-4 | 53,89 J | 43,8 J |
| 10-6 | 53,87 J | 43,8 J |
| 10-7 | 53,73 J | 44,4 J |

**31573 P. — 43189 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h2m | 104°34′ |
| 54 9-26 | 11s,86 G | |
| 57 8-29 | | 33",8 G |
| 58 10-6 | 11,87 G | 33,8 G |
| | III. | |
| | 22h3m | 104°30′ |
| 78 10-17 | 0s,52 M | 10",9 M |

**31574 P. — 43188 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h2m | 105°48′ |
| 54 9-9 | 13s,69 G | |
| 61 8-31 | 13,40 G | 28",1 G |
| 9-2 | 13,77 G | 27,3 G |
| 10-16 | 13,89 G | |
| | III. | |
| | 22h3m | 105°44′ |
| 78 8-21 | 2s,54 M | 4",5 M |
| 10-8 | 2,56 M | 4,7 M |

**31575 P. — 43213 et 28 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h3m | 47°14′ |
| 72 9-26 | 3s,10 M | 61",4 M |
| 74 10-10 | 3,09 M | 60,0 M |
| 10-11 | 3,01 M | 60,0 M |
| 80 8-31 | 3,51 G | 59,1 G |
| 9-14 | 3,06 G | 60,1 G |
| 81 9-29 | 3,13 G | |
| 10-4 | 2,99 G | 61,2 G |

**31576 P. — 43215 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h2m | 74°43′ |
| 58 9-12 | | 21",0 G |

**31576 P. (suite).**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h3m | 74°38′ |
| 71 9-2 | 11s,52 G | |
| 74 9-19 | 11,42 G | 57",7 G |

**31577 P. — 43230 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h2m | 51°18′ |
| 66 9-5 | 33s,49 G | |
| | III. | |
| | 22h3m | 51°14′ |
| 68 10-7 | | 22",4 G |
| 10-8 | | 22,8 G |
| 69 10-1 | 11s,55 M | 23,3 M |
| 74 8-19 | 11,65 M | 22,2 M |
| 11-4 | 11,65 M | 22,7 M |

**31578 P. — 43208 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h2m | 77°43′ |
| 57 7-12 | 27s,62 G | |
| 9-20 | 27,78 G | 31",9 G |
| 10-3 | 27,67 G | 31,9 G |
| 58 8-26 | 27,79 G | 32,0 G |

**31579 P. — 43202 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h2m | 111°40′ |
| 55 9-24 | 33s,27 G | |
| 61 10-2 | 33,39 G | 39",1 G |
| | III. | |
| | 22h3m | 111°36′ |
| 79 10-4 | 23s,32 M | 16",7 M |
| 10-7 | 23,15 M | 18,1 M |

**31580 P. — 43241 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h3m | 51°11′ |
| 68 10-7 | 25s,00 G | 21",2 G |
| 10-8 | 24,94 G | 21,1 G |

**31581 P. — 16383 Bonn.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h3m | 41°23′ |
| 81 10-19 | 28s,37 G | 26",5 G |

**31582 P. — 43210 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h2m | 103°1′ |
| 54 9-27 | 45s,93 G | |
| 61 10-15 | 46,00 G | 20",3 G |
| | III. | |
| | 22h3m | 102°56′ |
| 79 9-1 | 34s,31 J | 55",7 J |

**31583 P. — 9865 Rümker.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h3m | 73°9′ |
| 71 9-9 | 35s,13 G | |
| 9-14[1] | 35,21 G | |
| 79 9-26 | | 25",0 G |
| 9-28 | 34,80 G | 22,7 G |
| 9-30 | 35,16 G | |
| 10-3[2] | 34,89 G | 25,9 G |
| 10-12 | 35,04 G | 28,5 G |

[1] 𝒜 augmentée de 1m : erreur de transcr.
[2] 𝒫 diminuée de 2",6 : erreur de réduct.

**31584 P. — 43219 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h2m | 88°32′ |
| 56 9-6 | 50s,84 G | |
| 57 9-21 | 51,03 G | |
| 61 10-17 | 50,97 G | 11",9 G |
| | III. | |
| | 22h3m | 88°27′ |
| 75 10-16 | 36s,92 M | 50",7 M |
| 10-23 | 36,80 M | 49,5 M |

**31585 P. — 43250 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h3m | 44°56′ |
| 67 9-11 | 1s,55 M | 39",5 M |
| | III. | |
| | 22h3m | 44°52′ |
| 79 9-16 | 38s,03 G | 15",7 G |

**31586 P. — 43220-21 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h2m | 86°35′ |
| 56 8-26 | 55s,39 G | 7",6 G |
| | III. | |
| | 22h3m | 86°30′ |
| 71 9-12 | 41s,13 M | 46",8 M |
| 81 9-15 | 41,09 J | 45,8 J |
| 9-16 | 41,40 J | 46,5 J |
| 10-5 | 41,11 J | 47,5 J |
| 10-10 | 41,07 J | 47,2 J |

**31587 P. — 43245-46 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h3m | 57°30′ |
| 56 12-14 | 1s,49 G | |
| 62 9-11 | 1,65 G | |
| 63 8-14 | 1,45 G | |
| 66 9-1 | 1,54 G | |
| 9-10 | 1,61 G | |
| 67 10-30 | | 38",0 G |
| | III. | |
| | 22h3m | 57°26′ |
| 73 10-8 | 41s,32 G | 14",4 G |
| 10-28 | 41,16 G | |
| 79 8-31 | 41,33 G | 16,2 G |
| 81 9-19 | 40,94 J | 13,7 J |
| 9-28 | 41,23 J | 15,7 J |
| 10-4 | 41,23 J | 16,6 J |

| Dates 1800+ A. | M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|---|

### 31588 P. — 43217-18 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 22$^h$2$^m$ | 100°4′ |
| 54 | 9-20 | 55$^s$,97 G | |
| 58 | 9- 9 | 56,12 G | 26″,6 G |
| | | III. | |
| | | 22$^h$3$^m$ | 100°0′ |
| 78 | 9-29 | 44$^s$,00 M | 5″,0 M |
| | 10- 3 | 44,03 M | 5,7 M |

### 31589 P. — 43253-54 et 56 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 22$^h$3$^m$ | 42°45′ |
| 61 | 11-17 | 8$^s$,93 G | |
| | | III. | |
| | | 22$^h$3$^m$ | 42°40′ |
| 72 | 9-25 | 44$^s$,37 M | 40″,2 M |
| 75 | 9- 4 | 44,18 M | 39,0 M |
| | 10- 6 | 44,32 M | 40,0 M |

### 31590 P. — 13231 Cambridge.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 22$^h$3$^m$ | 63°55′ |
| 57 | 10- 1 | 3$^s$,02 G | 1″,9 G |

### 31591 P. — 43234 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 22$^h$3$^m$ | 82°43′ |
| 56 | 9- 1 | 4$^s$,52 G | 54″,2 G |
| | 10-19 | | 57,6 G |
| | | III. | |
| | | 22$^h$3$^m$ | 82°39′ |
| 71 | 9-18 | 49$^s$,49 M | 30″,6 M |

### 31592 P. — 43226-27 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 22$^h$2$^m$ | 94°39′ |
| 50 | 9- 2 | 17$^s$,13 G | |
| | | II. | |
| | | 22$^h$3$^m$ | 94°34′ |
| 55 | 10- 2 | 4$^s$,11 G | 42″,3 G |
| 57 | 8-16 | 4,09 G | |
| | 9-29 | 4,06 G | |
| | | III. | |
| | | 22$^h$3$^m$ | 94°30′ |
| 68 | 9- 1 | 51$^s$,06 M | 20″,3 M |
| | 10-13 | 50,82 M | 19,2 M |
| 76 | 10- 7 | 50,96 G | 20,8 G |
| | 10-14 | 50,88 G | 21,4 G |
| 77 | 9- 4 | 51,00 G | 21,4 G |
| 78 | 9- 2 | 51,04 J | 20,7 J |
| | 9-27 | 50,86 G | 20,2 G |
| | 10-12 | 50,87 J | 20,1 J |

### 31593 P. — 37 $e^1$ Verseau.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 22$^h$2$^m$ | 101°34′ |
| 40 | 9-10 | 15$^s$,44 G | 53″,9 F |
| 41 | 9-11 | 15,44 G | |
| 47 | 8-30[1] | 15,53 G | |
| 49 | 9-25 | 15,37 G | |
| 50 | 8- 3 | 15,26 G | 51,7 G |
| 52 | 8-31 | 15,33 G | |
| | 9- 1 | 15,47 G | |
| | 9- 2 | 15,44 G | |
| | 9- 3 | 15,47 G | |

[1] 𝒜 diminuée de 1$^s$ : erreur de moy.

### 31594 P. — 43249 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 22$^h$3$^m$ | 55°33′ |
| 59 | 10-27 | | 16″,8 G |
| 61 | 9- 3 | | 16,4 G |
| | | III. | |
| | | 22$^h$3$^m$ | 55°28′ |
| 68 | 10-10 | 53$^s$,00 G | 54″,9 G |
| | 10-13 | 53,06 G | 53,7 G |

### 31595 P. — 43236-37 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 22$^h$2$^m$ | 84°33′ |
| 37 | 8- 6 | | 44″,7 F |
| | 8-10 | 22$^s$,77 G | 43,7 F |
| | 8-25 | 22,78 G | |
| | 8-27 | 22,63 G | |
| | 8-29 | 22,59 G | |
| | 9- 9 | 22,63 G | |
| | 9-11 | 22,72 G | 46,2 F |
| | 9-20 | 22,69 G | |
| | 10-12 | 22,70 G | |
| 38 | 9- 6 | 22,67 G | |
| 40 | 10- 4 | 22,78 G | |
| 41 | 9- 9 | 22,55 G | |
| | 10-12 | 22,80 G | |
| 42 | 10- 5 | 22,78 G | |
| | 10- 6 | 22,51 G | |
| | 10- 7 | 22,80 G | |
| | 10- 8 | 22,90 G | |
| | 10- 9 | 22,89 G | |
| | 10-10 | 22,76 G | |
| | 10-11 | 23,00 G | |
| 46 | 7-23 | 22,82 G | |
| | 10-23 | 22,82 G | 44,8 G |
| | | II. | |
| | | 22$^h$3$^m$ | 84°29′ |
| 55 | 10-20 | 8$^s$,22 G | |
| 56 | 8- 5 | 7,80 G | |
| | 8-31 | 8,09 G | |
| | 9-28 | | 22″,1 G |
| | 10-25 | 8,24 G | |
| 57 | 11- 4 | 8,04 G | |
| 58 | 8-12 | 8,16 G | 22,0 G |
| | | III. | |
| | | 22$^h$3$^m$ | 84°24′ |
| 71 | 9-13 | 53$^s$,54 M | 58″,0 M |
| 73 | 9-20 | 53,55 M | 57,4 M |
| | 9-23 | 53,59 G | |
| | 9-25 | 53,58 M | 58,7 M |
| | 9-25 | 53,48 G | |
| | 10- 9 | 53,60 G | 58,4 G |

### 31595 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 22$^h$3$^m$ | 84°24′ |
| 81 | 9- 4 | 53$^s$,74 J | 57″,5 J |
| | 9-17 | 53,81 J | 57,8 J |
| | 9-18 | 53,57 J | 58,0 J |
| | 10-17 | 53,84 J | 58,8 J |

### 31596 P. — 43222 et 24 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 22$^h$2$^m$ | 102°19′ |
| 47 | 8-27 | 20$^s$,22 G | |
| | 10-30 | 20,06 G | |
| | 11- 2 | 20,02 G | |
| 48 | 7-22 | 20,01 G | |
| | 11- 9 | 19,91 G | |
| 50 | 8-12 | 19,92 G | |
| | 8-14 | 20,05 G | |
| | | II. | |
| | | 22$^h$3$^m$ | 102°15′ |
| 54 | 8-27 | 8$^s$,22 G | |
| 61 | 10-18 | 8,25 G | 6″,5 G |
| 67 | 9-16 | 8,10 M | 7,2 M |
| | | III. | |
| | | 22$^h$3$^m$ | 102°10′ |
| 77 | 10-16 | 56$^s$,41 M | 44″,1 M |
| | 10-17 | 56,51 M | 44,3 M |
| 78 | 8-21 | 56,49 G | 44,5 G |
| 81 | 10- 3 | 56,15 J | 43,0 J |

### 31597 P. — 43262 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 22$^h$3$^m$ | 45°45′ |
| 80 | 9- 2 | 58$^s$,84 G | 26″,0 G |
| | 9-11 | 58,96 G | 26,7 G |
| | 9-13 | 58,75 G | 26,8 G |
| 81 | 9-17 | 58,85 G | 24,9 G |

### 31598 P. — 43247 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 22$^h$3$^m$ | 69°32′ |
| 58 | 9-10 | 19$^s$,83 G | 31″,9 G |
| | 9-30 | 19,73 G | 33,1 G |
| | 10- 2 | 19,82 G | |

### 31599 P. — 43239-40 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 22$^h$2$^m$ | 95°1′ |
| 39 | 9- 9 | 28$^s$,77 G | 33″,0 F |
| | 9-10 | | 32,0 F |
| 49 | 8-15 | 28,64 G | |
| 50 | 8-31 | 28,75 G | 33,2 G |
| | 8-31 | | 35,8 F |
| | 9- 7 | 28,73 G | |
| | 9- 9 | 28,58 G | |

### 31599 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 22$^h$3$^m$ | 94°57′ |
| 55 | 9- 6 | 15$^s$,56 G | 11″,3 G |
| | 9-15 | 15,71 G | |
| | 12- 3 | | 15,2 G |
| 56 | 7-26 | 15,69 G | 12,8 G |
| | 10- 4 | | 12,9 G |
| 57 | 8- 7 | 15,55 G | 12,3 G |
| | 8-11 | 15,53 G | |
| | 10-16 | 15,58 G | 13,3 G |
| 58 | 8-17 | 15,59 G | 13,1 G |
| 59 | 9-24 | 15,52 G | 13,2 G |
| | | III. | |
| | | 22$^h$4$^m$ | 94°52′ |
| 77 | 10-12 | 2$^s$,60 M | 50″,9 M |
| 78 | 9- 6 | 2,70 J | 50,0 J |

### 31600 P. — 43270 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 22$^h$4$^m$ | 42°5′ |
| 68 | 10-20 | 4$^s$,90 M | 41″,2 M |
| 72 | 9-17 | 4,84 M | 40,7 M |

### 31601 P. — 43225 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 22$^h$2$^m$ | 111°59′ |
| 40 | 10-30 | 25$^s$,59 G | |
| 41 | 10-21 | 25,72 G | |
| | | II. | |
| | | 22$^h$3$^m$ | 111°55′ |
| 58 | 10-30 | | 5″,8 G |
| 62 | 9-12 | 15$^s$,97 G | 7,4 G |
| | | III. | |
| | | 22$^h$4$^m$ | 111°50′ |
| 79 | 9- 3 | 6$^s$,07 J | 43″,3 J |

### 31602 P. — 46 W$_1$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 22$^h$3$^m$ | 73°54′ |
| 58 | 11- 3 | 25$^s$,08 G | |

### 31603 P. — 45 W$_1$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 22$^h$3$^m$ | 75°58′ |
| 57 | 10-13 | 25$^s$,15 G | |

### 31604 P. — 43266 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 22$^h$4$^m$ | 45°45′ |
| 80 | 9-10 | 8$^s$,89 G | 57″,4 G |
| 81 | 8-22 | 8,67 G | 56,9 G |

Dates 1800+ — Positions moyennes pour les époques du Catal.

**31605 P. — 43252 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 22h 4m | 67°29′ |
| 74 9-12 | 11s,28 G | 13″,1 G |
| 10-27 | | 12,3 G |

**31606 P. — 61 et 64 $W_2$.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 22h 4m | 66°51′ |
| 71 10-23 | 12s,86 G | |
| 79 9-19 | 13,02 J | 26″,9 J |
| 10-12 | 12,83 J | 26,1 J |
| 10-16 | 12,89 J | 25,8 J |

**31607 P. — 43233 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 22h 3m | 113°9′ |
| 59 12- 7[1] | 23s,60 G | |
| III. | 22h 4m | 113°4′ |
| 79 9- 1 | 13s,85 M | 44″,5 M |
| 9- 2 | 14,03 M | 43,8 M |
| 9- 3 | 13,85 M | 43,3 M |

[1] Indiquée à tort 43253 L. (dist. des fils). Le cahier-minute note bien 43233 L.

**31608 P. — 66 $W_2$.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 22h 3m | 66°7′ |
| 58 11-11 | 33s,84 G | |

**31609 P. — 43251 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 22h 3m | 76°3′ |
| 56 8-14 | 34s,17 G | 19″,3 G |
| 57 10-13 | 33,99 G | 20,7 G |
| 58 8-24 | 34,00 G | 20,5 G |
| 9- 8 | | 20,1 F |

**31610 P. — 43255 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 22h 3m | 71°3′ |
| 56 8- 7[1] | 38s,62 G | |
| 9- 8 | | 59″,6 G |
| 58 8-16 | | 61,3 G |
| 9-27 | 38,80 G | 60,7 G |
| 10-12 | 38,76 G | |

[1] 𝒜 augm. de 0s,20 : err. de moy.

**31611 P. — 4478 A + 23°.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 22h 3m | 66°39′ |
| 58 8- 6 | 39s,55 G | |
| 8-31 | 39,70 G | |
| 62 9-18 | 39,61 G | 28″,6 G |

**31611 P. (suite).**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 22h 4m | 66°35′ |
| 71 9-17 | 21s,59 G | |
| 10-12 | 21,43 G | |
| 79 9-25 | 21,50 G | 5″,6 G |
| 10- 7 | 21,52 G | |
| 80 9- 6 | 21,70 M | 8,7 M |
| 9- 9 | 21,56 M | 6,1 M |
| 10- 9 | 21,52 M | 6,6 M |
| 10-12 | 21,49 M | 7,8 M |
| 81 10- 5 | 21,56 M | 8,3 M |

**31612 P. — 43235 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 22h 3m | 117°50′ |
| 57 8-12[1] | 30s,84 G | |
| 59 10-22 | | 20″,2 G |
| 60 10-29 | 30,73 G | |
| 61 10- 3 | | 18,8 G |

[1] 𝒜 diminuée de 0s,80 : erreur de 1s sur quatre fils.

**31613 P. — 43267-68 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 22h 3m | 57°34′ |
| 37 10- 3 | 6s,46 G | |
| 46 10-18 | 6,49 G | |
| II. | 22h 3m | 57°30′ |
| 58 11- 8 | 46s,35 G | 27″,8 G |
| 62 7-21 | 46,33 G | |
| 9- 5 | 46,25 G | |
| 63 8- 7 | 46,44 G | |
| 9- 1 | 46,32 M | |
| 9-11 | 46,19 G | |
| 9-12 | 46,31 G | |
| 9-15 | 46,36 G | 27,9 G |
| 9-18 | 46,26 G | |
| 9-19 | 46,34 G | |
| 9-26 | | 27,1 G |
| 9-27 | | 27,3 G |
| 10- 9 | 46,26 G | |
| 64 8-16 | 46,30 G | |
| 8-27 | 46,30 G | |
| 8-28 | 46,42 G | |
| 8-29 | 46,39 G | |
| 9- 5 | 46,29 G | |
| 9- 9 | 46,39 G | |
| 9-11 | 46,39 G | |
| 9-12 | 46,17 G | |
| 9-26 | 46,18 G | |
| 9-29 | 46,34 G | |
| 9-30 | 46,31 G | |
| 10- 1 | 46,41 G | |
| 10-17 | 46,35 G | |
| 10-20 | | 26,8 G |
| 65 8-26 | | 27,0 G |
| 8-30 | | 26,5 G |
| 9- 1 | 46,39 G | |
| 9- 2 | 46,21 G | |
| 9- 5 | 46,31 G | |
| 9- 6 | 46,40 G | |
| 9- 7 | 46,35 G | |
| 9- 8 | 46,17 G | |
| 9-12 | 46,22 G | |
| 9-13 | 46,38 G | |
| 9-15 | | 26,9 G |
| 9-16 | | 26,6 G |

**31613 P. (suite).**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 22h 3m | 57°30′ |
| 65 9-19 | | 26″,9 G |
| 10- 6 | 46s,25 G | |
| 10- 7 | 46,22 G | |
| 10-21 | 46,31 G | |
| 66 9-26 | | 25,8 G |
| III. | 22h 4m | 57°26′ |
| 68 10-20 | 26s,03 G | 5″,6 G |
| 10-22 | 26,19 G | 4,2 G |
| 69 9-28 | 26,27 M | 3,3 M |
| 10- 9 | 26,08 M | 4,3 M |
| 72 8-31 | 26,11 G | |
| 9- 8 | 26,16 G | |

**31614 P. — 43259 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 22h 3m | 73°58′ |
| 56 9-19 | | 41″,9 G |
| 58 11- 3 | | 41,4 G |
| 60 9-11 | 43s,42 G | 42,4 G |
| 10- 3 | 43,22 G | 41,5 G |

**31615 P. — 43278 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 22h 4m | 43°41′ |
| 80 9-17 | 27s,17 G | 29″,8 G |
| 9-30 | 27,48 G | 30,9 G |

**31616 P. — 43257-58 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 22h 3m | 79°3′ |
| 56 9-16 | 45s,16 G | 36″,2 G |
| III. | 22h 4m | 78°59′ |
| 71 9-15 | 29s,17 M | 13″,9 M |
| 9-15 | 29,42 G | 14,9 G |
| 78 10-12 | 29,35 M | 15,7 M |
| 10-15 | 29,30 M | 15,7 M |
| 10-16 | 29,30 M | 14,8 M |

**31617 P. — 49 $W_1$.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 22h 3m | 98°42′ |
| 58 9- 8 | 42s,44 G | 10″,1 G |

**31618 P. — 43248 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 22h 3m | 100°24′ |
| 54 8-29 | 43s,92 G | |
| 8-30 | 44,06 G | |
| III. | 22h 4m | 100°20′ |
| 78 8-30 | 32s,04 M | |

**31619 P. — 43277 et 318 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 22h 4m | 46°58′ |
| 80 9-16 | 32s,39 G | 3″,6 G |
| 10- 1 | 32,78 G | 3,3 G |
| 10-12 | 32,43 G | |
| 10-18 | 32,59 G | 6,6 G |
| 81 9-28 | 32,44 G | 5,1 G |
| 10-17 | 32,55 G | |

**31620 P. — 43263 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 22h 3m | 71°4′ |
| 58 9-27 | 50s,57 G | |
| 10- 1 | 50,25 G | 48″,6 G |
| 10- 8 | | 48,9 G |

**31621 P. — 43279-80 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 22h 4m | 47°25′ |
| 72 9-20 | 34s,79 M | 35″,5 M |
| 74 9- 9 | 34,65 M | 35,5 M |

**31622 P. — 43269 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 22h 3m | 65°20′ |
| 58 9-24 | 53s,11 G | |
| 10-15 | 52,88 G | |
| 10-17 | 53,12 G | 32″,3 G |
| III. | 22h 4m | 65°16′ |
| 71 8-29 | 34s,85 M | 10″,5 M |

**31623 P. — 43264 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 22h 3m | 69°46′ |
| 37 8- 8 | 10s,90 G | 52″,3 F |
| 8-18 | 10,87 G | 55,3 F |
| 9-27 | 10,84 G | |
| 9-28 | 10,89 G | |
| 9-29 | 10,91 G | |
| 10- 4 | 10,81 G | 51,9 F |
| 10- 9 | 10,92 G | |
| 11- 6 | 10,93 G | |
| 39 9-11 | 10,70 G | 52,0 F |
| 40 9-21 | 10,66 G | |
| 10-10 | 10,64 G | |
| 10-12 | 10,65 G | |
| 10-13 | 10,67 G | |
| 42 10-15 | 10,39 G | |
| 46 9-16 | 10,70 G | |
| 9-22 | | 53,6 G |
| 10- 1[1] | 10,79 G | |
| 10-20 | | 53,4 G |
| 49 9- 7 | 10,83 G | |
| 50 9-18 | 10,76 G | |
| II. | 22h 3m | 69°42′ |
| 58 8- 8 | 53s,28 G | 30″,6 G |
| 9-25 | 53,34 G | 31,7 G |

[1] 𝒜 diminuée de 1m.

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**31624 P. — 43273 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $22^h3^m$ | 55°28′ |
| 60 11-12 | $58^s,11$ G | |
| 62 9-16 | 58,08 G | 18″,3 G |

**31625 P. — 30372 $Mn_t$.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $22^h3^m$ | 98°41′ |
| 58 9-8[1] | $49^s,96$ G | |

[1] 𝒜 diminuée de $9^s$ : erreur de transcr.

**31626 P.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $22^h4^m$ | 65°20′(?) |
| 58 10-15 | $0^s,72$ G | |

**31627 P. — 4481 A + 23°.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $22^h4^m$ | 66°40′ |
| 58 8-31 | $6^s,71$ G | |

**31628 P. — 13241 Cambridge.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $22^h4^m$ | 60°4′ |
| 58 8-7 | $10^s,22$ G | |

**31629 P. — 43282 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $22^h4^m$ | 59°52′ |
| 58 8-30 | $10^s,98$ G | |
| 11-4 | | 22″,1 G |
| 11-10 | 10,83 G | 23,3 G |
| 59 9-23 | 11,39 G | |
| III. | $22^h4^m$ | 59°48′ |
| 79 9-3 | $51^s,64$ G | 1″,3 G |

**31630 P. — 43265 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $22^h4^m$ | 85°23′ |
| 55 9-28 | $6^s,39$ G | |
| 10-9 | 6,42 G | 32″,6 G |
| III. | $22^h4^m$ | 85°19′ |
| 79 9-20 | $51^s,86$ J | 7″,6 J |

**31631 P. — 43260-61 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | $22^h3^m$ | 101°47′ |
| 48 9-17 | $19^s,00$ G | |
| 9-19 | 18,92 G | |
| 9-22 | | 13″,6 G |

**31631 P. (suite).**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $22^h4^m$ | 101°42′ |
| 54 8-31 | $6^s,86$ G | |
| 9-6 | 6,87 G | 50″,4 G |
| 9-10 | | 47,8 G |
| 58 8-15 | | 50,8 G |
| 59 11-11 | | 51,0 G |

**31632 P. — 23541 A. O.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | $22^h3^m$ | 32°41′ |
| 53 10-29 | $59^s,89$ G | |

**31633 P. — 43295 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $22^h4^m$ | 64°52′ |
| 58 8-10 | $26^s,41$ G | 22″,4 G |
| 59 7-28 | 26,29 G | |
| III. | $22^h5^m$ | 64°47′ |
| 79 9-10 | $7^s,92$ G | 57″,9 G |

**31634 P. — 43292 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $22^h4^m$ | 66°11′ |
| 58 10-4 | $26^s,09$ G | 61″,5 G |
| 59 8-21 | 25,99 G | |
| 11-13 | | 58,9 G |

**31635 P. — 93-94 $W_2$.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $22^h4^m$ | 70°53′ |
| 59 8-29 | $26^s,48$ G | |

**31636 P. — 43304 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | $22^h5^m$ | 53°30′ |
| 80 9-5 | $10^s,66$ J | 26″,6 J |
| 9-14 | 10,70 J | 27,2 J |

**31637 P. — 43271 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $22^h4^m$ | 100°26′ |
| 54 9-4 | $23^s,88$ G | 1″,5 G |
| 58 9-13 | | 2,2 G |
| 11-6 | | 2,2 G |
| III. | $22^h5^m$ | 100°21′ |
| 78 8-21 | $11^s,97$ M | 38″,9 M |
| 9-11 | 11,91 M | 38,3 M |

**31638 P. — 43302 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $22^h4^m$ | 60°8′ |
| 58 8-7 | $32^s,44$ G | |
| 11-11 | | 3″,0 G |
| III. | $22^h5^m$ | 60°3′ |
| 71 10-17 | $12^s,85$ G | 37″,8 G |

**31639 P. — 43284 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $22^h4^m$ | 80°58′ |
| 56 8-9 | $34^s,45$ G | |
| 10-22 | | 58″,4 G |
| 60 11-3 | 34,65 G | 58,5 G |
| 61 11-1 | 34,53 G | 58,7 G |

**31640 P. — 43283 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | $22^h3^m$ | 84°34′ |
| 46 7-23 | $50^s,75$ G | |
| II. | $22^h4^m$ | 84°29′ |
| 55 11-2 | $35^s,77$ G | 50″,6 G |
| 57 10-2 | 35,87 G | 51,6 G |
| 58 8-12 | 35,92 G | |

**31641 P. — 30392 $Mn_t$.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | $22^h3^m$ | 91°59′ |
| 40 10-31[1] | $49^s,17$ G | |
| 11-3 | 49,27 G | |
| 11-6 | 49,11 G | |

[1] Erreur de 1° dans la déclin. inscrite. Le registre porte ★ $h = 39°9'$.

**31642 P. — 4675 A + 3°.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $22^h4^m$ | 86°38′ |
| 60 8-25 | $40^s,21$ G | |

**31643 P. — 43285 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | $22^h3^m$ | 91°7′ |
| 40 9-16 | $54^s,48$ G | |
| 44 10-15 | 54,34 G | |
| 10-19 | 54,35 G | |
| II. | $22^h4^m$ | 91°3′ |
| 55 10-5 | $40^s,71$ G | |
| 57 9-18 | | 2″,0 G |
| III. | $22^h5^m$ | 90°58′ |
| 68 10-5 | $26^s,81$ M | 37″,2 M |
| 76 9-20 | 26,85 G | |
| 78 10-15 | 26,83 J | 37,7 J |
| 10-16 | 26,91 J | 37,8 J |

**31644 P. — 43274 à 76 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | $22^h3^m$ | 104°59′ |
| 41 10-18 | $50^s,24$ G | |
| 10-19 | 50,09 G | |
| II. | $22^h4^m$ | 104°54′ |
| 54 9-3 | $38^s,79$ G | |
| 57 8-29 | | 53″,1 G |
| III. | $22^h5^m$ | 104°50′ |
| 79 9-16 | $27^s,43$ J | 29″,6 J |
| 80 9-10 | 27,42 J | 28,2 J |

**31645 P. — 43308 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $22^h4^m$ | 62°57′ |
| 57 9-30 | $49^s,88$ G | 5″,1 G |
| 58 11-1 | 50,06 G | 3,5 G |

**31646 P. — 43321 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | $22^h5^m$ | 43°28′ |
| 80 9-27 | $31^s,94$ G | 25″,8 G |
| 81 9-16 | 31,66 G | 24,4 G |

**31647 P. — 43272 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $22^h4^m$ | 117°46′ |
| 58 10-31 | $41^s,39$ G | 28″,1 G |
| 61 10-28 | 41,25 G | 26,3 G |

**31648 P. — 43307 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $22^h4^m$ | 65°54′ |
| 58 8-28 | $52^s,07$ G | 19″,2 G |
| 10-16 | 52,24 G | 18,9 G |

**31649 P. — 43301 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | $22^h4^m$ | 84°23′ |
| 57 7-27 | $49^s,63$ G | |
| 10-2 | 49,68 G | |
| 11-15 | 49,52 G | |
| 58 8-12 | 49,66 G | 49″,5 G |
| III. | $22^h5^m$ | 84°19′ |
| 71 10-17 | $34^s,81$ M | 24″,5 M |

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### 31650 P. — 42299-300 L.

| A. M. J. | Æ | D |
|---|---|---|
| II. | 22h 4m | 86° 47′ |
| 56 10- 5 | 49s,95 G | 0″,8 G |
| 57 8-13 | 49,96 G | |
| 8-22 | 49,86 G | |
| 9-24 | | 2,0 G |
| 58 9-15 | 49,83 G | |
| 60 11- 5 | 49,93 G | 1,3 G |
| 61 10-19 | 50,17 G | |

### 31651 P. — 43322-23 L.

| A. M. J. | Æ | D |
|---|---|---|
| III. | 22h 5m | 42° 42′ |
| 81 9-30 | 35s,76 G | 1″,8 G |
| 10- 1 | 36,17 G | 2,1 G |

### 31652 P. — 43286-87 L.

| A. M. J. | Æ | D |
|---|---|---|
| I. | 22h 4m | 101° 49′ |
| 39 9-13 | 0s,79 G | 40″,5 F |
| 47 7- 3 | 0,88 G | |
| 7- 9 | 0,85 G | |
| 7-11 | 0,79 G | |
| 7-12 | 0,81 G | |
| 7-21 [1] | 0,86 G | |
| 7-27 | 0,82 G | |
| 7-29 | 0,62 G | |
| 7-31 | 0,89 G | 39,4 F |
| 8- 1 | | 40,6 G |
| 8- 1 | | 40,2 F |
| 8- 2 | 0,83 G | |
| 8- 3 | | 40,2 G |
| 8-12 | | 41,5 G |
| 8-12 | | 37,6 F |
| 8-14 | 0,80 G | 39,5 F |
| 8-16 | 0,85 G | 40,2 F |
| 8-30 | 0,76 G | 39,2 G |
| 9-28 | 0,61 G | |
| 10- 3 | 0,76 G | |
| 10- 6 | 0,86 G | |
| 11-13 | 0,80 G | 42,0 G |
| 12- 8 | 0,87 G | |
| 48 10-26 | 0,81 G | |
| 49 9-25 | 0,72 G | |
| 10-19 | 0,83 G | |
| II. | 22h 4m | 101° 45′ |
| 54 9- 7 | 48s,85 G | |
| 9-21 | 48,88 G | |
| 55 9- 9 | | 16″,1 G |
| 59 11-11 | 48,79 G | |
| III. | 22h 5m | 101° 40′ |
| 79 9-10 | 37s,14 J | 52″,6 J |

[1] Erreur dans la déclinaison approchée inscrite (distance des fils).

### 31653 P. — 43303 L.

| A. M. J. | Æ | D |
|---|---|---|
| II. | 22h 4m | 83° 47′ |
| 56 10-28 | 54s,48 G | |
| 57 8-21 | 54,68 G | |
| 9-27 | 54,66 G | |
| 10- 7 | 54,64 G | 32″,6 G |

### 31653 P. (suite).

| A. M. J. | Æ | D |
|---|---|---|
| III. | 22h 5m | 83° 43′ |
| 72 10-25 | 39s,68 G | |
| 74 9- 9 | 39,76 G | 9″,7 G |
| 9-15 | 39,60 G | 10,8 G |
| 9-30 | | 9,6 G |
| 75 10-19 | 39,81 M | 8,6 M |

### 31654 P. — 43314 L.

| A. M. J. | Æ | D |
|---|---|---|
| II. | 22h 5m | 61° 26′ |
| 58 9-17 | 1s,10 G | |
| 60 10-24 | 0,85 G | 0″,5 G |
| 11-16 | | 1,8 G |

### 31655 P. — 43289 à 91 L.

| A. M. J. | Æ | D |
|---|---|---|
| I. | 22h 4m | 104° 57′ |
| 39 8-20 | 4s,03 G | |
| 8-21 | 3,97 G | |
| 8-23 [1] | 3,82 G | 16″,3 F |
| 40 9-12 [2] | 3,99 G | |
| 10- 8 | 3,93 G | |
| 41 9-11 | 3,94 G | 18,5 F |
| 9-13 | 3,81 G | |
| 10-18 | 4,00 G | |
| 10-19 | 3,83 G | |
| 10-20 | 3,94 G | |
| 10-21 | 3,92 G | |
| 49 8-25 | 4,14 G | |
| 53 7-31 | 3,87 G | |
| 11- 4 | 3,83 G | |
| II. | 22h 4m | 104° 52′ |
| 54 9- 8 | 52s,52 G | 53″,5 G |
| 58 9-11 | | 53,9 G |
| III. | 22h 5m | 104° 48′ |
| 80 8-26 | 41s,21 M | 30″,0 M |
| 81 10-17 | 41,26 M | 30,9 M |

[1] D diminuée de 30″ (1 tour de vis des microscopes).
[2] Erreur de 5° dans la déclinaison approchée inscrite (distance des fils).

### 31656 P. — 43288 L.

| A. M. J. | Æ | D |
|---|---|---|
| II. | 22h 4m | 108° 43′ |
| 57 9- 6 | | 0″,5 G |
| III. | 22h 5m | 108° 38′ |
| 78 10- 8 | 43s,41 M | 36″,9 M |
| 10-17 | 43,39 M | 35,2 M |

### 31657 P. — 43319 L.

| A. M. J. | Æ | D |
|---|---|---|
| II. | 22h 5m | 54° 25′ |
| 67 10-31 | | 22″,7 G |

### 31657 P. (suite).

| A. M. J. | Æ | D |
|---|---|---|
| III. | 22h 5m | 54° 21′ |
| 80 9-17 | 44s,17 J | 1″,8 J |
| 9-26 | 44,16 J | 1,1 J |
| 9-29 | 43,84 J | 1,0 J |

### 31658 P. — 43320 L.

| A. M. J. | Æ | D |
|---|---|---|
| III. | 22h 5m | 53° 19′ |
| 80 9-24 | 45s,95 J | 17″,0 J |
| 9-27 | 45,90 J | 16,6 J |
| 81 10-15 | 45,74 J | 16,4 J |

### 31659 P. — 43312-13 L.

| A. M. J. | Æ | D |
|---|---|---|
| I. | 22h 4m | 74° 43′ |
| 39 9- 7 | 22s,30 G | 14″,3 F |
| 9- 8 | 22,31 G | 15,8 F |
| 9- 9 | 22,35 G | 13,2 F |
| 9-10 | | 14,5 F |
| 41 9-10 | 22,24 G | 15,5 F |
| II. | 22h 5m | 74° 38′ |
| 56 8-13 | 5s,75 G | 53″,9 G |
| 9-14 | 5,63 G | |
| 9-20 | 5,49 G | 51,7 G |
| 57 10-20 | 5,72 G | 52,1 G |

### 31660 P. — 43327-28 L.

| A. M. J. | Æ | D |
|---|---|---|
| II. | 22h 5m | 47° 39′ |
| 66 8-18 | 14s,64 | |
| III. | 22h 5m | 47° 35′ |
| 79 9-18 | 51s,99 G | 1″,4 G |
| 9-28 | 51,78 G | |
| 10- 4 | 51,91 G | 2,8 G |
| 10-20 | 51,97 G | 0,5 G |
| 80 9- 9 | | 0,2 G |
| 10-29 [1] | 52,73 G | 2,4 G |
| 81 9-15 | 51,96 G | 1,7 G |

[1] Æ non comprise dans la moyenne : erreur probable de 1s.

### 31661 P. — 43281 et 96 L.

| A. M. J. | Æ | D |
|---|---|---|
| II. | 22h 5m | 111° 34′ |
| 54 10-31 | 2s,60 G | |
| 58 8- 5 | | 38″,9 G |
| III. | 22h 5m | 111° 30′ |
| 79 10- 3 | 52s,63 M | 18″,7 M |
| 80 8-31 | 52,51 M | 15,9 M |

### 31662 P. — 30420 Mn$_1$.

| A. M. J. | Æ | D |
|---|---|---|
| I. | 22h 4m | 78° 37′ |
| 40 9-29 | 28s,23 G | |

### 31663 P. — 43309 à 11 L.

| A. M. J. | Æ | D |
|---|---|---|
| I. | 22h 4m | 88° 1′ |
| 43 11-29 | 24s,92 G | |
| II. | 22h 5m | 87° 57′ |
| 55 10-31 | 10s,87 G | |
| 56 9- 4 | | 15″,7 G |
| III. | 22h 5m | 87° 52′ |
| 71 9-18 | 56s,49 M | 51″,4 M |

### 31664 P. — 43332-33 L.

| A. M. J. | Æ | D |
|---|---|---|
| III. | 22h 5m | 47° 5′ |
| 81 9-19 | 58s,82 G | 10″,2 G |
| 10- 3 | 58,78 G | 12,0 G |

### 31665 P. — 9918 Rümker.

| A. M. J. | Æ | D |
|---|---|---|
| I. | 22h 4m | 102° 10′ |
| 48 11-14 | 22s,83 G | |

### 31666 P. — 43305-06 L.

| A. M. J. | Æ | D |
|---|---|---|
| II. | 22h 5m | 98° 42′ |
| 55 11-28 | 12s,10 G | |
| 58 8-23 | 12,18 G | 8″,8 G |
| 8-27 | | 8,3 F |
| 9- 9 | | 6,6 F |
| 9-13 | | 6,9 F |
| 9-26 | 12,00 G | |
| 9-27 | | 7,8 F |
| 59 9- 5 | 12,14 G | |
| III. | 22h 5m | 98° 37′ |
| 74 8-19 | 59s,78 G | 44″,4 G |
| 76 10- 9 | 59,68 M | 45,5 M |
| 10-14 | 59,70 M | 45,9 M |

### 31667 P. — 43317 et 45 L.

| A. M. J. | Æ | D |
|---|---|---|
| II. | 22h 5m | 78° 56′ |
| 57 9-13 | 16s,60 G | 25″,2 G |
| III. | 22h 6m | 78° 52′ |
| 71 9- 2 | 1s,04 G | 1″,7 G |
| 81 9-29 | 0,88 J | 1,8 J |
| 10- 4 | 0,78 J | 3,7 J |
| 10-19 | 0,62 J | 2,0 J |

### 31668 P. — 43297-98 L.

| A. M. J. | Æ | D |
|---|---|---|
| II. | 22h 5m | 117° 11′ |
| 59 10-22 | | 7″,5 G |
| 60 10-25 | 10s,31 G | 8,9 G |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜, 𝒫)

### 31668 P. (suite).

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 22h 6m | 117° 6′ |
| 79 9-26 | 1s,39 J | 44″,4 J |

### 31669 P. — 43329-30 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 22h 6m | 50° 54′ |
| 68 10- 7 | | 8″,8 G |
| 10- 8 | | 8,1 G |
| 74 8-19 | 1s,68 M | 9,9 M |
| 9-12 | 1,75 M | 9,9 M |
| 9-30 | 1,70 M | 9,2 M |
| 10- 7 | 1,71 M | 10,4 M |
| 75 9-15 | 1,68 M | 10,3 M |

### 31670 P. — 16442 Bonn.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 22h 4m | 41° 42′ |
| 45 8- 4 | 53s,72 G | |

### 31671 P. — 9932 Rümker.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h 5m | 66° 54′ |
| 58 8-31 | 24s,32 G | |

### 31672 P. — 43342 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 22h 6m | 41° 56′ |
| 72 9-26 | 8s,07 M | 16″,6 M |
| 74 9-18 | 8,17 G | 16,4 G |
| 75 8-17 | 8,17 G | 16,5 G |

### 31673 P. — 43326 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h 5m | 64° 39′ |
| 58 9-19 | 31s,08 G | |
| 61 9- 2 | 31,30 G | 20″,1 G |
| 9- 3 | 31,12 G | 20,4 G |
| 10- 2 | 31,31 G | 17,4 G |
| 10-15 | 31,26 G | 20,2 G |
| III. | 22h 6m | 64° 34′ |
| 71 9-18 | 12s,63 G | 55″,4 G |
| 10-14 | 12,62 G | 56,3 G |

### 31674 P. — 43315 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 22h 4m | 95° 28′ |
| 48 9-21 | 39s,46 G | |
| 49 9-28 | 39,28 G | |
| II. | 22h 5m | 95° 24′ |
| 56 10-26 | 26s,30 G | |
| 10-27 | 26,19 G | |
| 57 8-11 | | 32″,0 G |
| 10-16 | 26,27 G | 33,9 G |

### 31674 P. (suite).

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 22h 6m | 95° 20′ |
| 75 11- 2 | 13s,13 M | 10″,8 M |
| 76 10-16 | 13,28 M | 11,7 M |

### 31675 P. — 9925 Rümker.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 22h 4m | 112° 10′ |
| 48 9-16 | 34s,25 G | |

### 31676 P. — 43352 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 22h 6m | 38° 12′ |
| 79 9-10 | 16s,54 M | 16″,6 M |
| 81 10- 4 | 16,40 M | 18,7 M |
| 10-10 | 16,23 M | 18,2 M |

### 31677 P. — 43349 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 22h 6m | 39° 47′ |
| 81 10-18 | 18s,53 G | 35″,7 G |
| 10-21 | | 36,4 G |
| 10-30 | 18,62 G | 36,9 G |

### 31678 P. — 43331 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 22h 4m | 65° 48′ |
| 40 10-30[1] | 56s,00 G | |
| II. | 22h 5m | 65° 44′ |
| 58 11-12 | 37s,70 G | |
| 59 11-20 | 37,59 G | |
| 60 8-17 | 37,69 G | 19″,1 F |
| 9-29 | | 20,0 G |
| 62 9-13 | 37,60 G | 18,9 G |

[1] 𝒜 diminuée de 1m.

### 31679 P. — 43346-47 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 22h 6m | 43° 28′ |
| 81 10- 4 | 20s,36 G | 4″,2 G |
| 10-15[1] | 19,99 G | 4,5 G |

[1] 𝒫 diminuée de 22″,7. On a omis dans la réduction de tenir compte de la distance du fil mobile au fil fixe.

### 31680 P. — 43341 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 22h 6m | 52° 11′ |
| 73 10- 8 | 21s,67 G | 59″,5 G |
| 10-16 | 21,52 G | 58,3 G |
| 10-17 | 21,68 G | 57,6 G |
| 74 11- 5 | 21,81 M | 58,4 G |

### 31681 P. — 43316 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h 5m | 104° 33′ |
| 54 9- 9 | 33s,72 G | |
| 9-10 | 33,69 G | |
| 10-31 | | 39″,2 G |
| 58 10- 6 | 33,83 G | 38,4 G |
| III. | 22h 6m | 104° 29′ |
| 78 9-29 | 22s,39 M | |
| 10- 3 | 22,29 M | 15″,5 M |

### 31682 P. — 43336 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h 5m | 89° 30′ |
| 56 8-31 | 36s,04 G | 14″,5 G |
| 9- 1 | 36,14 G | |
| III. | 22h 6m | 89° 25′ |
| 75 10-16 | | 51″,1 M |
| 81 9- 4 | | 51,0 J |
| 9-16 | 22s,50 J | 53,0 J |
| 9-30 | 22,63 J | 51,7 J |
| 10- 3 | 22,31 J | 51,7 J |
| 10-10 | 22,32 J | 51,4 J |

### 31683 P. — 9936 Rümker.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 22h 4m | 101° 56′ |
| 48 9-20 | 51s,74 G | |
| 10- 3 | | 15″,6 G |

### 31684 P.

21 ζ Céphée.

Étoile fondamentale.

### 31685 P. — 43340 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 22h 5m | 67° 0′ |
| 40 10-10 | 12s,20 G | |
| 10-12 | 12,13 G | |
| 10-13 | 12,15 G | |
| II. | 22h 5m | 66° 55′ |
| 58 8-31 | 54s,02 G | |
| 9-10 | 54,19 G | 49″,4 G |
| 9-30 | 54,30 G | 48,8 G |

### 31686 P. — 139 W2.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h 5m | 59° 53′ |
| 59 9-23 | 57s,07 G | |

### 31687 P. — 43335 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h 5m | 84° 30′ |
| 55 11-26 | | 57″,0 G |
| 56 10-18 | | 56,0 G |
| 57 8-20 | 58s,29 G | |
| 10- 6 | 58,41 G | |
| III. | 22h 6m | 84° 26′ |
| 69 10- 1 | | 34″,2 G |

### 31688 P. — 43339 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 22h 5m | 75° 45′ |
| 39 9- 7 | | 20″,3 G |
| 9- 8 | | 21,4 G |
| 9- 9[1] | | 4,2 G |
| 9-10 | | 19,1 G |
| II. | 22h 5m | 75° 40′ |
| 57 9-20 | 59s,76 G | 54″,6 G |
| 10- 3 | 59,67 G | 55,0 G |
| 58 8-16 | | 55,4 G |

[1] 𝒫 non comprise dans la moyenne.

### 31689 P. — 43324-25 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 22h 5m | 102° 41′ |
| 47 11- 1 | 8s,82 G | |
| 48 7-22 | 8,69 G | |
| 11- 9 | 8,69 G | |
| 11-10 | 8,85 G | |
| 49 8- 6 | 8,90 G | |
| 52 8-31 | 8,70 G | |
| 9- 1 | 8,77 G | |
| 9- 2 | 8,81 G | |
| 9- 3 | 8,79 G | |
| II. | 22h 5m | 102° 36′ |
| 54 9-16 | 56s,95 G | |
| 57 8-29 | | 59″,1 G |
| 59 10- 3 | | 58,3 G |
| III. | 22h 6m | 102° 32′ |
| 79 9- 1 | 45s,25 J | 34″,6 J |

### 31690 P. — 4487 A + 23°.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h 6m | 66° 54′ |
| 58 9-30 | 5s,74 G | |

### 31691 P. — 43380 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 22h 6m | 38° 11′ |
| 81 9-13 | 54s,07 G | 9″,9 G |
| 10- 5 | 54,23 G | 11,4 G |

### 31692 P. — 43357 L.

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|
| III. | $22^h6^m$ | 55°49′ |
| 80 9-20 | $54^s,66$ J | 60″,4 J |
| 9-30 | 54,55 J | 59,6 J |

### 31693 P. — 21996 A. O.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $22^h6^m$ | 114°17′ |
| 79 9- 1 | $55^s,27$ M | 40″,3 M |
| 9- 2 | 55,33 M | 41,1 M |
| 9- 3 | 55,18 M | 40,4 M |

### 31694 P. — 43338 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $22^h6^m$ | 92°20′ |
| 56 8-24 | $10^s,81$ G | 27″,5 G |
| 57 10-12 | . | 30,0 G |
| III. | $22^h6^m$ | 92°16′ |
| 76 10-14 | $57^s,34$ G | 6″,0 G |
| 77 9- 4 | 57,55 G | 6,5 G |
| 78 9- 2 | 57,62 J | 6,2 J |
| 9- 4 | | 6,3 J |
| 9-27 | 57,47 G | 5,9 G |
| 10- 2 | 57,59 J | 6,3 J |

### 31695 P. — 43376-77 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $22^h6^m$ | 43°31′ |
| 80 8-31 | $59^s,89$ G | 16″,1 G |
| 9-20 | 59,71 G | 15,6 G |

### 31696 P. — 43389 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $22^h7^m$ | 79°46′ |
| 81 9-19 | $7^s,22$ J | 6″,4 J |
| 9-28 | 7,22 J | 6,7 J |
| 10- 5 | 7,11 J | 7,4 J |
| 10-17 | 6,96 J | 7,7 J |

### 31697 P. — 30459 $Mn_1$.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $22^h7^m$ | 98°25′ |
| 69 9- 1 | $8^s,24$ M | 36″,7 M |
| 79 9-30 | 8,39 J | 37,6 J |
| 10-12 | 8,41 J | 38,1 J |
| 10-16 | 8,36 J | 37,8 J |

### 31698 P. — 43354 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $22^h6^m$ | 82°15′ |
| 57 8- 6 | $25^s,64$ G | 54″,2 G |
| 58 9-28 | 25,58 G | 53,7 G |
| III. | $22^h7^m$ | 82°11′ |
| 79 8-31 | $10^s,39$ G | 29″,4 G |

### 31699 P. — 43355 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $22^h5^m$ | 72°29′ |
| 41 9-10 | $44^s,52$ G | |
| II. | $22^h6^m$ | 72°24′ |
| 56 8-14 | $27^s,61$ G | 34″,3 G |
| 9-16 | 27,75 G | 34,8 G |
| 58 8-26 | 27,64 G | 35,5 G |
| 9-12 | | 36,1 G |

### 31700 P. — 43337 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $22^h5^m$ | 112°10′ |
| 50 8- 4 | $31^s,52$ G | |
| 8-12 | 31,75 G | |
| II. | $22^h6^m$ | 112°6′ |
| 55 9-24 | $21^s,72$ G | 8″,3 G |
| III. | $22^h7^m$ | 112°1′ |
| 79 9- 3 | $11^s,74$ J | 46″,7 J |

### 31701 P. — 43334 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $22^h5^m$ | 118°32′ |
| 50 8- 3 | $30^s,71$ G | |
| 8-29 | | 1″,3 G |
| 12-13 | 30,84 G | |
| II. | $22^h6^m$ | 118°27′ |
| 58 9- 9 | $22^s,12$ G | 34″,2 G |
| 60 9-20 | 22,20 G | 34,5 G |

### 31702 P. — 43374-75 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $22^h6^m$ | 56°5′ |
| 66 9-10 | $36^s,34$ G | |
| 9-20[1] | 36,30 G | |
| 9-26 | 36,44 G | 4″,0 G |
| 67 10-25 | | 4,4 G |
| III. | $22^h7^m$ | 56°0′ |
| 68 10-20 | $15^s,82$ G | 40″,2 G |
| 10-22 | 15,90 G | 38,7 G |
| 69 9-17 | 16,07 M | 38,0 M |
| 73 10-28 | 15,90 G | |
| 74 10-16 | 15,92 M | 39,7 M |

[1] 𝒜 diminuée de $1^s$ : erreur de transcr.

### 31703 P. — λ Céphée.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $22^h6^m$ | 31°20′ |
| 50 9- 8 | $15^s,14$ G | |
| 9-17 | | 56″,4 F |
| 53 10-12 | | 56,3 G |

### 31704 P. — 2926 Br.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $22^h6^m$ | 33°55′ |
| 50 9-17 | | 46″,7 G |

### 31705 P. — 43358 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $22^h6^m$ | 77°58′ |
| 58 8-24 | $33^s,90$ G | 10″,2 G |
| 11- 6 | | 10,7 G |
| 59 9-24 | 34,03 G | 11,9 G |
| 61 9-27 | 34,03 G | 11,2 G |
| 10-18 | 34,06 G | 10,7 G |

### 31706 P. — 43353 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $22^h5^m$ | 95°12′ |
| 39 8-21 | $47^s,01$ G | |
| 8-23 | 47,02 G | 57″,9 F |
| 9-11 | 46,99 G | 58,0 F |
| 40 9-10 | 47,08 G | 58,6 F |
| 49 8-15 | 46,96 G | |
| 10-18 | | 59,4 G |
| II. | $22^h6^m$ | 95°8′ |
| 56 7-26 | $33^s,89$ G | |
| 8- 4 | 33,94 G | |
| 57 8-16 | 33,91 G | |
| 11-11 | 33,98 G | |
| 60 10- 4 | 34,03 G | 34″,7 G |
| 61 10-17 | 33,87 G | 33,9 G |

### 31707 P. — 43343-44 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $22^h5^m$ | 111°50′ |
| 39 8-24 | $43^s,76$ G | 34″,6 F |
| 49 9- 8 | 43,81 G | |
| II. | $22^h6^m$ | 111°46′ |
| 58 10-30 | | 7″,6 G |
| 60 10-22 | $33^s,85$ G | |
| 61 10- 3 | | 9,5 G |
| 10-26 | 33,91 G | 10,9 G |
| III. | $22^h7^m$ | 111°41′ |
| 73 9-20 | $23^s,56$ M | 42″,8 M |
| 9-23 | 23,34 M | |
| 9-23 | 23,52 G | |
| 9-25 | 23,50 G | |

### 31708 P. — 24 Céphée.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $22^h7^m$ | 18°20′ |
| 63 9-15 | | 53″,4 G |
| 65 9-18 | | 52,4 G |
| 9-19 | | 52,5 G |
| 9-20 | | 52,5 G |
| 9-21 | | 52,2 G |
| 9-22 | | 52,8 G |

### 31709 P. — 43372-73 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $22^h6^m$ | 64°41′ |
| 58 8- 8 | $42^s,94$ G | 41″,8 G |
| 9-25 | 43,01 G | 42,6 G |
| 10-15 | 43,00 G | |
| 10-17 | 42,89 G | 41,8 G |
| 11- 7 | 42,91 G | 41,7 G |
| 59 9-11 | 43,18 G | 43,1 G |
| III. | $22^h7^m$ | 64°40′ |
| 71 9-17 | $24^s,63$ G | 19″,3 G |

### 31710 P. — 43356 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $22^h5^m$ | 89°53′ |
| 40 10-31 | $54^s,21$ G | |
| 11- 3 | 54,18 G | |
| 11- 6 | 54,17 G | |
| II. | $22^h6^m$ | 89°48′ |
| 61 8-29 | $40^s,35$ G | 50″,1 G |
| 8-30 | 40,29 G | 49,3 G |
| 8-31 | 40,33 G | 50,5 G |

### 31711 P. — 43359 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $22^h6^m$ | 89°4′ |
| 56 10-21 | | 58″,8 G |
| 10-25 | $41^s,73$ G | |
| III. | $22^h7^m$ | 89°0′ |
| 71 9-13 | $27^s,68$ M | 32″,8 M |

### 31712 P. — 43348 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $22^h7^m$ | 109°51′ |
| 81 9-15 | $28^s,83$ J | 57″,8 J |

### 31713 P. — 43383 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $22^h6^m$ | 57°5′ |
| 59 10-27 | | 25″,5 G |
| 61 10- 1 | | 23,9 G |
| 10- 5[1] | $49^s,52$ G | 26,2 G |
| 62 9-12 | 49,63 G | 26,0 G |
| 9-18 | 49,65 G | 25,1 G |
| 67 10-30 | | 25,5 G |

[1] 𝒜 diminuée de $0^s,30$ (*Voir* 30809 P.).

### 31714 P. — 43361-62 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $22^h6^m$ | 82°58′ |
| 55 10-20 | $45^s,13$ G | |
| 57 10-24 | | 37″,4 G |
| 59 10-16 | 45,10 G | |

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. Æ | 𝔓 |
|---|---|---|

**31714 P. (suite).**

| | III. | |
|---|---|---|
| | 22h7m | 82°54′ |
| 79 9- 3 | 29s,97 G | 11″,0 G |

**31715 P. — 43370 L.**

| | II. | |
|---|---|---|
| | 22h6m | 85°11′ |
| 56 9- 6 | 54s,50 G | 34″,1 G |
| 61 10-20[1] | 54,72 G | 35,6 G |

[1] Æ augmentée de 1m.

**31716 P. — 3714 Gr.**

| | I. | |
|---|---|---|
| | 22h6m | 35°40′ |
| 40 11-27[1] | 40s,47 G | 0″,7 G |

[1] Observation de distance polaire faite près du zénith sans indication de la position de l'observateur. On n'a pas tenu compte de la valeur de l'équation personnelle dans le calcul de la distance polaire.

**31717 P. — 43378-79 L.**

| | II. | |
|---|---|---|
| | 22h7m | 84°54′ |
| 56 8-26 | 0s,81 G | 52″,4 G |
| | III. | |
| | 22h7m | 84°50′ |
| 75 10-12 | 46s,25 M | 28″,2 M |

**31718 P. — 43365-66 L.**

| | I. | |
|---|---|---|
| | 22h6m | 103°1′ |
| 41 10-19 | 12s,57 G | |
| 10-20 | 12,77 G | |
| | II. | |
| | 22h7m | 102°56′ |
| 54 9-25[1] | 1s,03 G | 53″,4 G |
| 9-30 | | 51,5 G |
| | III. | |
| | 22h7m | 102°52′ |
| 78 8-21 | 49s,29 M | 24″,4 M |
| 10- 4 | 49,31 M | 24,7 M |

[1] 𝔓 augmentée de 30″ : erreur de moy.

**31719 P. — 43363-64 L.**

| | II. | |
|---|---|---|
| | 22h7m | 106°29′ |
| 54 9-19 | 3s,09 G | |
| 9-27 | | 50″,3 G |
| | III. | |
| | 22h7m | 106°25′ |
| 78 8-21 | 51s,93 G | 31″,8 G |

**31720 P. — 43367-68 L.**

| | II. | |
|---|---|---|
| | 22h7m | 105°47′ |
| 54 9-20 | | 26″,7 G |
| 9-26 | 3s,26 G | 27,1 G |
| | III. | |
| | 22h7m | 105°43′ |
| 78 10-12 | 52s,11 M | 4″,4 M |
| 10-15 | 52,15 M | 5,3 M |

**31721 P. — 123 W$_1$.**

| | I. | |
|---|---|---|
| | 22h6m | 102°2′ |
| 48 10-21 | 17s,94 G | |

**31722 P. — 9981 Rümker.**

| | I. | |
|---|---|---|
| | 22h6m | 30°0′ |
| 50 8-31 | 54s,70 G | 22″,7 G |
| 8-31[1] | | 22,1 F |

[1] 𝔓 augmentée de 20′.

**31723 P. — 43390-91 L.**

| | II. | |
|---|---|---|
| | 22h7m | 62°5′ |
| 58 8-30 | 13s,74 G | |
| 10- 4 | 13,82 G | 1″,8 G |
| 59 8-21 | 13,71 G | 2,4 G |
| 63 8- 7 | 13,91 G | |
| 8-14 | 14,07 G | |
| 9-11 | 13,84 G | |
| 9-12 | 13,95 G | |
| 9-15 | 13,95 G | |
| 9-18 | 13,86 G | |
| 9-19 | 13,76 G | |
| 10- 9 | 13,87 G | |
| 64 8-27 | 13,88 G | |
| 9- 5 | 13,95 G | |
| 9- 9 | 13,93 G | |
| 9-11 | 13,98 G | |
| 9-12 | 13,92 G | |
| 9-26 | 13,89 G | |
| 9-29 | 13,96 G | |
| 10-17 | 13,90 G | |
| 65 9- 2 | 13,94 G | |
| 9- 5 | 13,83 G | |
| 9- 6 | 13,88 G | |
| 9- 7 | 13,96 G | |
| 9- 8 | 13,85 G | |
| 9-12 | 13,92 G | |
| 9-13 | 13,87 G | |
| 10- 5 | 13,96 G | |
| 10- 6 | 13,88 G | |
| 10- 7 | 13,98 G | |
| 10-21 | 13,82 G | |
| | III. | |
| | 22h7m | 62°0′ |
| 71 10-23 | 54s,75 G | |
| 72 9- 8 | 54,90 G | |
| 74 9- 9 | 54,95 M | 36″,3 M |
| 10- 8 | 54,94 M | 36,8 M |
| 75 10- 6 | 54,98 M | 38,2 M |

**31724 P. — 43382 L.**

| | III. | |
|---|---|---|
| | 22h7m | 90°34′ |
| 76 9-20 | 57s,38 G | 11″,3 G |
| 78 9-14 | 57,46 M | 10,2 M |
| 10-12 | 57,40 J | 10,8 J |
| 10-16 | 57,49 J | 10,6 J |

**31725 P. — 43371 L.**

| | II. | |
|---|---|---|
| | 22h7m | 106°23′ |
| 54 8-27[1] | 9s,29 G | 36″,3 G |
| 58 8-15 | | 37,1 G |
| 9-13 | | 37,0 G |
| | III. | |
| | 22h7m | 106°19′ |
| 78 10-16 | 58s,31 M | 11″,5 M |

[1] Æ augmentée de 1m : erreur de transcr.

**31726 P. — 43403 L.**

| | III. | |
|---|---|---|
| | 22h7m | 41°14′ |
| 72 9-25 | 58s,94 M | 50″,0 M |

**31727 P. — 172-173 W$_2$.**

| | III. | |
|---|---|---|
| | 22h8m | 51°23′ |
| 74 10-27 | 1s,26 M | 24″,0 M |
| 79 10- 3 | 1,30 J | 25,1 J |

**31728 P. — 129 W$_1$.**

| | II. | |
|---|---|---|
| | 22h7m | 88°42′ |
| 58 8-12 | 16s,63 G | 40″,2 G |

**31729 P. — 30502 Mn$_1$.**

| | II. | |
|---|---|---|
| | 22h7m | 72°34′ |
| 57 10-13 | 20s,35 G | 12″,4 G |

**31730 P. — 43369 L.**

| | II. | |
|---|---|---|
| | 22h7m | 77°59′ |
| 58 9- 8 | | 14″,9 F |

**31731 P. — 10028 Y.F.**

| | I. | |
|---|---|---|
| | 22h6m | 116°24′ |
| 39 9- 8 | | 51″,4 F |

**31732 P. — 43384 L.**

| | I. | |
|---|---|---|
| | 22h6m | 97°10′ |
| 40 9-29 | 34s,12 G | |
| | II. | |
| | 22h7m | 97°5′ |
| 55 10- 5 | 21s,48 G | |
| 57 8-11 | | 34″,4 G |
| | III. | |
| | 22h8m | 97°1′ |
| 74 8-19 | 8s,76 G | 9″,1 G |

**31733 P. — 25 Piazzi.**

| | I. | |
|---|---|---|
| | 22h6m | 116°44′ |
| 39 8-20 | 27s,39 G | |
| 9- 8 | 27,27 G | |

**31734 P. — 43381 L.**

| | II. | |
|---|---|---|
| | 22h7m | 110°35′ |
| 58 8- 5 | | 19″,0 G |
| 10-31 | 22s,99 G | |
| | III. | |
| | 22h8m | 110°30′ |
| 79 9- 8 | 12s,60 M | 55″,1 M |
| 80 9-10 | 12,51 J | 54,6 J |

**31735 P. — 43386 L.**

| | II. | |
|---|---|---|
| | 22h7m | 96°34′ |
| 57 7-12 | 27s,12 G | |
| 8- 7 | 26,77 G | 29″,8 G |
| | III. | |
| | 22h8m | 96°30′ |
| 79 9-16 | 14s,09 J | 9″,0 J |

**31736 P. — 43392-93 L.**

| | II. | |
|---|---|---|
| | 22h7m | 82°42′ |
| 56 8- 9 | 30s,29 G | |
| 9- 2 | | 59″,3 G |
| 57 9-21 | 30,40 G | |
| 9-22 | | 59,7 G |
| 58 8-27 | 30,13 G | 59,3 G |

**31737 P. — 43397 L.**

| | III. | |
|---|---|---|
| | 22h8m | 73°25′ |
| 74 9-12 | 18s,14 G | 35″,0 G |
| 9-17 | | 36,1 G |
| 9-18 | 18,06 G | 35,9 G |

Dates 1800+ — Positions moyennes pour les époques du Catal.

**31738 P. — 43399 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 22h 7m | 72°40′ |
| 56 9-20 | 37s,07 G | |
| 58 8-16 | | 20″,8 G |
| 9-27 | 36,82 G | 21,2 G |
| | III. | |
| | 22h 8m | 72°35′ |
| 71 9-14 | 20s,34 G | |
| 9-15 | 20,17 M | 56″,0 M |
| 9-15 | 20,37 G | 55,6 G |

**31739 P. — 43387 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 22h 7m | 97°25′ |
| 58 11- 3 | 32s,99 G | 44″,1 G |
| | III. | |
| | 22h 8m | 97°21′ |
| 79 10- 6 | 20s,31 M | 18″,0 M |

**31740 P. — 30515 Mn₁.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 22h 6m | 91°32′ |
| 44 10-15 | 48s,49 G | |
| 10-19 | 48,59 G | |

**31741 P. — 43418 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 22h 8m | 41°14′ |
| 80 9- 2 | | 31″,3 G |
| 9-14 | 22s,24 G | 32,2 G |

**31742 P. — 43388 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 22h 7m | 99°40′ |
| 56 10- 8 | | 2″,6 G |
| 61 9- 2 | 35s,28 G | |
| 10-16 | 35,51 G | 3,8 G |

**31743 P. — 43396 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 22h 7m | 86°24′ |
| 57 8-21 | 42s,51 G | |
| 9-27 | 42,50 G | |
| 10- 2 | 42,55 G | 42″,3 G |
| 10- 7 [1] | 42,43 G | 43,2 G |
| 60 11- 5 | 42,41 G | 43,0 G |

[1] 𝒟 augmentée de 10′: erreur de réduct.

**31744 P. — 43404 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 22h 7m | 61°27′ |
| 58 11-10 | 47s,22 G | 23″,7 G |
| 59 7-28 | 47,27 G | |
| 60 11-16 [1] | | 24,9 G |

IV.

**31744 P. (suite).**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 22h 8m | 61°22′ |
| 79 9-10 | 28s,24 G | 58″,7 G |

[1] 𝒟 diminuée de 28′ : erreur de réduct.

**31745 P. — 43408-09 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 22h 7m | 50°58′ |
| 61 11-17 | 52s,45 G | |
| 62 7-21 | 52,18 G | |
| 9- 5 | 52,39 G | |
| 9-11 | 52,24 G | |
| 65 9-23 | | 41″,6 G |
| 9-25 | | 41,2 G |
| 9-26 | | 44,0 G |
| 66 9- 1 | 52,32 G | |
| | III. | |
| | 22h 8m | 50°54′ |
| 68 10-10 | 30s,74 G | 16″,6 G |
| 74 9-17 | 30,79 M | 15,5 M |
| 10-10 | 30,81 M | 15,8 M |
| 10-31 | 30,73 M | 16,0 M |
| 11- 4 | 30,66 M | 16,7 M |

**31746 P. — 43405 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 22h 8m | 57°23′ |
| 80 9-29 | 34s,69 J | 31″,7 J |
| 10- 1 | 34,71 J | 33,6 J |

**31747 P. — 43398 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 22h 8m | 92°40′ |
| 81 10-15 | 35s,81 J | 44″,6 J |

**31748 P. — 4986 A + 6°.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 22h 7m | 83°47′ |
| 61 11- 1 | 51s,53 G | |

**31749 P. — 43400 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 22h 7m | 96°16′ |
| 58 9-26 | 53s,06 G | 42″,9 G |
| | III. | |
| | 22h 8m | 96°12′ |
| 79 10- 6 | 40s,12 J | 18″,0 J |

**31750 P. — 43427-28 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 22h 8m | 45°15′ |
| 66 8-29 [1] | 3s,99 G | |

**31750 P. (suite).**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 22h 8m | 45°10′ |
| 68 10-28 | 40s,57 M | 43″,8 M |
| 74 9-19 | 40,75 G | 42,3 G |
| 9-24 | | 42,4 G |
| 10-27 | | 42,2 G |

[1] 𝒜 diminuée de 0s,50 : erreur de moy.

**31751 P. — 43432 L**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 22h 8m | 41°8′ |
| 80 9- 2 | 40s,80 G | |
| 9-13 | 41,03 G | 54″,0 G |
| 81 9-28 | 40,80 G | 54,1 G |

**31752 P. — 183 W₂.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 22h 8m | 61°29′ |
| 59 7-28 | 5s,77 G | |
| 60 11-16 | | 24″,8 G |

**31753 P. — 3724 Gr.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 22h 7m | 31°28′ |
| 40 8-28 | 50s,47 G | |
| 8-31 | 50,33 G | 5″,3 F |

**31754 P. — 43420-21 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 22h 8m | 61°7′ |
| 58 8- 6 | 11s,69 G | |
| 11- 2 | | 11″,7 G |
| 11-11 | 11,77 G | 11,0 G |

**31755 P. — 43429 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 22h 8m | 53°47′ |
| 80 10- 9 | 53s,32 J | 16″,1 J |
| 10-18 | 53,61 J | 16,7 J |

**31756 P. — 43417 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 22h 8m | 68°10′ |
| 59 11-13 | | 11″,7 G |
| 60 9- 9 | 12s,81 G | 11,6 G |
| 9-11 | 13,20 G | 12,2 G |
| 11-12 | 12,98 G | |

**31757 P. — 43419 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 22h 8m | 66°18′ |
| 71 9-18 | 56s,81 G | 19″,2 G |
| 10-12 | 57,03 G | |
| 10-14 | 57,08 G | 19,9 G |
| 10-17 | 56,82 G | 19,5 G |

**31758 P. — 43425 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 22h 8m | 59°3′ |
| 81 10- 4 | 58s,00 J | 45″,5 J |

**31759 P. — 43402 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 22h 8m | 99°1′ |
| 76 10-16 | 58s,16 M | 3″,4 M |

**31760 P. — 43406 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 22h 8m | 83°39′ |
| 55 9-28 | 14s,92 G | |
| 61 9- 3 | 14,99 G | 56″,7 G |
| 11- 1 | | 56,9 G |

**31761 P. — 43431 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 22h 9m | 57°48′ |
| 73 10-17 | 1s,40 G | 29″,6 G |
| 79 9-16 | 1,67 G | 29,2 G |
| 9-25 | 1,61 G | 29,0 G |
| 9-28 | 1,52 G | 29,1 G |

**31762 P. — 43407 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 22h 8m | 85°23′ |
| 57 8-22 | 16s,76 G | |
| | III. | |
| | 22h 9m | 85°19′ |
| 79 10- 7 | | 12″,8 J |
| 80 8-31 | 2s,20 M | 12,1 M |

**31763 P. — 4765 A + 40°.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 22h 9m | 49°2′ |
| 81 10- 1 [1] | 2s,85 G | |

[1] Indiquée à tort 43414 L. (dist. des fils). Le cahier-minute porte d'ailleurs $h=82°14'$.

**31764 P. — 43424 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 22h 8m | 69°24′ |
| 58 8-28 | 23s,85 G | 51″,6 G |
| 9-10 | 23,96 G | 52,1 G |
| 9-17 | 23,94 G | 50,8 G |

**31765 P. — 43401 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 22h 7m | 113°46′ |
| 43 10-19 | 29s,93 G | |
| 10-21 | 29,88 G | |

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**31765 P. (suite).**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 22h 8m | 113°42′ |
| 54 9-27 | 19s,98 G | |
| 59 10-22 | | 17",8 G |

**31766 L. — 43415, 16 et 60 P.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | 22h 9m | 88°40′ |
| 71 9-18 | 12s,79 M | 21",3 M |
| 74 9-12 | 12,64 M | 21,4 M |
| 10-12 | 12,67 M | 22,5 M |
| 80 8-23 | 12,51 M | 23,8 M |
| 9-11 | 12,59 M | 24,0 M |
| 81 10-5 | 12,85 M | 23,6 M |

**31767 P. — 43414 et 48 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | 22h 9m | 46°57′ |
| 80 10-1 | 13s,58 G | 28",8 G |
| 10-12 | 13,97 G | |

**31768 P. — 155 W1.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 22h 8m | 89°43′ |
| 61 8-29 | 28s,82 G | 15",4 G |
| 8-30 | 28,85 G | 13,8 G |
| 8-31 | 28,69 G | 14,6 G |

**31769 P. — 43442 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | 22h 9m | 54°27′ |
| 68 10-20 | 17s,10 G | 52",8 G |
| 69 10-9 | 17,21 M | 54,1 M |

**31770 P. — 43422 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 22h 8m | 86°25′ |
| 56 8-5 | 34s,43 G | |
| 60 8-25 | 34,36 G | |
| 10-3 | 34,59 G | |
| 11-5 | 34,45 G | 21",4 G |
| 62 9-16 | 34,35 G | 22,4 G |
| III. | 22h 9m | 86°20′ |
| 79 10-3 | 19s,89 M | 56",0 M |

**31771 P. — 43423 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 22h 8m | 85°28′ |
| 57 7-27 | 34s,92 G | |
| III. | 22h 9m | 85°23′ |
| 80 9-20 [1] | 20s,24 M | 47",3 M |
| 9-24 | 20,34 M | 47,6 M |
| 9-26 | 20,36 M | 47,4 M |

[1] Æ augmentée de 0s,67 : err. de réduct.

**31772 P. — 12970 Hels-Gotha.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| I. | 22h 8m | 32°31′ |
| 41 9-9 | 21s,73 G | |

**31773 P. — 43435 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 22h 8m | 72°5′ |
| 56 8-13 | 44s,16 G | 29",2 G |
| 9-14 | | 26,7 G |
| 58 10-1 | 44,17 G | 27,8 G |

**31774 P. — 43412 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 22h 8m | 107°53′ |
| 54 8-26 | 39s,26 G | 58",8 G |
| III. | 22h 9m | 107°49′ |
| 78 8-30 | 28s,54 M | |

**31775 P. — 43426 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 22h 8m | 93°26′ |
| 57 9-18 | | 23",8 G |
| 58 8-23 | 42s,65 G | 21,8 G |
| 60 9-20 | 42,56 G | 24,0 G |
| 11-3 | 42,62 G | 24,5 G |
| III. | 22h 9m | 93°21′ |
| 68 10-13 | 29s,24 M | 56",7 M |
| 77 9-4 | 29,10 G | 57,1 G |

**31776 P. — 43457-58 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 22h 8m | 47°44′ |
| 67 11-8 | 51s,76 M | 21",7 M |
| III. | 22h 9m | 47°39′ |
| 72 9-26 | 29s,40 M | 57",2 M |
| 74 10-3 | | 55,8 G |

**31777 P. — 43410-11 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| I. | 22h 7m | 116°40′ |
| 39 8-21 | 54s,42 G | |
| 9-8 | 54,41 G | 2",8 F |
| 9-9 | 54,41 G | 0,7 F |
| 9-10 | | 0,7 F |
| 9-18 | 54,27 G | |

**31778 P. — 43472 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | 22h 9m | 37°40′ |
| 81 8-27 | 35s,83 G | 47",9 G |
| 9-29 | 35,67 G | 47,2 G |

**31779 P. — 43430 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 22h 8m | 104°44′ |
| 54 8-28 | 52s,92 G | 23",1 G |
| 57 9-6 | | 26,7 G |
| III. | 22h 9m | 104°39′ |
| 78 9-11 | 41s,58 M | 56",8 M |
| 9-29 | 41,51 M | 58,8 M |

**31780 P. — 43438 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 22h 8m | 87°26′ |
| 55 11-2 | 59s,65 G | |
| 61 10-28 | 59,53 G | 58",6 G |
| III. | 22h 9m | 87°22′ |
| 71 9-13 | 45s,45 M | 31",6 M |

**31781 P. — 43449 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 22h 9m | 75°15′ |
| 56 9-19 | | 15",1 G |
| 10-13 | 1s,75 G | |
| III. | 22h 9m | 75°10′ |
| 74 9-30 | 45s,51 M | 49",8 M |
| 10-7 | 45,45 M | 50,1 M |
| 75 9-15 | 45,49 M | 50,8 M |

**31782 P. — 43476 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | 22h 9m | 41°15′ |
| 81 9-30 | 46s,11 G | 58",0 G |
| 10-17 | 46,32 G | 59,3 G |

**31783 P. — 43443 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 22h 9m | 82°8′ |
| 55 10-9 | 1s,50 G | |
| 56 10-19 | | 44",6 G |
| III. | 22h 9m | 82°4′ |
| 79 10-3 [1] | 46s,31 G | 15",1 G |
| 10-4 | 46,28 G | |
| 10-7 | 46,29 G | |

[1] ℘ diminuée de 2",6 : err. de réduct.

**31784 P. — 43468, 70 et 71 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II | 22h 9m | 46°55′ |
| 66 8-18 | 13s,91 G | |
| 67 11-2 | 13,92 M | 11",4 M |

**31784 P. (suite).**

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | 22h 9m | 46°50′ |
| 80 9-11 | 51s,15 G | 44",8 G |
| 9-26 | 51,17 G | 44,3 G |
| 81 8-22 | 51,17 G | 46,1 G |
| 10-3 | 51,00 M | 44,0 M |
| 10-3 | 51,14 G | 45,9 G |

**31785 P. — 43450 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 22h 9m | 78°56′ |
| 57 9-13 | 7s,32 G | 7",0 G |
| 9-20 | 7,21 G | |
| III. | 22h 9m | 78°51′ |
| 79 10-11 | 51s,54 G | 40",6 G |
| 10-12 | 51,63 G | 40,9 G |

**31786 P. — 43451 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 22h 9m | 78°54′ |
| 57 9-20 | 8s,13 G | 0",6 G |
| III. | 22h 9m | 78°49′ |
| 79 9-2 | 52s,49 M | 33",7 M |

**31787 P. — 43465-66 L.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | 22h 9m | 50°50′ |
| 68 10-7 | 52s,88 G | 46",3 G |
| 10-8 | 53,01 G | 45,7 G |

**31788 P. — 2938 Br.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| I. | 22h 8m | 27°36′ |
| 50 8-14 | | 19",9 G |
| 9-5 | 57s,68 G | 20,0 G |

**31789 P. — 6178 Sf. — 15m.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| I. | 22h 8m | 105°43′ |
| 41 10-15 [1] | 23s,01 G | |
| 10-18 | 23,30 G | |
| 10-19 | 23,11 G | |
| 10-20 | 22,96 G | |
| 10-21 | 23,13 G | |

[1] Æ augmentée de 0s,25 : erreur de 1s sur un fil.

**31790 P. — 7739 Albany.**

| A. M. J. | Æ | ℘ |
|---|---|---|
| I. | 22h 8m | 86°44′ |
| 40 10-31 | 29s,92 G | |
| 11-3 | 29,93 G | |
| 11-6 | 29,92 G | |

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### 31791 P. — 43434 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 22h 9m | 113°50' |
| 58 10-30 | | 3",8 G |
| 61 9-27 | | 4,3 G |
| 10- 2 | 12s,06 G | 2,7 G |
| 10-19 | 12,41 G | 3,7 G |

### 31792 P. — 173 W1.

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 22h 8m | 101°57' |
| 48 9-13 | 26s,79 G | |
| 9-17 | 26,83 G | |
| 9-19 | 27,02 G | |
| 9-20 | 26,84 G | |

### 31793 P. — 43461 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 22h 9m | 74°40' |
| 58 8-24 | 19s,47 G | 28",4 G |
| 10-12 | 19,55 G | |
| III. | 22h 10m | 74°36' |
| 81 9-28 | 3s,06 M | 2",4 M |
| 9-29 | 3,05 M | 1,1 M |

### 31794 P. — 43440 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 22h 9m | 107°4' |
| 54 8-29 | 14s,43 G | 48",3 G |
| 8-30 | 14,59 G | |
| III. | 22h 10m | 107°0' |
| 78 8-21 | 3s,55 M | 22",1 M |

### 31795 P. — 43445 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 22h 9m | 101°12' |
| 54 9- 4 | 16s,00 G | 50",1 G |
| III. | 22h 10m | 101°8' |
| 78 10- 3 | 3s,89 M | 25",2 M |

### 31796 P. — 43446 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 22h 8m | 102°25' |
| 40 9-29 | 28s,65 G | |
| II. | 22h 9m | 102°20' |
| 54 9- 2 | | 39",1 G |
| 9- 3 | 16s,62 G | 38,5 G |
| III. | 22h 10m | 102°16' |
| 79 9- 3 | 4s,98 J | 12",5 J |

### 31797 P. — 43447 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 22h 8m | 103°36' |
| 37 8-18 | | 7",8 F |
| 39 9- 7 | 29s,80 G | 7,7 F |
| 9-11 [1] | 29,62 G | 10,1 F |
| 9-13 | 29,72 G | 5,5 F |
| 40 9-12 | 29,66 G | |
| 9-16 | 29,74 G | |
| 41 9-10 | 29,64 G | 7,1 F |
| 9-11 | 29,76 G | 6,6 F |
| 9-13 | 29,69 G | |
| 45 8- 4 | | 7,0 G |
| 8- 4 | | 6,4 F |
| 49 8- 6 | 29,76 G | |
| 9-25 | 29,59 G | |
| 9-26 | 29,63 G | |
| 10-19 | 29,63 G | |
| 50 8- 4 | 29,38 G | 7,0 G |
| 8-12 | 29,60 G | |
| 8-13 | 29,53 G | |
| II. | 22h 9m | 103°31' |
| 54 9- 6 | 17s,96 G | 40",7 G |
| 55 8-16 | 17,74 G | |
| 59 11-11 | 17,91 G | 40,3 G |

[1] D diminuée de 1": erreur de moy.

### 31798 P. — 43477 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 22h 10m | 52°52' |
| 74 11- 5 | 6s,88 M | 35",4 M |
| 11- 6 | 7,15 M | 36,6 M |

[1] D diminuée de 10": erreur de moy.

### 31799 P. — 43452 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 22h 8m | 92°21' |
| 41 9-28 [1] | 34s,28 G | |
| II. | 22h 9m | 92°17' |
| 55 9- 6 | 20s,75 G | 29",5 G |
| 57 8-11 | 20,73 G | |
| III. | 22h 10m | 92°13' |
| 80 9-27 | 7s,10 M | 5",5 M |

[1] Erreur dans la déclinaison approchée indiquée.

### 31800 P. — 43474 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 22h 9m | 59°22' |
| 66 9-10 | 29s,89 G | |
| III. | 22h 10m | 59°18' |
| 73 10- 8 | 10s,46 G | 24",9 G |
| 10-16 | 10,39 G | 23,7 G |
| 81 10-19 | 10,26 M | 25,2 M |
| 10-31 | 10,48 M | 25,4 M |

### 31801 P. — 5988 R3.

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 22h 8m | 105°25' |
| 43 9-28 | | 38",2 F |
| 9-29 | | 33,6 F |

### 31802 P. — 43498 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 22h 10m | 39°8' |
| 81 10-15 | 12s,80 G | 11",0 G |

### 31803 P. — 43439 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 22h 9m | 118°5' |
| 55 9-24 | 22s,48 G | 0",7 G |

### 31804 P. — 43453 L.

43 θ Verseau.

Étoile fondamentale.

### 31805 P. — 43473 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 22h 9m | 66°9' |
| 58 8- 8 | 33s,93 G | |
| 8-10 | 33,70 G | |
| III. | 22h 10m | 66°4' |
| 81 10- 4 | 15s,46 M | 59",1 M |
| 10-17 | 15,60 M | 60,3 M |

### 31806 P. — 43485-86 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 22h 10m | 46°52' |
| 80 9-27 | 16s,03 G | 23",7 G |
| 81 10-10 | 15,95 M | 22,1 M |

### 31807 P. — 43454 à 56 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 22h 8m | 99°48' |
| 37 10- 9 | | 34",8 F |
| 39 8-24 | 41s,28 G | 36,1 F |
| 11-28 | 41,30 G | |
| 40 10-10 | 41,30 G | |
| 10-12 | 41,22 G | |
| 10-13 | 41,20 G | |
| 44 10- 8 | 41,15 G | |
| 10-11 | 41,32 G | |
| 10-15 | 41,30 G | |
| 10-19 | 41,43 G | |

### 31807 P. (suite).

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 22h 8m | 99°48' |
| 49 8-15 | 41s,37 G | |
| 50 9- 9 | | 35",7 G |
| II. | 22h 9m | 99°44' |
| 54 9- 7 | 28s,94 G | |
| 10-31 | | 10",4 G |
| 57 8- 6 | 29,16 G | |
| III. | 22h 10m | 99°39' |
| 80 10-12 | 16s,73 J | 43",2 J |

### 31808 P. — 43475 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 22h 9m | 66°12' |
| 58 8- 8 | 34s,81 G | 27",9 G |
| 8-10 | 34,68 G | |
| 11-12 | 34,85 G | |
| 61 9- 2 | 34,91 G | 28,5 G |

### 31809 P. — 10022 Rümker.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 22h 9m | 67°46' |
| 58 11- 7 | 36s,86 G | |

### 31810 P. — 226 W2.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 22h 9m | 69°2' |
| 58 9-17 | 39s,88 G | |

### 31811 P. — 43464 L.

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 22h 9m | 85°10' |
| 56 9- 1 [1] | 38s,42 G | 11",0 G |
| 57 9-24 | | 11,3 G |

[1] Æ augmentée de 0s,20: erreur de 1s sur un fil.

### 31812 P. — 23 ε Céphée.

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 22h 9m | 33°43' |
| 37 1- 8 | 19s,61 G | 40",8 F |
| 9-20 | 19,69 G | |
| 11- 4 [1] | | 37,3 F |
| 38 9- 6 | 19,63 G | |
| 12-13 | | 39,3 F |
| 40 8-28 | | 41,2 F |
| 41 10-12 | 19,82 G | |
| 52 12-17 | 20,63 G | |

Dates 1800 + A. M. J. — Positions moyennes pour les époques du Catal. 𝒜. 𝒫.

### 31812 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h 9m | 33° 39' |
| 63 | 9-26 | | 13",3 G |
| 64 | 10-20 | | 12,2 G |
| 65 | 9-18 | | 12,0 G |
| | 9-19 | | 12,5 G |
| | 9-20 | | 12,6 G |
| | 9-21 | | 12,1 G |

¹ Observation faite près du zénith sans indication de la position de l'observateur. On n'a pas tenu compte de la valeur de l'équation personnelle dans le calcul de la distance polaire.

### 31813 P. — 187 W₁.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h 9m | 88° 44' |
| 55 | 10-31 | 44s,32 G | |

### 31814 P. — 43493, 94 et 96 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 22h 9m | 53° 1' |
| 49 | 9-21 | 13s,11 G | |
| | II. | 22h 9m | 52° 56' |
| 63 | 8-7 | 52s,24 G | |
| | 9-11 | 52,25 G | |
| | 9-15 | 52,03 G | |
| | 9-18 | 52,17 G | |
| | 9-19 | 52,23 G | |
| | 10-9 | 52,27 G | |
| 64 | 8-16 | 52,33 G | |
| | 8-27 | 52,03 G | |
| | 9-5 | 52,14 G | |
| | 9-9 | 52,13 G | |
| | 9-11 | 52,01 G | |
| | 9-12 | 52,26 G | |
| | 9-26 | 52,20 G | |
| | 9-29 | 52,34 G | |
| | 10-17 | 52,24 G | |
| 65 | 9-1 | 52,27 G | |
| | 9-2 | 52,09 G | |
| | 9-5 | 52,24 G | |
| | 9-6 | 52,34 G | |
| | 9-7 | 52,15 G | |
| | 9-8 | 52,32 G | |
| | 9-12 | 52,22 G | |
| | 9-13 | 52,21 G | |
| | 10-5 | 52,23 G | |
| | 10-21 | 52,10 G | |
| 66 | 9-5 | 52,21 G | |
| | 9-20 | 52,12 G | |
| | III. | 22h 10m | 52° 52' |
| 72 | 8-28 | 31s,11 G | |
| | 9-8 | 31,19 G | |

### 31815 P. — 43478 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h 9m | 77° 46' |
| 56 | 8-14 | 48s,47 G | 34",4 G |
| 58 | 9-11 | 48,30 G | 33,8 G |
| | 9-12 | | 34,7 G |
| | 10-5 | | 33,8 G |

### 31816 P. — 43482 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h 9m | 66° 30' |
| 58 | 8-31 | 51s,49 G | 7",5 G |
| | 10-2¹ | 51,63 G | 7,7 G |
| 59 | 9-11 | 51,83 G | 7,8 G |

¹ 𝒫 augmentée de 1".

### 31817 P. — 43469 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h 9m | 87° 39' |
| 57 | 10-15 | 48s,16 G | 32",2 G |
| | III. | 22h 10m | 87° 35' |
| 81 | 10-15 | 33s,73 M | 5",9 M |

### 31818 P. — 43487 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 22h 9m | 60° 43' |
| 43 | 10-5 | 13s,31 G | 17",5 G |
| | II. | 22h 9m | 60° 38' |
| 59 | 9-23 | 54s,09 G | |
| | III. | 22h 10m | 60° 34' |
| 71 | 9-17 | 34s,73 G | 24",0 G |
| 74 | 10-10 | 34,65 G | 23,0 G |

### 31819 P. — 43459 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h 9m | 113° 48' |
| 58 | 8-5 | | 41",3 G |
| 62 | 9-12 | | 41,3 G |

### 31820 P. — 43467 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 22h 9m | 96° 9' |
| 49 | 8-25 | 0s,61 G | |
| | 12-1 | 0,90 G | |
| 50 | 8-10 | | 32",0 G |
| | II. | 22h 9m | 96° 5' |
| 57 | 8-7 | 47s,78 G | 4",2 G |
| | 8-11 | | 5,0 G |
| | 10-12 | | 5,6 G |
| | 11-15 | 47,75 G | 6,8 G |
| 60 | 10-4 | 47,87 G | 6,7 G |
| | III. | 22h 10m | 96° 0' |
| 81 | 10-31 | 35s,05 G | 37",2 G |

### 31821 P. — 43504-05 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 22h 10m | 46° 43' |
| 80 | 8-31 | 35s,70 G | 15",4 G |
| | 9-24 | 35,82 G | 15,4 G |

### 31822 P. — 43507 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h 9m | 106° 44' |
| 67 | 9-24 | 47s,22 M | 4",8 M |

### 31823 P. — 2942 Br.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 22h 10m | 17° 27' |
| 53 | 3-28 I | 3s,29 G | |
| | 3-29 I | 3,13 G | |
| | 7-19 | 3,15 G | |
| | 7-23 | 3,01 G | |
| | 7-31 | 3,59 G | |
| | 9-11 | 3,62 G | |
| | II. | 22h 10m | 17° 23' |
| 54 | 1-24 I | 19s,83 G | |

### 31824 P. — 13327 Cambridge.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h 9m | 60° 41' |
| 59 | 9-23 | 58s,84 G | |

### 31825 P. — 43463 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h 9m | 106° 40' |
| 58 | 8-15 | | 37",3 G |
| | 9-27 | | 35,9 G |
| | III. | 22h 10m | 106° 36' |
| 81 | 9-30 | 40s,94 M | 10",2 M |

### 31826 P. — 43497 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h 10m | 62° 53' |
| 57 | 12-18 | 3s,21 G | 31",5 G |
| | III. | 22h 10m | 62° 49' |
| 71 | 10-23 | 44s,44 G | 6",2 G |

### 31827 P. — 43495 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h 10m | 67° 47' |
| 58 | 11-7 | 5s,21 G | 58",2 G |

### 31828 P. — 43484 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h 10m | 82° 19' |
| 56 | 9-6 | 7s,75 G | 19",8 G |

### 31829 P. — 43509 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h 10m | 58° 4' |
| 67 | 10-31 | | 29",5 G |
| | III. | 22h 10m | 58° 0' |
| 73 | 10-28 | 53s,06 G | |
| 74 | 8-20 | 53,30 M | 3",1 M |

### 31830 P. — 43506 et 08 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h 10m | 61° 31' |
| 58 | 9-15 | 15s,19 G | |
| | 11-2 | | 27",8 G |
| 59 | 8-21 | 15,18 G | 28,1 G |

### 31831 P. — 43481 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h 10m | 102° 56' |
| 54 | 9-16 | 9s,39 G | |
| 58 | 9-13 | | 11",7 G |
| | III. | 22h 10m | 102° 51' |
| 78 | 10-4 | 57s,57 M | 43",5 M |
| | 10-12 | 57,64 M | 44,3 M |

### 31832 P. — 43492 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h 10m | 77° 48' |
| 56 | 8-14 | 15s,04 G | |
| 58 | 8-16 | | 9",7 G |
| | 9-27 | 15,28 G | 9,1 G |
| | 10-8 | | 9,0 G |

### 31833 P. — 43513-14 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 22h 11m | 56° 6' |
| 74 | 10-16 | 0s,30 M | 0",9 M |

### 31834 P. — 43516 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 22h 9m | 60° 40' |
| 43 | 8-8 | 45s,15 G | 46",3 G |
| | 8-9 | 44,91 G | |
| | 8-11 | | 46,6 F |
| | 8-12 | 45,03 F | 46,4 G |
| | 8-12 | | 47,0 F |
| | 8-17 | 44,96 G | |
| | 10-5 | 45,15 G | 45,3 G |
| | II. | 22h 10m | 60° 36' |
| 59 | 9-23 | 26s,01 G | |
| | III. | 22h 11m | 60° 31' |
| 80 | 10-24¹ | 6s,79 M | 51",8 M |

¹ 𝒜 augm. de 0s,37 : erreur de réduct.

Dates 1800 + — Positions moyennes pour les époques du Catal.

### 31835 P. — 43503 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 10m | 82°31' |
| 57 9-27 | 24s,70 G | |
| 10- 2 | 24,70 G | 28",1 G |
| | III. | |
| | 22h 11m | 82°26' |
| 79 9- 3 | 9s,61 M | 59",4 M |

### 31836 P. — 43501-02 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 10m | 85°33' |
| 55 11-26 | | 11",6 G |
| 56 8-26 | 26s,41 G | 11,8 G |
| | III. | |
| | 22h 11m | 85°28' |
| 71 9-19[1] | 11s,79 M | 44",2 M |

[1] 𝒫 augmentée de 5'.

### 31837 P. — 43462 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 11m | 75°34' |
| 81 10-15 | | 28",8 J |
| 10-21 | 12s,04 J | 29,6 J |

### 31838 P. — 43488 à 90 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 10m | 100°26' |
| 54 9-19[1] | 23s,87 G | |
| 61 9- 3 | 24,27 G | 19",7 G |
| 10-18 | 24,39 G | 19,6 G |
| | III. | |
| | 22h 11m | 100°21' |
| 78 10-15 | 12s,14 M | 52",1 M |
| 11- 9 | 12,05 M | 52,0 M |

[1] 𝒜 non comprise dans la moyenne.

### 31839 P. — 43483 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 22h 9m | 113°4' |
| 43 10-19 | 36s,04 G | |
| 10-21 | 36,16 G | |

### 31840 P. — 43520 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 10m | 60°22' |
| 58 8-30 | 37s,22 G | |
| 9-18 | | 24",0 G |
| 61 10- 1 | | 26,1 G |

### 31841 P. — 43523 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 11m | 55°15' |
| 68 10-10 | 26s,22 G | 9",6 G |
| 10-13 | 26,16 G | 9,2 G |

### 31842 P. — 43522 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 11m | 65°48' |
| 71 10-17 | 29s,89 G | 43",5 G |
| 74 9-17 | 30,07 M | 44,8 M |
| 10- 8 | 30,06 M | 43,2 M |

### 31843 P. — 43525 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 11m | 57°37' |
| 80 9-29 | 30s,42 J | 53",4 J |
| 10- 1 | 30,67 J | 53,4 J |

### 31844 P. — 43499 L

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 10m | 114°1' |
| 59 10-22 | | 39",4 G |
| 60 10-22 | 41s,55 G | |
| | III. | |
| | 22h 11m | 113°57' |
| 76 9-20 | 32s,05 M | 13",0 M |
| 9-21 | 32,00 M | 13,9 M |
| 9-23 | 31,91 M | 16,4 M |

### 31845 P. — 4629 A + 29°.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 22h 10m | 60°45' |
| 43 9-29 | | 19",4 F |

### 31846 P. — 43500 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 11m | 111°37' |
| 75 10- 6 | 33s,35 M | 36",6 M |
| 10- 8 | 33,43 M | 35,8 M |

### 31847 P. — 43524 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 10m | 64°18' |
| 58 8- 7 | 54s,88 G | |
| 59 11-13 | | 42",4 G |
| | III. | |
| | 22h 11m | 64°14' |
| 81 10- 1 | 36s,73 M | 14",1 M |
| 10- 5 | 36,68 M | 15,8 M |

### 31848 P. — 43519 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 11m | 82°20' |
| 81 9-30 | 37s,13 J | 14",4 J |
| 10- 4 | 36,77 J | 15,4 J |

### 31849 P. — 43518 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 22h 10m | 91°0' |
| 40 10- 6[1] | | 28",1 F |
| | II. | |
| | 22h 10m | 90°56' |
| 55 10- 2 | 53s,53 G | 1",8 G |
| 57 11-11 | 53,65 G | |
| 58 8-27 | | 2,1 F |
| 61 9-19 | 53,42 G | |
| | III. | |
| | 22h 11m | 90°51' |
| 78 10-12 | 39s,64 J | 35",2 J |

[1] Erreur de 1m dans l'ascension droite indiquée.

### 31850 P. — 30638 Mn1.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 10m | 91°49' |
| 61 9-25[1] | | 1",2 G |

[1] 𝒫 dimin. de 1°. Observée avec 31859 P. également en erreur de 1°.

### 31851 P. — 43510 et 12 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 10m | 111°26' |
| 59 12- 7 | 52s,04 G | 17",1 G |
| | III. | |
| | 22h 11m | 111°21' |
| 75 11- 2 | 41s,73 M | 49",5 M |

### 31852 P.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 11m | 63°40' (?) |
| 58 8-28 | 2s,17 G | |

### 31853 P. — 43515 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 10m | 105°42' |
| 54 9-10 | | 41",6 G |
| | III. | |
| | 22h 11m | 105°38' |
| 79 9-16 | 46s,01 J | 16",6 J |
| 10- 3 | 45,89 J | 16,0 J |
| 10- 6 | 46,02 J | 16,5 J |
| 80 9-10 | 45,96 J | 15,5 J |

### 31854 P. — 13342 Cambridge.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 11m | 63°40' |
| 58 8-28 | 8s,24 G | |

### 31855 P. — 22064 A.O.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 22h 10m | 105°24' |
| 47 11- 2 | 14s,26 G | |
| | II. | |
| | 22h 11m | 105°20' |
| 55 8-17 | 2s,52 G | |

### 31856 P. — 43531 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 11m | 76°44' |
| 57 10- 3 | 13s,05 G | 51",1 G |
| | III. | |
| | 22h 11m | 76°40' |
| 79 9-25 | 57s,08 G | 23",7 G |
| 9-28 | 57,05 G | 25,4 G |

### 31857 P. — 43534 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 11m | 63°45' |
| 58 8-28 | 19s,04 G | 41",1 G |
| | III. | |
| | 22h 12m | 63°41' |
| 71 9-18 | 0s,24 G | 12",9 G |
| 10-14 | 0,35 G | 14,0 G |

### 31858 P. — 43533 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 11m | 71°39' |
| 56 8-30 | 17s,59 G | 28",5 G |
| 57 10-13 | 17,34 G | 28,1 G |
| 10-20 | 17,57 G | 28,3 G |

### 31859 P. — 43526 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 22h 10m | 91°53' |
| 40 10-10 | 30s,14 G | |
| 10-12 | 30,15 G | |
| 10-13 | 30,16 G | |
| | II. | |
| | 22h 11m | 91°49' |
| 55 8- 9 | 16s,60 G | |
| 9- 4 | | 22",4 G |
| 57 9-18 | | 24,6 G |
| 60 10-27 | 16,45 G | 22,3 G |
| 61 9-25[1] | 16,70 G | 23,5 G |
| 9-26 | 16,56 G | 23,5 G |
| | III. | |
| | 22h 12m | 91°44' |
| 77 9- 4 | 3s,02 G | 55",7 G |

[1] 𝒫 diminuée de 1°. (*Voir* 31850 P.)

Dates 1800 + — Positions moyennes pour les époques du Catal.

### 31860 P. — 214 W₁.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h 11m | 89°49' |
| 61 8-29 | 21s,69 G | 40",1 G |
| 8-30 | 21,75 G | 38,6 G |
| 8-31 | 21,55 G | 39,8 G |

### 31861 P. — 43002 Hels-Gotha.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 22h 11m | 32°26' |
| 41 9-9 | 6s,15 G | |

### 31862 P. — 43527 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h 11m | 99°54' |
| 54 8-25 | 25s,12 G | 42",8 G |
| III. | 22h 12m | 99°50' |
| 76 10-16 | 12s,89 M | 20",0 M |

### 31863 P. — 43528-29 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h 11m | 102°15' |
| 54 8-26 | 27s,53 G | |
| 8-27 | | 24",8 G |
| III. | 22h 12m | 102°10' |
| 78 8-21 | 15s,70 G | 57",7 G |

### 31864 P. — 43521 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h 11m | 118°54' |
| 54 10-28 | | 30",2 G |
| 58 10-31 | 24s,84 G | |
| III. | 22h 12m | 118°50' |
| 80 9-9[1] | 15s,70 M | 2",1 M |

[1] 𝒜 diminuée de 1s : correction indiquée comme probable par l'observateur.

### 31865 P. — 43530 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 22h 10m | 104°4' |
| 39 8-20 | 41s,03 G | |
| 8-21 | 41,30 G | |
| 8-23 | 41,33 G | |
| 9-7 | 41,22 G | 42",2 F |
| 9-8 | 41,38 G | 40,7 F |
| 9-9 | | 40,5 F |
| 9-10 | | 43,9 F |
| 9-18 | 41,17 G | |
| 40 8-28 | 41,31 G | |
| 8-30 | 41,50 G | |
| 8-31 | 41,30 G | 42,0 F |
| 9-12 | 41,22 G | |
| 9-16 | 41,38 G | |
| 9-29 | 41,28 G | |

### 31865 P. (suite).

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 22h 10m | 104°4' |
| 40 10-8 | 41s,22 G | |
| 10-30 | 41,38 G | |
| 41 9-11 | 41,44 G | |
| 9-13[1] | 41,30 G | |
| 9-28 | 41,12 G | |
| 49 9-25 | 41,16 G | |
| 9-26 | 41,28 G | |
| 10-19 | 41,24 G | |
| 50 9-7 | | 43",3 G |
| 9-9 | 41,31 G | |
| 51 9-16 | 41,34 G | |
| 10-13 | 41,33 G | |
| 52 12-11 | 41,29 G | |
| II. | 22h 11m | 104°0' |
| 54 9-1 | | 15",2 G |
| 9-5 | 29s,60 G | 14,6 G |
| 9-20 | 29,64 G | |
| 57 7-10 | 29,70 G | |
| 59 10-3 | | 14,7 G |

[1] Erreur de 45' dans la déclinaison approchée inscrite. Le registre porte ★ $h = 27°5'$.

### 31866 P. — 264 W₂.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h 11m | 66°36' |
| 58 8-31 | 38s,42 G | |

### 31867 P. — 43545 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h 11m | 51°40' |
| 67 10-30[1] | | 23",0 G |
| III. | 22h 12m | 51°35' |
| 68 10-20 | 24s,03 G | 56",4 G |
| 10-22 | 24,14 G | 54,6 G |

[1] 𝒫 diminuée de 4' : erreur de réduct.

### 31868 P. — 43553 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h 11m | 47°55' |
| 67 10-2 | 48s,42 M | 6",1 M |
| III. | 22h 12m | 47°50' |
| 72 9-25 | 26s,31 M | 38",1 M |
| 9-26 | 26,20 M | 37,4 M |

### 31869 P. — 43541 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h 11m | 80°20' |
| 56 8-31 | 42s,06 G | |
| 10-21 | | 40",1 G |
| 57 10-6 | | 40,9 G |
| III. | 22h 12m | 80°16' |
| 71 9-4 | 26s,56 M | 12",3 M |

### 31870 P. — 43537 à 39 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 22h 10m | 82°54' |
| 40 10-31 | 57s,23 G | |
| 11-3 | 57,16 G | |
| 11-6 | 57,11 G | |
| II. | 22h 11m | 82°49' |
| 56 8-5 | 41s,87 G | |
| 8-29 | | 58",1 G |
| 57 8-21 | 42,04 G | |
| 58 8-12 | 42,04 G | 60,4 G |
| 8-27 | 42,01 G | 59,8 G |
| 11-4 | | 61,1 G |
| III. | 22h 12m | 82°45' |
| 71 10-17 | 27s,01 M | 32",6 M |

### 31871 P. — 43559 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 22h 11m | 41°38' |
| 45 8-4 | 16s,62 G | |
| II. | 22h 11m | 41°34' |
| 67 10-5 | 52s,52 M | 18",8 M |
| III. | 22h 12m | 41°29' |
| 68 10-20 | 28s,15 M | 51",2 M |

### 31872 P. — 43535 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h 11m | 98°29' |
| 55 8-22 | 46s,43 G | |
| 57 10-12 | | 50",8 G |
| 58 9-26 | 46,45 G | 50,9 G |

### 31873 P. — 43542 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h 11m | 77°45' |
| 58 9-27 | 52s,13 G | 41",7 G |
| 10-2 | | 43,0 G |
| III. | 22h 12m | 77°41' |
| 71 9-14 | 36s,42 G | |

### 31874 P. — 43550 et 52 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h 11m | 61°57' |
| 58 9-10 | 59s,61 G | 23",5 G |
| 9-15 | 59,60 G | |
| 9-19 | 59,77 G | 21,5 G |
| 60 9-9 | 59,58 G | |
| 61 9-2 | 59,72 G | |
| 10-2 | 59,68 G | 22,5 G |
| 10-3 | | 23,2 G |
| 10-5[1] | 59,68 G | 23,3 G |
| 10-16 | 59,53 G | 23,4 G |

### 31874 P. (suite).

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h 11m | 61°57' |
| 61 10-17 | 59s,54 G | 23",8 G |
| 10-28 | 59,54 G | 23,4 G |

[1] 𝒜 diminuée de 0s,30 (*Voir* 30809 P.).

### 31875 P. — 43551 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h 12m | 65°41' |
| 58 10-4 | 2s,59 G | 56",3 G |
| III. | 22h 12m | 65°37' |
| 79 9-16 | 44s,57 G | 28",8 G |

### 31876 P. — 43557 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h 12m | 71°24' |
| 56 9-8 | | 47",2 G |
| III. | 22h 12m | 71°20' |
| 79 9-10 | 47s,18 G | 17",8 G |
| 9-18 | 47,44 G | 18,8 G |
| 9-30 | 47,29 G | 20,3 G |

### 31877 P. — 43540 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h 11m | 107°24' |
| 54 9-3 | 58s,43 G | 5",1 G |
| III. | 22h 12m | 107°19' |
| 79 9-26 | 47s,45 J | 39",1 J |

### 31878 P. — 43548-49 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h 12m | 70°44' |
| 56 8-7 | 5s,20 G | |
| 9-16[1] | 4,23 G | |
| 9-20 | 5,24 G | 6",5 G |
| 57 10-7 | 5,09 G | 7,8 G |
| 58 8-26 | 5,27 G | 7,5 G |
| 61 11-17 | 5,39 G | |

[1] 𝒜 non comprise dans la moyenne : erreur probable de 1s.

### 31879 P. — 43546 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h 12m | 74°26' |
| 58 8-24 | 5s,21 G | 29",7 G |
| 11-3[1] | 5,16 G | |
| III. | 22h 12m | 74°22' |
| 71 9-15 | 48s,81 M | 1",2 M |
| 9-15 | 48,87 G | |

[1] 𝒜 diminuée de 2s : erreur de moy.

Dates 1800+ — Positions moyennes pour les époques du Catal.

### 31880 P. — 43558 L.

| A. M. J. | $\mathcal{A}$. | $\mathcal{D}$. |
|---|---|---|
| III. | 22$^h$ 12$^m$ | 57°51′ |
| 73 10-17 | 50$^s$,85 G | 0″,7 G |

### 31881 P. — 229 W$_1$.

| A. M. J. | $\mathcal{A}$. | $\mathcal{D}$. |
|---|---|---|
| I. | 22$^h$ 11$^m$ | 99°16′ |
| 43 11-28 | 15$^s$,70 G | |
| 11-29 | 15,87 G | |

### 31882 P. — 43547 L.

| A. M. J. | $\mathcal{A}$. | $\mathcal{D}$. |
|---|---|---|
| II. | 22$^h$ 12$^m$ | 80°10′ |
| 55 10- 9 | 9$^s$,82 G | |
| 60 9-20 | 9,78 G | 51″,0 G |
| III. | 22$^h$ 12$^m$ | 80°6′ |
| 71 9-13[1] | 54$^s$,27 M | 22″,2 M |

[1] $\mathcal{D}$ diminuée de 1′.

### 31883 P. — 4844 A + 7°.

| A. M. J. | $\mathcal{A}$. | $\mathcal{D}$. |
|---|---|---|
| II. | 22$^h$ 12$^m$ | 82°28′ |
| 57 9-27 | 10$^s$,01 G | |

### 31884 P. — 4711 Washington.

| A. M. J. | $\mathcal{A}$. | $\mathcal{D}$. |
|---|---|---|
| I. | 22$^h$ 11$^m$ | 106°18′ |
| 41 10-19 | 17$^s$,58 G | |
| 10-20 | 17,56 G | |
| 10-21 | 17,82 G | |

### 31885 P. — 43556 L.

| A. M. J. | $\mathcal{A}$. | $\mathcal{D}$. |
|---|---|---|
| III. | 22$^h$ 12$^m$ | 64°51′ |
| 74 9-12 | 55$^s$,44 G | 3″,8 G |

### 31886 P. — 43566 L.

| A. M. J. | $\mathcal{A}$. | $\mathcal{D}$. |
|---|---|---|
| III. | 22$^h$ 12$^m$ | 53°10′ |
| 68 10- 7 | 57$^s$,29 G | 36″,8 G |
| 10- 8 | 57,14 G | 37,0 G |

### 31887 P. — 43544 L.

| A. M. J. | $\mathcal{A}$. | $\mathcal{D}$. |
|---|---|---|
| II. | 22$^h$ 12$^m$ | 100°30′ |
| 54 9- 4 | 11$^s$,56 G | |
| 9- 7 | | 4″,6 G |
| 58 8-15 | | 1,5 G |

### 31887 P. (suite).

| A. M. J. | $\mathcal{A}$. | $\mathcal{D}$. |
|---|---|---|
| III. | 22$^h$ 12$^m$ | 100°25′ |
| 78 8-21 | 59$^s$,40 M | 34″,0 M |
| 8-30 | 59,58 M | |
| 9-11 | 59,53 M | 32,9 M |

### 31888 P. — 43543 L.

| A. M. J. | $\mathcal{A}$. | $\mathcal{D}$. |
|---|---|---|
| II. | 22$^h$ 12$^m$ | 112°43′ |
| 54 9-27 | 16$^s$,45 G | |
| 58 8- 5 | | 4″,5 G |
| 9- 9[1] | 16,51 G | 4,8 G |

[1] $\mathcal{D}$ augmentée de 5′.

### 31889 P. — 8598 Berlin B.

| A. M. J. | $\mathcal{A}$. | $\mathcal{D}$. |
|---|---|---|
| III. | 22$^h$ 13$^m$ | 65°58′ |
| 71 10-12 | 9$^s$,91 G | |
| 79 10-12 | 10,23 J | 29″,4 J |
| 80 9-26 | 10,16 M | 28,3 M |
| 9-27 | 10,08 M | 27,9 M |
| 81 10-10 | 10,30 M | 28,9 M |

### 31890 P. — 43562 L.

| A. M. J. | $\mathcal{A}$. | $\mathcal{D}$. |
|---|---|---|
| II. | 22$^h$ 12$^m$ | 78°14′ |
| 56 11-14 | | 11″,4 G |
| 58 10- 1 | 31$^s$,69 G | 12,1 G |
| 60 9-11 | 32,12 G | |
| 61 9-27 | | 12,9 G |
| 10-20 | | 11,7 G |
| III. | 22$^h$ 13$^m$ | 78°9′ |
| 79 10- 7 | 15$^s$,98 M | 45″,2 M |

### 31891 P. — 43563 L.

| A. M. J. | $\mathcal{A}$. | $\mathcal{D}$. |
|---|---|---|
| II. | 22$^h$ 12$^m$ | 76°37′ |
| 57 9-13 | | 47″,6 G |
| 58 9-12 | | 49,9 G |
| 10- 5 | | 48,5 G |
| 11- 6 | | 48,9 G |
| 59 8-29 | 33$^s$,22 G | 49,5 G |
| 9-24 | 33,01 G | 50,2 G |

### 31892 P. — 43554-55 L.

| A. M. J. | $\mathcal{A}$. | $\mathcal{D}$. |
|---|---|---|
| II. | 22$^h$ 12$^m$ | 94°45′ |
| 56 8-13 | 32$^s$,73 G | 60″,3 G |
| 8-24 | 32,64 G | 56,7 G |
| 10- 8 | | 58,6 G |
| 11-12 | | 55,1 G |

### 31893 P. — 43568 L.

| A. M. J. | $\mathcal{A}$. | $\mathcal{D}$. |
|---|---|---|
| II. | 22$^h$ 12$^m$ | 63°1′ |
| 58 8- 8 | 39$^s$,60 G | 3″,8 G |
| 59 9-11 | 39,57 G | 4,3 G |
| III. | 22$^h$ 13$^m$ | 62°56′ |
| 71 10-23 | 20$^s$,96 G | 35″,4 G |

### 31894 P. — 43569-70 L.

| A. M. J. | $\mathcal{A}$. | $\mathcal{D}$. |
|---|---|---|
| II. | 22$^h$ 12$^m$ | 61°51′ |
| 58 8- 6 | 40$^s$,85 G | |
| 11- 2 | | 14″,0 G |
| 11-10 | 40,75 G | 13,7 G |
| 11-11 | 40,99 G | 13,3 G |

### 31895 P. — 43576-77 L.

| A. M. J. | $\mathcal{A}$. | $\mathcal{D}$. |
|---|---|---|
| II. | 22$^h$ 12$^m$ | 52°55′ |
| 66 9-10 | 48$^s$,18 G | |
| 67 10-28 | | 55″,4 G |
| III. | 22$^h$ 13$^m$ | 52°51′ |
| 73 10-16 | 27$^s$,26 G | 28″,4 G |
| 79 9-26 | 27,57 G | 26,6 G |
| 10- 3[1] | 27,47 G | 27,4 G |
| 10- 7 | 27,34 G | |

[1] $\mathcal{D}$ diminuée de 2″,6 : erreur de réduct.

### 31896 P. — 43586 L.

| A. M. J. | $\mathcal{A}$. | $\mathcal{D}$. |
|---|---|---|
| II. | 22$^h$ 12$^m$ | 42°48′ |
| 67 10- 4 | 55$^s$,40 M | 11″,1 M |
| 10-28 | 55,33 M | 10,6 M |

### 31897 P. — 43560-61 L.

| A. M. J. | $\mathcal{A}$. | $\mathcal{D}$. |
|---|---|---|
| II. | 22$^h$ 12$^m$ | 102°55′ |
| 54 9- 7 | 47$^s$,35 G | |
| 9-27 | | 22″,6 G |
| III. | 22$^h$ 13$^m$ | 102°50′ |
| 79 10- 7 | 35$^s$,59 J | 53″,6 J |

### 31898 P. — 43578 L.

| A. M. J. | $\mathcal{A}$. | $\mathcal{D}$. |
|---|---|---|
| III. | 22$^h$ 13$^m$ | 57°7′ |
| 80 9- 5 | 36$^s$,59 J | 10″,1 J |
| 9- 8 | 36,46 J | 10,1 J |

### 31899 P. — 43604 L.

| A. M. J. | $\mathcal{A}$. | $\mathcal{D}$. |
|---|---|---|
| II. | 22$^h$ 12$^m$ | 74°32′ |
| 60 10-24[1] | 53$^s$,17 G | 17″,0 G |
| 61 11- 1 | 53,17 G | 17,5 G |
| 62 9-16 | 53,18 G | 17,1 G |

[1] $\mathcal{A}$ dim. de 1$^m$ : err. de transcr.

### 31900 P. — 43564-65 L.

| A. M. J. | $\mathcal{A}$. | $\mathcal{D}$. |
|---|---|---|
| I. | 22$^h$ 12$^m$ | 98°35′ |
| 39 9- 7 | 2$^s$,42 G | 49″,3 F |
| 9- 8 | | 51,5 F |
| 9- 9 | 2,30 G | 51,0 F |
| 9-10 | | 50,2 F |
| 9-13 | 2,30 G | 47,5 F |
| 11-28 | 2,37 G | |
| 44 10-15 | 2,34 G | |
| 10-19 | 2,34 G | |
| 48 12-10 | 2,30 G | |
| II. | 22$^h$ 12$^m$ | 98°31′ |
| 55 9- 6[1] | 49$^s$,62 G | 17″,2 G |
| 9- 7 | | 22,1 G |
| 56 7-26 | 49,72 G | 21,2 G |
| 10- 4 | 50,06 G | 21,3 G |
| 10-27 | 49,66 G | |
| 57 8-16 | 49,90 G | |
| 9-15 | | 22,0 G |
| 58 9- 9 | | 22,0 F |
| 9-11 | | 20,4 F |
| 9-26 | 49,71 G | |
| III. | 22$^h$ 13$^m$ | 98°26′ |
| 74 8-19 | 37$^s$,16 G | 52″,8 G |

[1] $\mathcal{D}$ non comprise dans la moyenne : en note *nuages*.

### 31901 P. — 43573 L.

| A. M. J. | $\mathcal{A}$. | $\mathcal{D}$. |
|---|---|---|
| II. | 22$^h$ 12$^m$ | 69°40′ |
| 58 8-10 | 55$^s$,74 G | |
| 9-25 | 55,84 G | 33″,3 G |
| III. | 22$^h$ 13$^m$ | 69°36′ |
| 71 9-17 | 38$^s$,51 G | 4″,9 G |

### 31902 P. — 43584 L.

| A. M. J. | $\mathcal{A}$. | $\mathcal{D}$. |
|---|---|---|
| III. | 22$^h$ 13$^m$ | 56°5′ |
| 68 10-10 | 44$^s$,31 G | 9″,7 G |
| 10-13 | 44,32 G | 10,4 G |

### 31903 P. — 43571-72 L.

| A. M. J. | $\mathcal{A}$. | $\mathcal{D}$. |
|---|---|---|
| II. | 22$^h$ 12$^m$ | 87°55′ |
| 55 9-28 | 59$^s$,16 G | |
| 11- 2 | 59,18 G | 4″,1 G |
| 57 10-24 | 59,22 G | 7,3 G |

| Dates 1800+ A. M. J. | | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|---|

**31904 P. — 43567 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 22h 12m | 105°15' |
| 54 | 9-26 | 58s,05 G | 20",4 G |
| | 9-30 | | 17,8 G |
| | | III. | |
| | | 22h 13m | 105°10' |
| 78 | 9-29 | 46s,50 M | 53",2 M |
| | 10- 4 | 46,49 M | 51,9 M |

**31905 P. — 43575 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 22h 13m | 78° 14' |
| 57 | 9- 6 | 2s,42 G | 56",2 G |
| 58 | 8-16[1] | | 57,5 G |
| 60 | 9-11 | 2,73 G | 56,9 G |
| 61 | 9-27 | 2,37 G | |
| | 10-12 | 2,48 G | 55,9 G |
| | 10-20 | 2,24 G | 57,4 G |
| | 11- 3 | 2,48 G | |
| | | III. | |
| | | 22h 13m | 78° 10' |
| 71 | 9- 9 | 46s,93 G | |

[1] 𝒟 diminuée de 5'.

**31906 P. — 43599 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 22h 13m | 37°58' |
| 80 | 10-29 | 48s,30 G | 12",9 G |
| 81 | 9-28 | 48,00 G | 11,1 G |

**31907 P. — 8920 Leipzig I.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 22h 13m | 76°41' |
| 59 | 9-24 | 6s,33 G | |

**31908 P. — 43593 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 22h 13m | 44°49' |
| 80 | 9-13 | | 23",9 G |
| | 9-20 | 50s,35 G | 23,6 G |
| | 10-18 | 50,17 G | |

**31909 P. — 43594-95 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 22h 13m | 44°41' |
| 67 | 10- 1 | 15s,68 M | 43",8 M |
| | | III. | |
| | | 22h 13m | 44°37' |
| 79 | 10-11 | 52s,65 G | 14",6 G |
| | 10-12 | | 15,4 G |

**31910 P. — 258 W₁.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 22h 12m | 90°50' |
| 40 | 10-13 | 31s,22 G | |

**31911 P. — 43590 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 22h 13m | 64°58' |
| 58 | 10-17 | 22s,76 G | 35",2 G |
| | 11- 1 | 22,56 G | 35,3 G |
| | | III. | |
| | | 22h 14m | 64°54' |
| 71 | 10-17 | 4s,42 G | 5",3 G |

**31912 P. — 25 Céphée.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 22h 13m | 27°58' |
| 48 | 11-23 | | 17",0 G |
| 50 | 8-31 | 9s,76 G | 16,9 G |
| | 8-31 | | 18,4 F |
| | 9-18 | 9,76 G | |
| | | II. | |
| | | 22h 13m | 27° 53' |
| 63 | 9-15 | | 48",3 G |
| | 9-26 | | 47,9 G |
| 64 | 10-20 | | 46,3 G |
| 65 | 9-18 | | 47,5 G |
| | 9-19 | | 47,0 G |
| | 9-20 | | 48,0 G |
| | 9-21 | | 48,5 G |
| | 9-22 | | 48,2 G |

**31913 P. — 43591 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 22h 13m | 61°50' |
| 57 | 10-22 | 27s,07 G | 34",5 G |
| 58 | 9-19 | 27,20 G | |
| 59 | 8-21 | 27,00 G | 34,6 G |

**31914 P. — 43581 à 83 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 22h 12m | 84°59' |
| 37 | 8-18 | 39s,22 G | 13",4 F |
| | 8-23 | 39,59 G | |
| | 8-24 | 39,55 G | |
| | 8-25 | 39,59 G | 13,8 F |
| | 8-27 | 39,68 G | 14,7 F |
| | 9-27 | 39,64 G | |
| | 9-28 | 39,59 G | |
| | 9-29 | 39,67 G | |
| | 10- 3 | 39,60 G | |
| | 10- 4 | 39,66 G | 14,2 F |
| | 10-12 | 39,69 G | |
| 38 | 8-15 | 39,61 G | |
| 40 | 9-30 | 39,59 G | |
| | 10-31 | 39,61 G | |
| | 11- 3 | 39,52 G | |
| | 11- 6 | 39,50 G | |
| 41 | 8-19 | | 12,7 F |
| | 8-27 | 39,59 G | |
| 42 | 10- 3[1] | 39,56 G | |
| | 10- 5 | 39,55 G | 15,9 F |
| 46 | 9- 5 | 39,71 G | |
| | 9- 6 | 39,61 G | |
| | 10-20 | | 14,0 G |
| | 11-13 | | 15,1 G |
| 49 | 8-15 | 39,59 G | |

**31914 P. (suite).**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 22h 13m | 84°54' |
| 56 | 8- 9 | 24s,95 G | |
| | 9- 2 | | 45",4 G |
| 57 | 11- 4 | 24,85 G | |

[1] 𝒜 augm. de 10s : erreur de réduct.

**31915 P. — 263 W₁.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 22h 13m | 79° 39' |
| 57 | 8-22 | 25s,85 G | |

**31916 P. — 43619 L**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 22h 14m | 37°57' |
| 81 | 10- 1 | 15s,16 G | 8",9 G |
| | 10-18 | 15,08 G | 9,1 G |

**31917 P. — 43579-80 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 22h 12m | 99° 32' |
| 41 | 10-15 | 40s,35 G | |
| | 10-18 | 40,26 G | |
| | 10-19 | 40,10 G | |
| | 10-20 | 40,12 G | |
| | 10-21 | 40,32 G | |
| | | II. | |
| | | 22h 13m | 99°28' |
| 55 | 9- 8 | | 5",8 G |
| 58 | 9-13 | | 0,1 F |
| | | III. | |
| | | 22h 14m | 99°23' |
| 78 | 10-31 | 15s,40 M | 33",1 M |
| 80 | 9-11 | 15,55 M | 34,4 M |

**31918 P. — 43574 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 22h 13m | 112°20' |
| 55 | 9-23 | 25s,97 G | |
| 58 | 10-30 | | 8",5 G |
| | | III. | |
| | | 22h 14m | 112° 15' |
| 79 | 9- 1 | 15s,79 M | 40",2 M |
| | 9- 3 | 15,82 M | 39,5 M |

**31919 P. — 43585 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 22h 13m | 90°9' |
| 56 | 10-28 | 30s,27 G | |
| 57 | 8- 7 | 30,52 G | 19",7 G |
| | 9-29 | 30,74 G | |
| | 11-15 | 30,32 G | 21,6 G |
| | | III. | |
| | | 22h 14m | 90°4' |
| 77 | 9- 4 | 16s,59 G | 52",6 G |
| 78 | 10-12 | 16,50 J | 53,2 J |

**31920 P. — 43605 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 22h 13m | 61°11' |
| 58 | 8-30 | 46s,86 G | 2",4 G |
| | 9-17 | 46,96 G | 1,5 G |
| | 9-30 | | 1,3 G |
| | 10- 2 | 46,96 G | 2,3 G |
| | 10-16 | 46,82 G | 2,1 G |
| | 11-12 | 46,79 G | 2,6 G |

**31921 P. — 43600 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 22h 13m | 76°40' |
| 56 | 9-14 | | 9",2 G |
| 57 | 9-20 | 51s,53 G | 9,5 G |
| | | III. | |
| | | 22h 14m | 76°35' |
| 80 | 8-23 | 35s,41 G | 39",8 G |

**31922 P. — 43602-03 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 22h 13m | 82°31' |
| 55 | 10-31 | 56s,12 G | 0",3 G |
| 57 | 9-21 | 56,37 G | |
| | | III. | |
| | | 22h 14m | 82°26' |
| 79 | 9-25 | 41s,19 G | 30",3 G |
| 81 | 9-29 | | 31,0 M |
| | 9-30 | 41,20 M | 30,1 M |

**31923 P. — 43597 L**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 22h 13m | 89°39' |
| 56 | 10-17 | | 54",3 G |
| | 10-26 | 55s,75 G | |

**31924 P. — 43587 à 89 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 22h 13m | 112°22' |
| 39 | 8-21 | 3s,33 G | |
| | 8-23 | 3,16 G | |
| | 9-11 | 2,99 G | 21",8 F |
| 40 | 10-30 | 3,25 G | |
| 42 | 10- 8 | 3,11 G | |
| | 10- 9 | 3,15 G | |
| | 10-10 | 3,08 G | |
| | 10-11 | 3,10 G | |
| 48 | 11-14 | 3,06 G | |
| 49 | 10-19 | 3,10 G | |
| | | II. | |
| | | 22h 13m | 112° 17' |
| 55 | 9-24 | 52s,82 G | 51",0 G |
| 59 | 10-22 | | 55,8 G |
| | | III. | |
| | | 22h 14m | 112°13' |
| 79 | 10- 6 | 42s,49 J | 26",6 J |
| | 10-26 | 42,62 J | 26,1 J |
| 80 | 9-10 | 42,59 J | 25,4 J |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (AR, D)

**31925 P. — 13377 Cambridge.**

| A. M. J. | AR | D |
|---|---|---|
| II. | $22^h 14^m$ | 63°11′ |
| 62 10- 8 | $4^s,22$ G | |

**31926 P. — 43596 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | $22^h 14^m$ | 105°9′ |
| 54 9-11 | $1^s,84$ G | 35″,2 G |
| 59 10-16 | 1,77 G | |
| 11-11 | 1,79 G | 34,5 G |
| III | $22^h 14^m$ | 105°5′ |
| 78 10-12 | $50^s,37$ M | 7″,9 M |
| 10-15 | 50,45 M | 7,0 M |

**31927 P. — 43598 et 601 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | $22^h 14^m$ | 96°56′ |
| 55 10- 5 | $4^s,10$ G | |
| 12- 3 | | 47″,9 G |
| 57 7-12 | 3,81 G | |
| 8-11 | 3,82 G | 44,1 G |
| 9-18 | | 46,2 G |
| 10-12 | | 46,8 G |
| 58 9- 8 | 3,94 G | |
| 9-28 | 3,92 G | 45,1 G |
| 59 11-18[1] | 3,28 G | |
| 60 10- 9[2] | 4,12 G | 47,0 G |
| 10-22 | 4,11 G | |

[1] AR non comprise dans la moyenne.
[2] AR augmentée de 2ˢ : err. de transcr.

**31928 P. — 43633 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | $22^h 14^m$ | 43°13′ |
| 67 11- 8 | $15^s,54$ M | 45″,1 M |
| III. | $22^h 14^m$ | 43°9′ |
| 81 10- 5 | $52^s,10$ M | 16″,9 M |

**31929 P. — 43620 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | $22^h 14^m$ | 65°44′ |
| 58 9-23 | $11^s,65$ G | |
| 59 11-13 | | 43″,7 G |
| III. | $22^h 14^m$ | 65°40′ |
| 71 10-14 | $53^s,58$ G | 15″,2 G |

**31930 P. — 43592 L.**

| A. M. J. | AR | D |
|---|---|---|
| I. | $22^h 13^m$ | 116°8′ |
| 43 9-28 | | 37″,1 F |

**31931 P. — 43628 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | $22^h 14^m$ | 55°35′ |
| 67 10-31 | | 10″,3 G |
| III. | $22^h 14^m$ | 55°30′ |
| 69 10- 9 | $57^s,23$ M | 42″,7 M |
| 73 10- 8 | 57,62 G | 41,8 G |
| 10-28 | 57,38 G | |
| 74 10-16 | 57,33 M | 42,6 M |

**31932 P. — 43630 L.**

| A. M. J. | AR | D |
|---|---|---|
| III. | $22^h 14^m$ | 53°19′ |
| 68 10-20 | $58^s,21$ G | 44″,5 G |
| 10-22 | 58,35 G | 44,8 G |

**31933 P. — 43613 L.**

| A. M. J. | AR | D |
|---|---|---|
| III. | $22^h 15^m$ | 79°44′ |
| 71 9-13 | $0^s,15$ M | 1″,0 M |
| 74 9-12 | 0,20 M | 1,3 M |
| 10-10 | 0,18 M | 1,7 M |
| 10-12 | 0,17 M | 2,2 M |
| 75 9-15 | 0,27 M | 2,5 M |

**31934 P. — 43608 à 10 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | $22^h 14^m$ | 84°58′ |
| 57 9-24 | | 24″,4 G |
| 10- 6 | | 21,5 G |
| 10-15 | $15^s,48$ G | 24,8 G |
| III. | $22^h 15^m$ | 84°53′ |
| 71 9- 4 | $0^s,84$ M | 53″,8 M |

**31935 P. — 43621 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | $22^h 14^m$ | 82°4′ |
| 56 10- 5 | $21^s,62$ G | 50″,2 G |
| III. | $22^h 15^m$ | 82°0′ |
| 81 10- 1 | $6^s,35$ M | 21″,6 M |
| 10- 3 | 6,43 M | 21,9 M |

**31936 P. — 43623 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | $22^h 14^m$ | 72°43′ |
| 56 8-30 | $26^s,54$ G | 57″,1 G |
| 57 10-20 | 26,48 G | 55,7 G |

**31937 P. — 43618 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | $22^h 14^m$ | 87°25′ |
| 58 9-13 | $24^s,30$ G | 13″,4 G |

**31937 P. (suite).**

| A. M. J. | AR | D |
|---|---|---|
| III. | $22^h 15^m$ | 87°20′ |
| 79 9-16 | $9^s,96$ J | 44″,1 J |

**31938 P. — 43606 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | $22^h 14^m$ | 110°8′ |
| 58 8- 5 | | 11″,2 G |
| 10-31 | $21^s,15$ G | 14,8 G |
| III. | $22^h 15^m$ | 110°3′ |
| 81 10-18 | $10^s,20$ M | 46″,5 M |
| 10-19 | 10,29 M | 47,0 M |

**31939 P. — 43632 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | $22^h 14^m$ | 63°46′ |
| 57 12-18 | $30^s,04$ G | |
| 58 11- 7 | 29,94 G | 3″,1 G |
| III. | $22^h 15^m$ | 63°41′ |
| 79 10- 4 | $11^s,68$ G | 34″,2 G |

**31940 P. — 43616-17 L.**

48 γ Verseau.

Étoile fondamentale.

**31941 P. — 4286 A — 1°.**

| A. M. J. | AR | D |
|---|---|---|
| II. | $22^h 14^m$ | 91°34′ |
| 60 11- 5 | $26^s,25$ G | |
| 61 9-19 | 26,58 G | 3″,9 G |
| 9-25 | 26,55 G | |

**31942 P. — 43614-15 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | $22^h 14^m$ | 96°53′ |
| 55 8-22 | $26^s,72$ G | |
| 57 7-12 | 26,71 G | |
| 58 9- 8 | 26,81 G | 4″,1 G |
| III. | $22^h 15^m$ | 96°48′ |
| 76 10- 9 | $14^s,02$ M | 36″,3 M |

**31943 P. — 43611-12 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | $22^h 14^m$ | 100°18′ |
| 54 9-25 | $28^s,63$ G | 47″,6 G |
| III. | $22^h 15^m$ | 100°14′ |
| 78 8-21 | $16^s,16$ M | 20″,6 M |

**31944 P. — 43622 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | $22^h 14^m$ | 90°3′ |
| 55 8-20 | | 33″,5 G |
| 58 8-27 | | 34,7 F |
| 59 9- 5 | $31^s,48$ G | |
| 61 8-17 | 31,80 G | |
| 8-21 | 31,61 G | 34,5 G |

**31945 P. — 43635 L.**

| A. M. J. | AR | D |
|---|---|---|
| III. | $22^h 15^m$ | 59°19′ |
| 68 10- 7 | $20^s,67$ G | 2″,9 G |
| 10- 8 | 20,81 G | 3,0 G |

**31946 P. — 43629 L.**

| A. M. J. | AR | D |
|---|---|---|
| I. | $22^h 13^m$ | 78°34′ |
| 37 11- 4 | | 25″,9 F |
| 38 8-15 | $53^s,44$ G | |
| II. | $22^h 14^m$ | 78°29′ |
| 57 8-26 | $37^s,56$ G | 55″,0 G |
| 10- 3 | 37,59 G | 55,1 G |
| 10-13 | 37,29 G | 55,3 G |
| 11-17 | 37,58 G | 56,5 G |

**31947 P. — 43660 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | $22^h 14^m$ | 76°19′ |
| 56 9-16 | | 55″,9 G |
| 61 10-26[1] | $38^s,65$ G | 58,1 G |
| III. | $22^h 15^m$ | 76°15′ |
| 74 9-19 | $22^s,75$ G | 27″,5 G |

[1] AR diminuée de 1ᵐ : erreur de transcr.

**31948 P. — 43634 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | $22^h 14^m$ | 69°39′ |
| 58 9-10 | $46^s,57$ G | 21″,2 G |

**31949 P. — 43627 L.**

| A. M. J. | AR | D |
|---|---|---|
| II. | $22^h 14^m$ | 97°16′ |
| 57 10-11 | $45^s,57$ G | |
| 58 11- 4 | | 22″,5 G |
| III. | $22^h 15^m$ | 97°11′ |
| 79 9-26 | $32^s,58$ J | 52″,4 J |

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. Æ | P |
|---|---|---|

**31950 P. — 43639-40 L.**

| A. M. J. | Æ | P |
|---|---|---|
| I. | 22h 14m | 62° 26′ |
| 37 8-18 | 10s,14 G | |
| 10- 3 | 10,20 G | |
| 10- 4 | 10,25 G | |
| 41 9-11 | 10,34 G | 53″,1 F |
| 9-13 | 10,14 G | |
| 43 8- 8 | 10,27 G | |
| 50 9- 7 | | 54,0 G |
| II. | 22h 14m | 62° 22′ |
| 57 12-19 | 51s,68 G | 23″,9 G |
| 58 10- 4 | 51,57 G | 24,1 G |

**31951 P. — 43624 et 26 L.**

| A. M. J. | Æ | P |
|---|---|---|
| I. | 22h 13m | 101° 37′ |
| 40 8-28 | 58s,07 G | 35″,3 G |
| 8-30 | 58,11 G | |
| 8-31 | 57,95 G | 35,3 G |
| 9-12 | 57,90 G | |
| II. | 22h 14m | 101° 33′ |
| 54 9-16 | 45s,74 G | |
| 55 9- 9 | | 5″,7 G |

**31952 P. — 43657 L.**

| A. M. J. | Æ | P |
|---|---|---|
| III. | 22h 15m | 41° 25′ |
| 80 9-26 | 36s,66 G | 11″,9 G |
| 81 10- 4 | 36,45 G | 13,6 G |

**31953 P. — 43625 L.**

| A. M. J. | Æ | P |
|---|---|---|
| II. | 22h 14m | 106° 9′ |
| 54 9-20 | 49s,23 G | 26″,1 G |

**31954 P. — 292 W1.**

| A. M. J. | Æ | P |
|---|---|---|
| II. | 22h 14m | 89° 55′ |
| 61 8-27 | | 24″,8 G |
| 8-29[1] | | 24,5 G |
| 8-30[1] | | 25,2 G |
| 8-31[1] | | 25,6 G |

[1] L'asc. droite indiquée doit être augmentée de 1m. (*Voir* 31957 P.)

**31955 P. — 43642 L.**

| A. M. J. | Æ | P |
|---|---|---|
| III. | 22h 15m | 66° 33′ |
| 80 9- 5 | 40s,09 J | 26″,5 J |
| 9-30 | 40,07 J | 26,7 J |

**31956 P. — 43649 L.**

| A. M. J. | Æ | P |
|---|---|---|
| II. | 22h 15m | 49° 6′ |
| 67 10- 3 | 2s,16 M | 17″,4 M |
| III. | 22h 15m | 49° 1′ |
| 72 9-25 | 40s,87 M | 48″,0 M |
| 9-26 | 40,94 M | 49,2 M |

**31957 P. — 293 W1.**

| A. M. J. | Æ | P |
|---|---|---|
| I. | 22h 14m | 90° 1′ |
| 40 10- 6 | | 52″,3 G |
| II. | 22h 14m | 89° 57′ |
| 61 8-27 | 54s,59 G | 20″,2 G |
| 8-29[1] | 54,80 G | 20,2 G |
| 8-30[2] | 54,67 G | 20,5 G |
| 8-31 | 54,70 G | 20,0 G |

[1] Æ augmentée de 1m : err. de transcr.
[2] L'Æ indiquée à l'observation de dist. pol. doit être augm. de 1m ; err. de transcr.

**31958 P. — 43655-56 L.**

| A. M. J. | Æ | P |
|---|---|---|
| III. | 22h 15m | 44° 33′ |
| 80 8-29 | | 52″,9 G |
| 8-31 | 40s,93 G | 52,2 G |

**31959 P. — 43631 L.**

| A. M. J. | Æ | P |
|---|---|---|
| II. | 22h 15m | 110° 3′ |
| 58 11-10 | | 14″,0 F |

**31960 P. — 43664 L.**

| A. M. J. | Æ | P |
|---|---|---|
| I. | 22h 14m | 44° 14′ |
| 37 9-20 | 37s,88 G | |
| 9-29 | 37,88 G | |
| 38 12-14 | | 32″,3 F |
| 40 9-21 | | 32,1 F |
| 41 10-12 | 37,90 G | |
| 42 10- 3 | 37,69 G | 29,5 F |
| 10- 5[1] | 37,90 G | 30,3 F |
| II. | 22h 15m | 44° 10′ |
| 67 11- 2 | 14s,65 M | 2″,4 M |
| III. | 22h 15m | 44° 5′ |
| 68 10-28 | 51s,84 M | 31″,3 M |

[1] Æ augmentée de 10s : erreur de réduct.

**31961 P. — 43641 L.**

| A. M. J. | Æ | P |
|---|---|---|
| II. | 22h 15m | 82° 48′ |
| 58 8-27 | 8s,70 G | |

**31961 P. (suite).**

| A. M. J. | Æ | P |
|---|---|---|
| III. | 22h 15m | 82° 44′ |
| 80 9-27 | 53s,91 M | 7″,6 M |
| 81 10-10 | 53,74 M | 7,5 M |

**31962 P. — 43665 L.**

| A. M. J. | Æ | P |
|---|---|---|
| III. | 22h 16m | 48° 49′ |
| 80 9-24 | 0s,26 G | 53″,7 G |
| 10- 1 | 0,17 G | 54,3 G |

**31963 P. — 43648 L.**

| A. M. J. | Æ | P |
|---|---|---|
| II. | 22h 15m | 75° 3′ |
| 56 10-13 | 16s,60 G | |
| 58 8-16 | | 10″,0 G |
| 9- 8 | | 9,0 F |
| 9-11 | 16,62 G | 10,3 G |
| 9-27 | | 10,2 G |
| 10- 1 | 16,36 G | 9,2 G |
| 10- 5 | | 9,0 G |

**31964 P. — 4287 A — 1°.**

| A. M. J. | Æ | P |
|---|---|---|
| II. | 22h 15m | 91° 25′ |
| 60 10-29 | 17s,55 G | 28″,6 G |

**31965 P. — 43647 L.**

| A. M. J. | Æ | P |
|---|---|---|
| III. | 22h 16m | 79° 59′ |
| 81 9-30 | 4s,06 J | 31″,0 J |

**31966 P. — 10139 Rümker.**

| A. M. J. | Æ | P |
|---|---|---|
| II. | 22h 15m | 79° 37′ |
| 57 8-22 | 22s,33 G | |

**31967 P. — 43643 L.**

| A. M. J. | Æ | P |
|---|---|---|
| I. | 22h 14m | 102° 1′ |
| 47 10-26 | | 12″,6 G |
| II. | 22h 15m | 101° 56′ |
| 54 8-25 | 22s,07 G | |
| 58 9- 9 | 2[illegible],22 G | 39″,1 G |
| III. | 22h 16m | 101° 52′ |
| 79 10- 7 | 9s,70 J | 8″,5 J |

**31968 P. — 43650 L.**

| A. M. J. | Æ | P |
|---|---|---|
| II. | 22h 15m | 84° 13′ |
| 55 10-21 | | 52″,4 G |
| 56 8-26 | 32s,42 G | 51,3 G |
| III. | 22h 16m | 84° 9′ |
| 79 9-26 | 17s,68 G | 22″,2 G |

**31969 P. — 43669 L.**

| A. M. J. | Æ | P |
|---|---|---|
| III. | 22h 16m | 54° 10′ |
| 68 10-10 | 21s,39 G | 23″,3 G |
| 10-13 | 21,32 G | 23,2 G |

**31970 P. — 43658-59 L.**

| A. M. J. | Æ | P |
|---|---|---|
| II. | 22h 15m | 80° 45′ |
| 56 10- 1 | | 45″,3 G |
| 61 9-30 | | 47,5 G |

**31971 P. — 3752 Gr.**

| A. M. J. | Æ | P |
|---|---|---|
| I. | 22h 15m | 34° 47′ |
| 40 11-26 | 17s,47 G | 38″,6 F |

**31972 P. — 309 W1.**

| A. M. J. | Æ | P |
|---|---|---|
| II. | 22h 15m | 80° 46′ |
| 61 9-30 | 42s,96 G | 18″,0 G |

**31973 P. — 43680 L.**

| A. M. J. | Æ | P |
|---|---|---|
| II. | 22h 15m | 50° 2′ |
| 67 10-30 | | 18″,1 G |

**31974 P. — 43683-84 L.**

| A. M. J. | Æ | P |
|---|---|---|
| I. | 22h 15m | 48° 42′ |
| 41 10-12 | | 6″,2 F |
| II. | 22h 15m | 48° 37′ |
| 59 10- 3 | 51s,71 G | 36″,5 G |
| III. | 22h 16m | 48° 33′ |
| 79 10- 3 | 29s,89 G | 5″,1 G |

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|

**31975 P. — 43645 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 22h 14m | 115°32′ |
| 39 9- 9 | 51s,93 G | 35″,8 F |
| 9-10[1] | | 36,0 F |
| 9-11 | 51,80 G | 34,8 F |
| 9-18 | 51,89 G | |
| 9-20 | 51,84 G | |
| 9-21 | 51,85 G | |
| 43 9-28 | 51,99 G | |
| 9-29[2] | 51,91 G | 39,5 F |
| 10-19 | 52,03 G | |
| II. | 22h 15m | 115°28′ |
| 58 10-30 | | 7″,3 G |
| 60 10-25 | 42s,42 G | 8,5 G |
| 61 10- 2 | 42,27 G | 6,4 G |
| 10- 3 | | 7,6 G |
| 10-16 | 42,46 G | 7,7 G |

[1] 𝒟 augmentée de 1′ : err. de réduct.
[2] 𝒟 augmentée de 40″ : erreur de réduct.

**31976 P. — 43654 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 22h 15m | 105°38′ |
| 54 8-26 | 48s,86 G | 59″,2 G |
| III. | 22h 16m | 105°34′ |
| 79 10-12 | 37s,35 J | 34″,8 J |

**31977 P. — 43686 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 22h 16m | 60°20′ |
| 58 9-15 | 8s,47 G | |
| III. | 22h 16m | 60°16′ |
| 71 10-17 | 49s,70 G | 19″,1 G |

**31978 P. — 43671-72 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 22h 16m | 81°14′ |
| 55 11- 2 | 8s,54 G | 47″,5 G |
| III. | 22h 16m | 81°10′ |
| 79 10-12 | 53s,84 G | 15″,9 G |

**31979 P. — 43682 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 22h 16m | 71°39′ |
| 57 9-13 | 11s,28 G | 47″,5 G |
| 58 8-26 | 11,13 G | 48,0 G |
| 61 10-19 | 11,22 G | 48,8 G |

**31980 P. — 43652 et 62 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 22h 16m | 111°14′ |
| 75 10- 6 | 54s,21 M | 48″,6 M |
| 10- 8 | 54,25 M | 49,5 M |

**31981 P. — 43681 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 22h 16m | 77°55′ |
| 57 9- 6 | 12s,62 G | 26″,9 G |

**31982 P. — 43693 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 22h 16m | 59°53′ |
| 73 10- 9 | 57s,13 G | 4″,9 G |
| 10-16 | 57,05 G | 4,6 G |
| 10-17 | 57,08 G | 5,0 G |

**31983 P. — 43666 et 73 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 22h 15m | 85°8′ |
| 40 9-20 | 26s,74 G | |
| 10-31 | 26,75 G | |
| 11- 3 | 26,75 G | |
| 11- 6 | 26,74 G | |
| II. | 22h 16m | 85°3′ |
| 55 9-28 | 12s,11 G | 28″,4 G |
| 56 8-29 | | 27,7 G |
| 10-25 | | 27,5 G |
| III. | 22h 16m | 84°58′ |
| 79 9-25 | 57s,60 G | 59″,6 G |
| 10-11 | 57,55 G | 57,7 G |
| 80 9-26 | 57,45 M | 59,9 M |

**31984 P. — 43670 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 22h 15m | 97°58′ |
| 39 9-13 | 24s,10 G | 33″,3 F |
| 40 9-10 | 24,19 G | 35,7 F |
| 9-12 | 24,09 G | |
| 9-16 | 24,26 G | |
| 10-30 | 24,23 G | |
| 44 10-15 | 24,10 G | |
| 10-19 | 24,12 G | |
| II. | 22h 16m | 97°54′ |
| 55 8-16 | | 3″,4 G |
| 9- 7 | | 3,4 G |
| 56 10-27 | 11s,41 G | |
| III. | 22h 16m | 97°49′ |
| 80 8-23 | 58s,66 M | 32″,8 M |

**31985 P. — 43677 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 22h 15m | 90°10′ |
| 40 10- 6[1] | | 22″,3 G |
| II. | 22h 16m | 90°5′ |
| 55 9- 6 | 17s,75 G | 49″,6 G |
| 56 10-28 | 17,72 G | |
| 57 8-30 | 17,97 G | |

**31985 P. (suite).**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 22h 17m | 90°1′ |
| 77 9- 4 | 3s,75 G | 20″,7 G |
| 78 10-12 | 3,85 J | 19,7 J |

[1] 𝒟 augmentée de 5′.

**31986 P. — 43675-76 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 22h 16m | 93°0′ |
| 55 8-17 | | 23″,8 G |
| 57 8-20 | 19s,14 G | |
| 58 9- 9 | | 23,8 F |
| 9-13[1] | | 24,0 F |
| 9-26 | 19,08 G | 24,5 G |

[1] 𝒟 diminuée de 4″,8 : erreur de moy.

**31987 P. — 43667-68 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 22h 16m | 117°4′ |
| 54 9-27 | 15s,81 G | |
| 61 9-27 | 15,78 G | 49″,1 G |
| III. | 22h 17m | 117°0′ |
| 81 9-30 | 6s,63 M | 17″,0 M |

**31988 P. — 43709 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 22h 17m | 54°7′ |
| 79 9- 2 | 9s,22 M | 9″,2 M |

**31989 P. — 43674 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 22h 16m | 100°23′ |
| 54 8-28 | 22s,88 G | |
| 58 8-27 | | 42″,9 G |
| III. | 22h 17m | 100°19′ |
| 78 8-30 | 10s,70 M | |
| 9-29 | 10,71 M | 10″,7 M |
| 10- 4 | 10,65 M | 10,8 M |

**31990 P. — 43705-06 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 22h 17m | 57°2′ |
| 80 10-25 | 11s,93 J | 3″,5 J |

**31991 P. — 43711 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 22h 17m | 56°54′ |
| 81 10-15 | 13s,36 J | 50″,3 J |

**31992 P. — 43687 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 22h 16m | 84°9′ |
| 57 8-13 | 29s,18 G | |
| 10- 2 | 29,12 G | 55″,7 G |
| 10- 6 | | 54,9 G |

**31993 P. — 328 W$_1$.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 22h 17m | 81°28′ |
| 71 9- 4 | 14s,37 M | 7″,3 M |

**31994 P. — 359 W$_2$.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 22h 16m | 72°57′ |
| 58 9-25 | 33s,18 G | |
| 9-27 | 33,06 G | |

**31995 P. — 43717-18 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 22h 16m | 54°2′ |
| 59 11-23 | | 57″,5 G |
| 62 9-12 | 38s,26 G | 57,7 G |
| III. | 22h 17m | 53°58′ |
| 68 10-20 | 17s,83 G | 26″,1 G |
| 10-22 | 17,89 G | 24,9 G |

**31996 P. — 43697-98 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 22h 17m | 81°20′ |
| 74 9-17 | 18s,40 M | 15″,4 M |
| 10-10 | 18,27 M | 14,4 M |
| 10-13 | 18,32 M | 15,0 M |

**31997 P. — 43690 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 22h 15m | 90°13′ |
| 40 10- 6 | | 29″,8 F |
| II. | 22h 16m | 90°8′ |
| 56 10-28 | 33s,52 G | |
| 57 8-30 | 33,53 G | |
| 9-18 | | 56″,5 G |
| III. | 22h 17m | 90°4′ |
| 80 9- 3[1] | 19s,54 M | 25″,8 M |

[1] 𝒟 augmentée de 1′.

**31998 P. — 43663 et 79 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 22h 16m | 112°18′ |
| 55 9-23 | 33s,92 G | 18″,9 G |
| 58 11-10 | | 20,7 F |
| 59 12- 7 | 33,85 G | 19,6 G |

Dates 1800+ — Positions moyennes pour les époques du Catal.

### 31998 P. (suite).

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | 22h17m | 112°13' |
| 81 10-19 | 23s,59 M | 47",2 M |

### 31999 P. — 43691 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | 22h15m | 93°32' |
| 40 10-10 | 50s,87 G | |
| 10-12 | 50,82 G | |
| 10-13 | 50,65 G | |
| II. | 22h16m | 93°27' |
| 57 8-11 | | 50",7 G |
| 11-15 | 37s,55 G | 52,2 G |
| III. | 22h17m | 93°23' |
| 80 9-11 | 24s,34 M | 18",4 M |

### 32000 P. — 43704 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 22h16m | 73°2' |
| 58 8-31[1] | 42s,38 G | 59",6 G |
| 9-25 | 42,71 G | 59,6 G |
| 9-27 | 42,61 G | 60,9 G |

[1] 𝒟 augmentée de 16" : erreur de réduct.

### 32001 P. — 43688 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | 22h15m | 101°58' |
| 40 8-31 | | 5",8 F |
| 47 7-10 | 52s,96 G | |
| 10-2 | 52,70 G | |
| II. | 22h16m | 101°53' |
| 54 8-29 | 40s,56 G | 33",7 G |
| III. | 22h17m | 101°49' |
| 80 9-10 | 28s,56 J | 3",5 J |

### 32002 P. — 43702-03 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 22h16m | 79°35' |
| 58 9-30 | | 9",6 G |
| III. | 22h17m | 79°30' |
| 79 9-1 | 30s,37 M | 38",8 M |
| 9-3 | 30,38 M | 38,5 M |

### 32003 P. — 43692 et 94 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 22h16m | 100°54' |
| 54 9-7 | 43s,13 G | 16",5 G |
| III. | 22h17m | 100°49' |
| 79 10-6 | 30s,79 J | 42",5 J |

### 32004 P. — 43699 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | 22h16m | 95°37' |
| 39 8-20 | 2s,43 G | |
| 8-21 | 2,37 G | |
| 8-23 | 2,32 G | |
| 9-7 | 2,35 G | 7",8 F |
| 9-8 | 2,31 G | 7,3 F |
| 41 9-10 | 2,25 G | |
| 9-11 | 2,35 G | |
| 9-28 | 2,17 G | |
| 43 11-28[1] | 2,20 G | |
| 48 12-10 | 2,20 G | |
| 50 9-18 | 2,11 G | |
| II. | 22h16m | 95°32' |
| 55 9-15 | | 38",0 G |
| 9-16 | | 37,4 G |
| 10-2 | 49s,17 G | |
| 56 8-13 | 49,18 G | 38,5 G |
| III. | 22h17m | 95°28' |
| 78 10-7 | 36s,08 M | 7",8 M |
| 80 7-24 | 36,11 G | 6,7 G |
| 9-16 | 36,23 M | 6,3 M |

[1] Erreur de 10° dans la décl. approchée inscrite. Le cahier porte ✶h = 45°32' (5e g'); il faut lire ✶h = 35°32'.

### 32005 P. — 43721 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 22h16m | 69°50' |
| 57 9-20 | 53s,52 G | |
| III. | 22h17m | 69°46' |
| 79 9-8 | 36s,67 M | 3",7 M |
| 9-10 | 36,55 M | 3,7 M |

### 32006 P. — 43726-27 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 22h16m | 61°10' |
| 57 10-1 | 56s,33 G | 33",1 G |
| 10-22 | 56,27 G | 33,3 G |
| 58 8-8 | 56,62 G | 32,2 G |
| 8-28 | 56,14 G | 31,7 G |
| 9-19 | 56,29 G | 32,7 G |
| 59 8-21 | 56,25 G | 33,2 G |
| 11-3 | | 32,2 G |
| III. | 22h17m | 61°6' |
| 71 10-23 | 37s,60 G | 1",5 G |

### 32007 P. — 43720 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | 22h16m | 69°56' |
| 50 8-3 | 12s,21 G | |
| II. | 22h16m | 69°51' |
| 57 9-20 | 55s,26 G | 28",4 G |
| 58 9-18 | | 27,0 G |
| 11-6 | | 28,0 G |

### 32007 P. (suite).

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | 22h17m | 69°46' |
| 79 9-18 | 38s,91 G | 58",8 G |
| 10-7 | 38,62 G | |

### 32008 P. — 43689 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 22h16m | 114°4' |
| 58 8-5 | | 29",7 G |
| 61 10-12 | 49s,12 G | 31,0 G |
| 10-20 | 49,05 G | 32,3 G |

### 32009 P. — 43722 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 22h16m | 71°31' |
| 56 9-8 | | 1",3 G |
| 59 8-29[1] | 57s,49 G | 2,0 G |
| 9-24 | 57,13 G | 2,5 G |

[1] 𝒜 diminuée de 0s,20 : erreur de moy.

### 32010 P. — 4364 A + 28°.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 22h17m | 61°12' |
| 58 8-8 | 1s,76 G | |

### 32011 P. — 43707-08 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | 22h16m | 92°50' |
| 42 10-5 | 10s,21 G | |
| 10-6 | 10,28 G | |
| 10-7 | 10,22 G | 38",3 F |
| 10-8 | 10,31 G | |
| 10-9 | 10,31 G | |
| 10-10 | 10,28 G | |
| 10-11 | 10,29 G | |
| II. | 22h16m | 92°46' |
| 55 9-4 | | 7",8 G |
| III. | 22h17m | 92°41' |
| 68 10-5 | 43s,39 M | 36",1 M |
| 74 10-8 | | 38,4 G |
| 10-12 | 43,29 G | 35,9 G |

### 32012 P. — 43716 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 22h16m | 84°30' |
| 57 8-6 | 58s,71 G | 7",6 G |
| 58 10-16[1] | 58,76 G | 8,4 G |
| 11-1[2] | 58,79 G | 8,4 G |
| 60 9-11 | 58,98 G | 9,4 G |

[1] 𝒟 augmentée de 10"; err. de réd.

[2] Indiquée à tort à l'obs. d'𝒜 comme 43726 L. (dist. des fils).

### 32013 P. — 43701 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | 22h16m | 104°18' |
| 39 9-11[1] | | 47",2 F |
| 48 11-14 | 8s,53 G | |
| 49 8-15 | 8,54 G | |
| II. | 22h16m | 104°14' |
| 54 9-2 | | 15",3 G |
| 9-25 | 56s,84 G | |
| 57 10-27 | 56,82 G | 15,0 G |
| 10-28 | 56,86 G | 16,3 G |
| 58 8-23 | 56,68 G | 15,2 G |
| 8-24 | 56,71 G | 14,7 G |
| 10-8 | | 13,4 G |
| III. | 22h17m | 104°9' |
| 75 8-17 | 45s,23 M | 40",1 M |

[1] 𝒟 diminuée de 15'.

### 32014 P. — 43695 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 22h16m | 117°33' |
| 54 10-28 | | 59",1 G |
| 57 8-7 | 55s,84 G | 61,1 G |
| 60 9-20 | 56,06 G | 62,6 G |

### 32015 P. — 43700 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 22h16m | 108°18' |
| 54 8-30 | 57s,94 G | |
| 9-6 | | 0",9 G |
| 10-15[1] | | 0,0 G |
| III. | 22h17m | 108°13' |
| 75 10-12 | 46s,93 M | 32",0 M |
| 10-16 | 46,97 M | 30,7 M |
| 10-23 | 47,05 M | 30,1 M |
| 11-2 | 46,89 M | 30,5 M |

[1] 𝒟 augmentée de 1' : err. de transcr.

### 32016 P. — 43713-14 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 22h17m | 100°30' |
| 61 9-2 | 4s,31 G | 27",7 G |
| III. | 22h17m | 100°25' |
| 78 10-12 | 52s,03 M | 56",9 M |
| 10-15 | 51,94 M | 55,0 M |

### 32017 P. — 43710 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 22h17m | 103°53' |
| 54 8-31 | 3s,96 G | 31",1 G |
| III. | 22h17m | 103°49' |
| 79 8-30 | 52s,17 J | 1",0 J |

### 32018 P. — 43715 L.

| Dates 1800+ A. | M. J. | Positions moyennes pour les époques du Catal. AR | D |
|---|---|---|---|
| | | I. 22h 16m | 101°56′ |
| 40 | 8-28 | 16s,56 G | 23″,9 F |
| | 8-30 | 17,01 G | |
| | 8-31 | 17,02 G | 22,6 F |
| 47 | 7-3 | 16,83 G | |
| | 7-4 | 16,77 G | 22,5 F |
| | 7-6 | 16,62 G | |
| | 7-8 | 16,99 G | 23,3 F |
| | 7-9 | 16,60 G | |
| | 7-10 | 16,98 G | 21,9 G |
| | 7-11 | 16,64 G | |
| | 7-12 | 16,67 G | |
| | 7-21 | 16,87 G | |
| | 7-27 | 16,83 G | |
| | 7-29 | 16,76 G | |
| | 7-31 | 16,85 G | 22,7 F |
| | 8-1 | | 24,7 F |
| | 8-2 | 16,79 G | |
| | 8-3 | 16,86 G | 23,0 G |
| | 8-11 | | 22,6 G |
| | 8-12 | | 21,9 G |
| | 8-14 | 16,82 G | 24,1 F |
| | 8-16[1] | 16,86 G | 21,0 F |
| | 8-30 | 16,77 G | 22,4 G |
| | 8-31 | 16,56 G | 21,5 G |
| | 9-6 | 16,90 G | 21,9 G |
| | 9-9 | 16,51 G | 22,3 G |
| | 9-10 | 16,53 G | 20,9 G |
| | 9-14 | 16,68 G | |
| | 9-28 | | 22,3 G |
| | 9-29 | 16,54 G | |
| | 10-8 | | 23,7 G |
| | 10-15 | | 22,0 G |
| | 10-30 | 16,80 G | |
| | 11-2 | 16,81 G | |
| | 11-7 | 16,71 G | |
| | 11-13 | 16,76 G | 21,0 G |
| 48 | 9-8 | 16,68 G | |
| | 9-18 | 16,84 G | 22,5 G |
| | 9-19 | | 19,6 F |
| | | II. 22h 17m | 101°51′ |
| 54 | 9-1 | | 49″,8 G |
| | 9-6 | 4s,59 G | |
| 58 | 9-9 | 4,72 G | 49,9 G |
| 67 | 9-21 | 4,54 M | 51,1 M |
| | | III. 22h 17m | 101°47′ |
| 80 | 9-14 | 52s,45 M | 19″,2 M |

[1] AR diminuée de 1m.

### 32019 P. — 43739 L.

| A. | M. J. | AR | D |
|---|---|---|---|
| | | III. 22h 17m | 43°55′ |
| 80 | 9-14 | 54s,37 G | 51″,2 G |
| 81 | 9-28 | 54,54 G | 52,5 G |

### 32020 P. — 43733 L.

| A. | M. J. | AR | D |
|---|---|---|---|
| | | II. 22h 17m | 60°15′ |
| 58 | 10-2 | 13s,79 G | 53″,5 G |
| | | III. 22h 17m | 60°11′ |
| 71 | 9-17 | 54s,90 G | 22″,6 G |
| | 10-14 | 54,67 G | 22,2 G |

### 32021 P. — 43729 L.

| A. | M. J. | AR | D |
|---|---|---|---|
| | | II. 22h 17m | 75°25′ |
| 56 | 8-14 | 10s,90 G | 30″,0 G |
| | | III. 22h 17m | 75°21′ |
| 71 | 9-14 | 54s,92 G | |

### 32022 P. — 30876 Mn₁.

| A. | M. J. | AR | D |
|---|---|---|---|
| | | II. 22h 17m | 84°33′ |
| 55 | 10-9 | 14s,50 G | |

### 32023 P. — 3760 Gr.

| A. | M. J. | AR | D |
|---|---|---|---|
| | | I. 22h 17m | 24°4′ |
| 38 | 10-30 | 8s,64 G | 33,3 F |
| | 11-22 | 8,86 G | 29,0 F |

### 32024 P. — 43719 L.

| A. | M. J. | AR | D |
|---|---|---|---|
| | | II. 22h 17m | 103°39′ |
| 54 | 9-3[1] | 15s,12 G | 52″,8 G |
| | | III. 22h 18m | 103°35′ |
| 79 | 9-16 | 3s,45 J | 22″,2 J |

[1] AR augmentée de 1m : err. de transcr.

### 32025 P. — 43745-46 L.

| A. | M. J. | AR | D |
|---|---|---|---|
| | | II. 22h 17m | 48°38′ |
| 67 | 10-2 | 25s,69 M | 52″,1 M |
| | 11-6 | 25,62 M | 52,3 M |
| | 11-7 | 25,59 M | 49,3 M |

### 32026 P. — 43724 L.

| A. | M. J. | AR | D |
|---|---|---|---|
| | | II. 22h 17m | 100°8′ |
| 54 | 9-4 | 19s,38 G | 8″,1 G |
| | | III. 22h 18m | 100°3′ |
| 79 | 9-26 | 7s,22 J | 38″,2 J |

### 32027 P. — 43731-32 L.

| A. | M. J. | AR | D |
|---|---|---|---|
| | | II. 22h 17m | 86°53′ |
| 57 | 9-24 | | 13″,4 G |
| | 10-15 | 22s,11 G | 13,9 G |
| | | III. 22h 18m | 86°48′ |
| 79 | 10-3 | 7s,41 M | 44″,4 M |
| | 10-7 | 7,48 M | 43,3 M |

### 32028 P. — 43730 L.

| A. | M. J. | AR | D |
|---|---|---|---|
| | | I. 22h 16m | 91°58′ |
| 39 | 9-8 | | 17″,2 F |
| | 11-28 | 35s,96 G | |
| 42 | 10-3[1] | 35,81 G | |
| 47 | 9-27 | 36,01 G | 16,1 G |
| | 9-28 | 35,82 G | |
| | | II. 22h 17m | 91°53′ |
| 55 | 8-9 | 22s,44 G | |
| 57 | 10-12 | | 46″,8 G |
| 58 | 9-28 | 22,40 G | 45,2 G |
| 59 | 11-18[2] | 22,28 G | |
| | | III. 22h 18m | 91°49′ |
| 76 | 9-20 | 8s,89 G | 13″,7 G |
| 78 | 9-14 | 8,92 M | 13,8 M |

[1] Erreur de 1° dans la déclinaison approchée inscrite.

[2] AR augmentée de 0s,40 : erreur de 1s sur 2 fils.

### 32029 P. — 43725 L.

| A. | M. J. | AR | D |
|---|---|---|---|
| | | II. 22h 17m | 102°5′ |
| 54 | 9-8 | 22s,62 G | |
| 67 | 9-19[1] | 22,74 M | 42″,4 M |
| | | III. 22h 18m | 102°1′ |
| 78 | 10-17 | 10s,56 M | 12″,9 M |

[1] D augmentée de 10″ : erreur de réduction.

### 32030 P. — 43758-59 L.

| A. | M. J. | AR | D |
|---|---|---|---|
| | | III. 22h 18m | 45°16′ |
| 80 | 10-18 | 19s,35 G | 56″,3 G |
| 81 | 9-29 | 19,49 G | 55,3 G |

### 32031 P. — 43734 L.

| A. | M. J. | AR | D |
|---|---|---|---|
| | | II. 22h 17m | 74°26′ |
| 56 | 9-16 | 36s,91 G | |
| | 11-14 | | 38″,0 G |
| 57 | 10-13 | 37,01 G | 37,7 G |
| 59 | 9-11[1] | 37,03 G | 36,8 G |

[1] AR diminuée de 0s,40 : le premier fil doit être augmenté de 1s et les trois derniers fils diminués de 1s; cette dernière erreur est commune à cette étoile et à 9151 Berlin A observée en même temps.

### 32032 P. — 43751 L.

| A. | M. J. | AR | D |
|---|---|---|---|
| | | II. 22h 17m | 52°8′ |
| 58 | 10-17 | 42s,69 G | 19″,7 G |

### 32032 P. (suite).

| A. | M. J. | AR | D |
|---|---|---|---|
| | | III. 22h 18m | 52°3′ |
| 68 | 10-7 | 22s,23 G | 45″,1 G |
| | 10-8 | 22,27 G | 46,5 G |

### 32033 P. — 43762 L.

| A. | M. J. | AR | D |
|---|---|---|---|
| | | III. 22h 18m | 44°38 |
| 81 | 9-13 | 24s,64 M | 21″,3 M |
| | 10-5 | 24,34 M | 22,0 M |

### 32034 P. — 92 Piazzi.

| A. | M. J. | AR | D |
|---|---|---|---|
| | | I. 22h 17m | 34°49′ |
| 40 | 11-26 | 18s,26 G | 9″,8 F |

### 32035 P. — 43755 L.

| A. | M. J. | AR | D |
|---|---|---|---|
| | | II. 22h 17m | 56°6′ |
| 67 | 10-31 | | 21″,6 G |
| | | III. 22h 18m | 56°1′ |
| 73 | 9-19 | 26s,87 M | 48″,4 M |
| | 10-8 | 26,92 G | 49,4 G |
| | 10-28 | 26,89 G | |

### 32036 P. — 9151 Berlin A.

| A. | M. J. | AR | D |
|---|---|---|---|
| | | II. 22h 17m | 74°33′ |
| 59 | 9-11[1] | 46s,30 G | |

[1] AR diminuée de 0s,60 : erreur de 1s sur les trois derniers fils. (*Voir* 32031 P.)

### 32037 P. — 43736 à 38 L.

| A. | M. J. | AR | D |
|---|---|---|---|
| | | II. 22h 17m | 80°53′ |
| 55 | 10-31 | 46s,08 G | 52″,2 G |
| | | III. 22h 18m | 80°49′ |
| 71 | 9-19 | 30s,82 M | 23″,8 M |

### 32038 P. — 43747-48 L.

| A. | M. J. | AR | D |
|---|---|---|---|
| | | II. 22h 17m | 81°58′ |
| 56 | 9-1[1] | 52s,37 G | 17″,8 G |
| | 10-25 | 52,47 G | |
| 57 | 9-21 | 52,59 G | |
| | | III. 22h 18m | 81°53′ |
| 79 | 8-30 | 37s,48 G | 48″,2 G |
| | 9-8 | 37,21 G | 46,3 G |

[1] AR augmentée de 0s,40 : erreur de 1s sur 2 fils.

| Dates 1800 + A. M. J. | | Positions moyennes pour les époques du Catal. Æ. | P. |
|---|---|---|---|

### 32039 P. — 43781 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | I. | |
| | | 22h 17m | 38°32' |
| 37 | 1- 8 | 28s,40 G | |
| | 8-10[1-2] | 28,27 G | 42",0 F |
| | 8-18 | 28,39 G | |
| | 9-11[2] | 28,53 G | 41,1 F |
| | 9-20 | 28,55 G | |
| | 9-23 | 28,21 G | |
| | 9-27[2-3] | 28,38 G | 44,8 F |
| | 9-28 | 28,46 G | |
| | 10- 4[2] | | 42,6 F |
| | 11- 4[2] | | 42,0 F |
| 38 | 9- 6 | 28,49 G | |
| 41 | 8-19[2] | | 45,2 F |
| | 8-27 | 28,44 G | |
| 50 | 9- 5 | 28,52 G | 47,2 G |
| 53 | 1- 6 | 28,47 G | |
| | | II. | |
| | | 22h 18m | 38°28' |
| 63 | 9-15 | | 18",5 G |
| | 9-26 | | 18,2 G |
| | 9-27 | | 17,8 G |
| 64 | 10-20 | | 18,1 G |
| 65 | 9-18 | | 17,8 G |
| | 9-19 | | 18,1 G |
| | 9-20 | | 18,4 G |
| | 9-21 | | 17,9 G |
| | | III. | |
| | | 22h 18m | 38°23' |
| 81 | 9-30 | 38s,47 G | 49",5 G |
| | 10- 1 | 38,55 G | 50,9 G |

[1] Æ diminuée de 2s : erreur de moy.
[2] Observation de distance polaire faite près du zénith sans indication de la position de l'observateur. On n'a pas tenu compte de la valeur de l'équation personnelle dans le calcul de la distance polaire.
[3] P diminuée de 2'30" (5t de vis des microscopes).

### 32040 P. — 43744 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | II. | |
| | | 22h 17m | 86°54' |
| 56 | 9- 6[1] | 54s,78 G | 10",7 G |
| | | III. | |
| | | 22h 18m | 86°49' |
| 79 | 9-25 | 40s,25 J | 40",0 J |
| | 9-27 | 40,34 J | 40,6 J |
| | 9-30 | 40,30 J | 40,3 J |

[1] Æ augmentée de 2s : erreur de transcription.

### 32041 P. — 43770 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | III. | |
| | | 22h 18m | 47°4' |
| 72 | 9-26 | 40s,72 M | 59",1 M |
| 74 | 9-12 | 40,60 M | 58,0 M |
| | 9-30 | 40,59 M | 58,2 M |
| | 10- 3 | 40,69 M | 58,4 M |
| | 10-12 | 40,55 M | 60,7 M |

### 32042 P. — 374 $W_1$.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | II. | |
| | | 22h 17m | 76°12' |
| 57 | 9- 8 | 57s,09 G | 23",6 G |

### 32043 P. — 43774 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | III. | |
| | | 22h 18m | 41°59' |
| 68 | 10-20 | 42s,32 M | 13",4 M |
| 72 | 9-25 | 42,68 M | 12,4 M |

### 32044 P. — 369 $W_1$.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | II. | |
| | | 22h 17m | 102°47' |
| 61 | 9-26[1] | 55s,56 G | 8",4 G |

[1] Indiquée à tort 43735 L. à l'obs. de passage. Le cahier porte d'ailleurs 43771 L. (D = −12°47').

### 32045 P. — 43756 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | II. | |
| | | 22h 18m | 71°50' |
| 56 | 8-30 | 0s,56 G | 41",6 G |
| 58 | 9-12 | | 41,7 G |
| | | III. | |
| | | 22h 18m | 71°46' |
| 71 | 9- 9 | 44s,07 G | |

### 32046 P. — 43763 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | II. | |
| | | 22h 18m | 63°59' |
| 58 | 8-10 | 5s,15 G | 32",9 G |
| | 11-10 | 4,96 G | 33,2 G |
| | 11-12 | 5,23 G | 34,2 G |

### 32047 P. — 43735 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | II. | |
| | | 22h 17m | 106°18' |
| 54 | 9-19 | 58s,71 G | 31",8 G |
| 59 | 10-17 | 58,60 G | |
| | | III. | |
| | | 22h 18m | 106°13' |
| 79 | 10- 3 | 47s,30 J | 57",4 J |
| | 10- 4 | 47,48 J | 58,5 J |
| | 10- 7 | 47,28 J | 58,3 J |

### 32048 P. — 375 $W_1$.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | II. | |
| | | 22h 18m | 88°49' |
| 61 | 9- 3 | | 53",4 G |

### 32049 P. — 381 $W_1$.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | II. | |
| | | 22h 18m | 72°56' |
| 58 | 8-31 | 8s,20 G | |
| | 9-27 | 7,91 G | 42",5 G |

### 32050 P. — 10200 Rümker.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | II. | |
| | | 22h 18m | 68°9' |
| 58 | 8- 6 | 9s,04 G | |

### 32051 P. — 43740 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | II. | |
| | | 22h 18m | 102°37' |
| 54 | 9-20[1] | 3s,90 G | |
| 59 | 11-11 | 3,97 G | 1",6 G |
| 61 | 9- 3 | 3,77 G | |
| 67 | 9-26 | 4,10 M | 1,5 M |
| | | III. | |
| | | 22h 18m | 102°32' |
| 78 | 10- 8 | 51s,92 M | 29",5 M |
| | 10-16 | 52,00 M | 28,9 M |

[1] Æ dim. de 1m : erreur de transcript.

### 32052 P. — 43757 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | I. | |
| | | 22h 17m | 83°55' |
| 40 | 10-31 | 23s,42 G | |
| | 11- 3 | 23,42 G | |
| | 11- 6 | 23,26 G | |
| | | II. | |
| | | 22h 18m | 83°50' |
| 58 | 8-12 | 8s,35 G | 59",5 G |
| 61 | 10-28 | 8,52 G | 60,1 G |

### 32053 P. — 43752-53 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | I. | |
| | | 22h 17m | 89°24' |
| 37 | 8-29 | 21s,57 G | |
| | 10- 3 | 21,46 G | |
| | 10- 4 | 21,53 G | |
| | 10-12 | 21,44 G | |
| | 11-23 | 21,52 G | |
| 38 | 8-15 | 21,58 G | |
| | 12-13 | | 25",8 F |
| 40 | 9-20 | 21,41 G | |
| | 10- 4 | 21,48 G | |
| | 10-10 | 21,53 G | |
| | 10-12 | 21,61 G | |
| 41 | 9- 9 | 21,40 G | |
| | 10-12 | 21,48 G | |
| 42 | 10-15 | 21,74 G | |
| | 10-16 | 21,77 G | |
| | 10-19 | 21,60 G | |
| | 10-20 | 21,70 G | |
| 46 | 9- 5 | 21,58 G | |
| | 9- 6 | 21,64 G | |
| | 9-12 | 21,48 G | |
| | 9-13 | 21,73 G | |
| | 9-14 | 21,65 G | |
| | 9-15 | 21,65 G | |
| | 10-10 | 21,56 G | |
| 49 | 9-17 | 21,54 G | |
| | 9-21 | 21,60 G | |
| 50 | 9-17 | | 23,7 G |
| 52 | 10-30 | 21,54 G | |
| | 12-11 | 21,53 G | |
| | 12-18[1] | 21,64 G | |
| 53 | 7-23 | 21,56 G | |
| | 8- 8 | 21,61 G | |
| | 9-11 | 21,62 G | |

### 32053 P. (suite).

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | II. | |
| | | 22h 18m | 89°19' |
| 56 | 8- 5 | 7s,53 G | |
| | 9- 2 | | 54",5 G |
| 57 | 9-27 | 7,62 G | |
| | 10- 7 | 7,50 G | 55,1 G |
| | 11- 4 | 7,56 G | |
| | | III. | |
| | | 22h 18m | 89°15' |
| 72 | 10-25 | 53s,48 G | |
| 74 | 9-12 | 53,46 G | 22",2 G |
| | 9-17 | | 23,0 G |
| 75 | 8-17 | 53,44 G | 21,2 G |
| 79 | 9-18 | 53,51 J | 23,3 J |

[1] Æ diminuée de 1m.

### 32054 P. — 43760 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | II. | |
| | | 22h 18m | 81°54' |
| 56 | 10-18 | | 35",1 G |
| | | III. | |
| | | 22h 18m | 81°50' |
| 79 | 10- 6 | 57s,44 M | 2",4 M |
| | 10-11 | 57,29 M | 1,5 M |

### 32055 P. — 43742 et 43 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | I. | |
| | | 22h 17m | 111°1' |
| 41 | 10-21 | 19s,31 G | |
| 43 | 10-19 | 19,33 G | |
| | | II. | |
| | | 22h 18m | 110°56' |
| 55 | 8-11 | 8s,60 G | |
| | 9-24 | 8,47 G | 45,7 G |
| 59 | 10-17 | | 46,8 G |
| | 10-22 | | 47,1 G |

### 32056 P. — 43773 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | II. | |
| | | 22h 18m | 56°5' |
| 66 | 9-20 | 19s,76 G | |
| | | III. | |
| | | 22h 18m | 56°0' |
| 68 | 10-10 | 59s,78 G | 45",1 G |
| | 10-13 | 59,72 G | 44,0 G |

### 32057 P. — 43749 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | | II. | |
| | | 22h 18m | 106°3 |
| 54 | 9-16 | 12s,12 G | |
| 58 | 9-11 | | 56",8 G |
| | 10- 6 | 12,05 G | 59,4 G |
| 59 | 10-16 | 12.12 G | |

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### 32058 P. — 43772 L.

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 22h 18m | 62° 1' |
| 58 9-10 | 20s,57 G | 18",4 G |
| 11-2 | | 18,9 G |
| | III. | |
| | 22h 19m | 61° 56' |
| 71 11-20 | 1s,92 G | |

### 32059 P. — 43792 L.

| A. M. J. | Æ | D |
|---|---|---|
| | III. | |
| | 22h 19m | 41° 48' |
| 81 10-19 | 6s,87 G | 40",1 G |
| 10-22 | 6,77 G | 38,6 G |

### 32060 P. — 43768 L.

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 22h 18m | 79° 10' |
| 57 8-26 | 24s,53 G | |
| 10-3 | 24,51 G | 52",2 G |
| 10-20 | 24,42 G | 53,2 G |
| 58 10-1 | 24,22 G | 52,1 G |

### 32061 P. — 43750 L.

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 22h 18m | 118° 43' |
| 55 8-17 | 18s,52 G | |
| 58 10-30 | | 19",4 G |
| 11-10 | | 19,5 F |
| | III. | |
| | 22h 19m | 118° 38' |
| 80 9-30 | 9s,24 M | 45",2 M |

### 32062 P. — 43765-66 L.

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 22h 18m | 85° 57' |
| 57 10-6 | | 46",1 G |
| 58 10-29 | 24s,24 G | 44,3 G |
| 11-4 | | 45,0 G |

### 32063 P. — 401 W$_2$.

| A. M. J. | Æ | D |
|---|---|---|
| | III. | |
| | 22h 19m | 60° 8' |
| 71 10-16 | 9s,94 M | 55",7 M |

### 32064 P. — 43782 L.

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 22h 18m | 64° 5' |
| 57 12-18 | 31s,01 G | 49",3 G |
| | III. | |
| | 22h 19m | 64° 1' |
| 79 8-31 | 12s,96 G | 17",0 G |

### 32065 P. — 43787 L.

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 22h 18m | 49° 24' |
| 58 11-11 | 34s,31 G | 5",6 G |
| | III. | |
| | 22h 19m | 49° 19' |
| 80 10-1 [1] | 13s,05 M | 32",3 M |
| 10-24 [2] | 13,19 M | 27,8 M |

[1] D augmentée de 7" : erreur de transcr.
[2] D non comprise dans la moyenne.

### 32066 P. — 43775 L.

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 22h 18m | 68° 50' |
| 58 10-4 | 30s,43 G | 2",9 G |
| | III. | |
| | 22h 19m | 68° 45' |
| 80 9-9 | 13s,13 M | 30",9 M |

### 32067 P. — 91 Piazzi.

| A. M. J. | Æ | D |
|---|---|---|
| | I. | |
| | 22h 17m | 114° 28' |
| 39 9-18 | 35s,65 G | |
| 9-20 | 35,64 G | |
| 9-21 | 35,75 G | |
| 40 10-8 | 35,88 G | |
| 10-30 | 36,11 G | |
| 43 9-28 | | 3",6 F |

### 32068 P. — 43764 L.

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 22h 18m | 99° 40' |
| 58 9-8 | 30s,43 G | 10",6 G |
| 9-11 | | 8,9 F |
| 64 9-26 | | 10,8 M |
| 9-28 | 30,51 M | 11,5 M |

### 32069 P. — 43786 L.

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 22h 18m | 57° 55' |
| 59 10-27 | | 3",2 G |
| 11-20 | | 3,9 G |
| 60 11-5 | 41s,10 G | 2,7 G |
| 11-16 | | 2,3 G |
| 61 9-25 | | 3,3 G |
| 10-5 [1] | 41,21 G | 2,1 G |
| 66 9-1 | 41,30 G | |
| 9-10 | 41,30 G | |
| 9-26 | 41,30 G | |
| 9-28 | 41,26 G | |
| 67 10-28 | | 1,8 G |

[1] Æ diminuée de 0s,30. (*Voir* 30809 P).

### 32070 P. — 43797 L.

| A. M. J. | Æ | D |
|---|---|---|
| | III. | |
| | 22h 19m | 49° 30' |
| 72 9-30 | 26s,10 M | 2",1 M |
| 74 9-24 | 26,12 M | 3,7 M |
| 10-7 | 26,12 M | 1,9 M |
| 75 9-15 | 26,19 M | 3,1 M |

### 32071 P. — 43808 L.

| A. M. J. | Æ | D |
|---|---|---|
| | I. | |
| | 22h 18m | 41° 18' |
| 41 10-12 | | 28",7 F |
| 45 8-4 | 14s,37 G | |
| 46 9-11 | | 26,5 G |
| 10-21 | | 28,0 G |
| 50 9-7 | | 28,6 G |
| 51 9-16 | 14,57 G | |
| | II. | |
| | 22h 18m | 41° 13' |
| 62 9-5 | 50s,73 G | |
| 9-11 | 50,54 G | |
| 10-16 | 50,70 G | 56",8 G |
| 63 8-7 | 50,70 G | |
| 8-14 | 50,66 G | |
| 9-12 | 50,75 G | |
| 9-15 | 50,66 G | |
| 9-18 | 50,72 G | |
| 9-19 | 50,70 G | |
| 10-9 | 50,58 G | |
| 10-12 | 50,72 G | |
| 64 9-5 | 50,74 G | |
| 9-9 | 50,65 G | |
| 9-11 | 50,64 G | |
| 9-12 | 50,65 G | |
| 9-23 | 50,66 G | |
| 9-26 | 50,77 G | |
| 10-17 | 50,73 G | |
| 65 9-22 | | 56,7 G |
| 9-23 | | 57,0 G |
| 9-25 | | 57,0 G |
| 9-26 | | 57,3 G |
| 10-23 | 50,61 G | |
| 67 9-28 | 50,62 M | 55,7 M |
| 10-28 | 50,53 M | 55,7 M |
| | III. | |
| | 22h 19m | 41° 9' |
| 72 8-28 | 27s,03 G | |
| 9-10 | 27,09 G | |

### 32072 P.

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 22h 18m | 61° 12' |
| 58 9-19 | 46s,17 G | |

### 32073 P. — 43769 L.

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 22h 18m | 103° 30' |
| 58 9-27 | | 35",6 F |
| | III. | |
| | 22h 19m | 103° 26' |
| 78 9-12 | 28s,58 M | 1",6 M |
| 9-18 | 28,34 M | 2,7 M |

### 32074 P. — 43767 L.

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 22h 18m | 108° 42' |
| 54 9-26 | 41s,38 G | 59",0 G |
| | III. | |
| | 22h 19m | 108° 38' |
| 75 10-6 | 30s,58 M | 30",0 M |
| 10-8 | 30,68 M | 30,5 M |
| 78 10-20 | 30,64 M | 31,0 M |

### 32075 P. — 43788 L.

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 22h 18m | 68° 8' |
| 58 8-6 | 50s,74 G | |
| 11-7 | | 6",6 G |
| 59 9-23 | 50,50 G | |
| | III. | |
| | 22h 19m | 68° 3' |
| 79 9-25 | 33s,44 G | 33",4 G |
| 9-26 | 33,41 G | 33,7 G |
| 9-30 | 33,36 G | 35,2 G |

### 32076 P. — 43771 L.

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 22h 18m | 102° 45' |
| 54 9-27 | | 38",0 G |
| | III. | |
| | 22h 19m | 102° 41' |
| 80 9-2 | 33s,54 M | 5",6 M |
| 9-29 | 33,55 M | 6,8 M |

### 32077 P. — 43777 et 79 L.

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 22h 18m | 95° 53' |
| 55 10-5 | 48s,93 G | 15",8 G |
| 57 9-18 | | 15,3 G |
| | III. | |
| | 22h 19m | 95° 48' |
| 78 10-31 | 35s,92 M | 42",8 M |
| 81 9-4 | 36,06 J | 43,2 J |
| 9-16 | 35,98 J | 43,0 J |
| 9-17 | 35,97 J | 43,2 J |
| 9-18 | 35,69 J | 44,0 J |
| 9-19 | 35,82 J | 43,6 J |
| 9-28 | 35,71 J | 43,6 J |
| 10-5 | 35,78 J | 45,2 J |
| 10-10 | 35,89 J | 43,8 J |
| 10-17 | 35,83 J | 44,4 J |
| 10-19 | 35,88 J | 44,5 J |

### 32078 P. — 43789 L.

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 22h 18m | 72° 15' |
| 56 8-7 | 55s,40 G | |
| 9-14 | | 58",7 G |
| 57 11-17 | 55,33 G | 58,8 G |
| 58 9-25 | 55,46 G | 60,2 G |
| 10-2 | | 59,5 G |

### 32079 P. — 43784 L.

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 22h 18m | 88° 44' |
| 56 10-21 | | 4",5 G |
| 58 8-27 | | 2,0 G |
| | III. | |
| | 22h 19m | 88° 39' |
| 80 9-24 | 41s,42 M | 36",9 M |
| 9-27 | 41,52 M | 32,8 M |

### 32080 P. — 43817 L.

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 19m | 44° 50′ |
| 80 8-19 | 44s,78 G | |
| 9-20 | 44,93 G | 58″,2 G |
| 9-28 | 44,83 G | 58,3 G |

### 32081 P. — 43785 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 19m | 93° 29′ |
| 55 8-11 | | 45″,4 G |
| 57 8-16 | 0s,25 G | |
| 58 8-27 | | 44,5 F |
| | III. | |
| | 22h 19m | 93° 25′ |
| 76 8-25 | 46s,70 G | 15″,4 G |
| 77 9- 4 | 46,57 G | 15,6 G |
| 78 9- 2 | 46,77 J | 15,0 J |

### 32082 P. — 43761 et 76 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 22h 18m | 107° 31′ |
| 39 9-11 | | 37″,3 F |
| 11-28 | 8s,53 G | |
| 41 9-28 | 8,46 G | |
| 52 8-13 | 8,93 G | |
| 11- 6 | 8,99 G | |
| | II. | |
| | 22h 18m | 107° 27′ |
| 54 9- 9 | 57s,60 G | |
| 9-21 | 57,65 G | 4″,4 G |
| 67 9-27 | 57,99 M | 2,5 M |
| | III. | |
| | 22h 19m | 107° 22′ |
| 73 10- 2 | 46s,60 M | 33″,2 M |
| 80 10-12 | 46,92 M | 31,4 M |

### 32083 P. — 43778 et 80 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 22h 18m | 107° 31′ |
| 39 9- 9 | 9s,25 G | 42″,1 F |
| 9-10 | | 42,4 F |
| 9-11 | 9,13 G | |
| 40 9-10 [1] | 8,66 G | 42,5 F |
| 45 7-29 | | 43,2 G |
| | II. | |
| | 22h 18m | 107° 27′ |
| 58 10- 8 | | 10″,2 G |
| | III. | |
| | 22h 19m | 107° 22′ |
| 75 10- 9 [2] | 47s,08 M | 38″,5 M |
| 81 9-28 | 47,27 M | 38,7 M |

[1] 𝒜 non comprise dans la moyenne. Indiquée E[2] Verseau.

𝒜 diminuée de 5s.

### 32084 P. — 43802 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 19m | 66° 36′ |
| 58 9-24 | 5s,27 G | 32″,7 G |
| | III. | |
| | 22h 19m | 66° 32′ |
| 81 10- 1 | 47s,83 M | 2″,0 M |

### 32085 P. — 43819 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 19m | 46° 10′ |
| 67 10- 1 | 10s,84 M | 14″,9 M |
| | III. | |
| | 22h 19m | 46° 5′ |
| 81 10-10 | 48s,97 M | 40″,4 M |
| 10-19 | 48,89 M | 41,8 M |

### 32086 P. — 43816 et 18 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 19m | 48° 36′ |
| 80 9- 9 | 49s,77 G | 6″,3 G |
| 9-10 | 49,84 G | 7,2 G |
| 9-11 | 50,05 G | 6,2 G |
| 10-12 | 49,78 G | |

### 32087 P. — 24034-35 A. O.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 19m | 38° 43′ |
| 81 10-18 | 53s,66 G | 56″,4 G |

### 32088 P. — 43754 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 22h 18m | 98° 9′ |
| 37 8- 6 | 25s,96 G | |
| 8- 8 [1] | 26,01 G | 42″,5 F |
| 39 9- 8 [2] | 26,05 G | 44,4 F |
| 9- 9 | | 45,9 F |
| 9-10 | | 46,3 F |
| 40 8-28 | 25,99 G | 45,7 F |
| 8-30 | 26,20 G | |
| 8-31 | 25,94 G | |
| 9-12 | 26,07 G | |
| 44 10- 5 | 25,95 G | |
| 10- 7 | 26,00 G | |
| 10- 8 | 25,91 G | |
| 10-10 | 25,99 G | |
| 10-11 | 26,04 G | |
| 10-15 | 25,93 G | |
| 10-19 | 25,85 G | |
| 52 8-28 | 25,88 G | |
| | II. | |
| | 22h 19m | 98° 5′ |
| 57 9-15 | | 13″,9 G |
| 62 9-16 | 13s,33 G | 14,4 G |
| 64 9-27 | 13,43 M | |

### 32088 P. (suite).

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 20m | 98° 0′ |
| 75 10-30 | 0s,62 M | 41″,9 M |
| 80 9- 3 | 0,57 M | 41,1 M |

[1] 𝒜 diminuée de 1m.

[2] Erreur de 50′ dans la déclinaison approchée indiquée.

### 32089 P. — 43796 et 99 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 19m | 88° 44′ |
| 56 8-26 | 16s,42 G | 27″,4 G |
| 57 8-13 | 16,49 G | |
| 58 8-27 | 16,38 G | |
| 61 10-16 | 16,53 G | 28,6 G |
| | III. | |
| | 22h 20m | 88° 39′ |
| 74 9- 9 | 2s,42 G | 55″,6 G |

### 32090 P. — 43790-91 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 22h 18m | 102° 0′ |
| 40 8-31 | | 52″,0 F |
| 47 7- 3 | 27s,34 G | |
| 7- 4 | 27,41 G | |
| 7- 6 | 27,24 G | |
| 7- 8 | 27,62 G | 52,4 G |
| 7- 9 | 27,51 G | |
| 7-11 | 27,46 G | |
| 7-12 | 27,38 G | |
| 7-21 | 27,42 G | |
| 7-27 | 27,38 G | |
| 7-29 | 27,42 G | |
| 7-31 | 27,42 G | |
| 8-14 | 27,52 G | |
| 8-16 | 27,46 G | |
| 8-27 | 27,49 G | |
| 8-30 | 27,34 G | |
| 8-31 | 27,29 G | |
| 9-22 | 27,16 G | |
| 9-29 | 27,36 G | 50,0 G |
| 9-29 [1] | | 52,9 F |
| 10- 2 [2] | 27,57 G | |
| 10- 3 | 27,28 G | 50,8 G |
| 10-30 | 27,49 G | |
| 11- 2 | 27,42 G | |
| 11- 7 | 27,34 G | |
| 11-13 | 27,45 G | |
| 12- 8 | 27,41 G | |
| 48 11-23 | | 51,4 G |
| 50 9- 7 | 27,33 G | |
| 53 7-19 | 27,42 G | 49,2 G |
| | II. | |
| | 22h 19m | 101° 56′ |
| 54 8-20 | 15s,32 G | |
| 8-26 | 15,28 G | |
| 8-27 | 15,27 G | 18″,7 G |
| | III. | |
| | 22h 20m | 101° 51′ |
| 79 10- 4 | 3s,23 M | 45″,4 M |

[1] 𝒫 diminuée de 1′ : erreur de réduct.

[2] 𝒜 diminuée de 1m.

### 32091 P. — 43805 à 07 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 19m | 82° 48′ |
| 56 8-29 | | 19″,1 G |
| 9-23 | 19s,32 G | 19,6 G |
| 9-28 | | 19,7 G |
| | III. | |
| | 22h 20m | 82° 43′ |
| 79 9-18 | 4s,31 G | 46″,8 G |
| 10- 4 | 4,27 G | 50,6 G |

### 32092 P. — 43826 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 20m | 44° 38′ |
| 80 9-24 | 4s,47 G | 59″,4 G |
| 9-26 | 4,53 G | 58,8 G |

### 32093 P. — 43798 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 19m | 91° 16′ |
| 58 9- 9 | | 36″,5 F |
| 9-26 | 18s,26 G | 39,9 G |
| 59 9- 5 | 18,45 G | |
| 64 9-29 | 18,50 M | 39,3 M |

### 32094 P. — 43794-95 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 19m | 102° 3′ |
| 54 8-28 | 22s,67 G | 36″,9 G |
| 58 9-12 | | 36,8 G |
| | III. | |
| | 22h 20m | 101° 59′ |
| 78 11- 6 | 10s,55 M | 5″,6 M |
| 80 9-10 | 10,65 J | 4,4 J |
| 9-26 | 10,67 M | 4,6 M |

### 32095 P.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 20m | 66° 32′ |
| 81 9-30 | 11s,23 M | 36″,5 M |

### 32096 P. — 30948 $Mn_1$.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 22h 18m | 101° 24′ |
| 48 7-22 | 36s,08 G | |

### 32097 P. — 43800-01 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 19m | 99° 13′ |
| 56 7-26 | | 19″,5 G |
| 8- 1 | | 19,1 G |
| 10-27 | 24s,69 G | |
| 11-12 | | 19,8 G |
| 57 11-15 | 24,65 G | 19,7 G |

### 32098 P. — 43823 L.

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 19m | 56°3′ |
| 59 11-18 | | 47″,5 G |
| 11-23 | | 47,2 G |
| 61 10- 4 | 31s,94 G | 44,9 G |
| 62 10- 8 | 31,87 G | 44,9 G |
| 66 10- 9[1] | 31,91 G | |
| | III. | |
| | 22h 20m | 55°59′ |
| 68 10-20 | 12s,20 G | |
| 10-22 | 12,35 G | 13″,4 G |
| 69 9-23 | 12,33 M | 12,5 M |
| 10- 9 | 12,17 M | 13,2 M |

[1] Æ diminuée de 5s : err. de moy.

### 32099 P. — 43820 L.

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 19m | 64°46′ |
| 58 9-15 | 30s,95 G | 54″,1 G |
| 9-30 | | 54,2 G |
| 59 8-21[1] | 30,99 G | 57,3 G |
| | III. | |
| | 22h 20m | 64°42′ |
| 71 10-17 | 13s,00 M | 24″,9 M |
| 10-17 | 12,92 G | 23,5 G |

[1] Æ augmentée de 1m : erreur de transcription.

### 32100 P. — 43793 L.

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 19m | 110°2′ |
| 54 10-31 | 24s,76 G | |
| 55 9-19 | | 60″,1 G |
| 58 10-31 | 24,77 G | |
| 61 9- 2 | 24,56 G | 60,2 G |
| 9-27 | 24,64 G | 60,9 G |
| 9-30 | 24,73 G | 59,4 G |
| 10- 2 | 24,72 G | 61,1 G |

### 32101 P. — 43835 L.

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 20m | 43°31′ |
| 80 9-29 | 14s,56 G | 49″,0 G |
| 10- 1 | 14,06 G | 50,0 G |

### 32102 P. — 43809-10 L.

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | I. | |
| | 22h 18m | 86°23′ |
| 37 8-23 | 43s,93 G | |
| 8-24 | 43,79 G | |
| 8-25 | 43,95 G | 42″,3 F |
| 8-27 | 43,77 G | 42,7 F |
| 10-25 | 43,90 G | |

### 32102 P. (suite).

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | I. | |
| | 22h 18m | 86°23′ |
| 38 8-15 | 43s,79 G | |
| 12-14 | | 40″,9 F |
| 39 8-20 | 43,80 G | |
| 8-21 | 43,97 G | |
| 8-23 | 43,86 G | |
| 9-13 | 43,85 G | 42,3 F |
| 40 9-16 | 44,02 G | |
| 9-20 | 43,72 G | |
| 11- 6 | | 43,0 F |
| 41 9-10 | 44,01 G | |
| 9-11 | 44,05 G | 40,8 F |
| 9-13 | 43,98 G | |
| 10-15 | 43,75 G | |
| 46 9-22 | 44,07 G | |
| 11-13 | | 43,1 G |
| 50 8-31 | 44,07 G | 41,2 G |
| 9-18 | 44,02 G | |
| | II. | |
| | 22h 19m | 86°19′ |
| 55 10-21 | | 11″,2 G |
| 56 8- 9 | 29s,73 G | |
| 10-26 | 29,68 G | |
| 58 9-13 | 29,62 G | 9,0 G |
| | III. | |
| | 22h 20m | 86°14′ |
| 69 10- 7 | | 36″,4 G |

### 32103 P. — 43813 L.

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 19m | 79°8′ |
| 57 9- 6 | 31s,63 G | 5″,1 G |
| 58 9- 8 | | 5,5 F |
| | III. | |
| | 22h 20m | 79°3′ |
| 71 9-15[1] | 16s,10 G | 32″,0 G |

[1] Æ augmentée de 1s : correction indiquée comme probable par l'observateur.

### 32104 P. — 43814-15 L.

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 19m | 79°19′ |
| 57 9-13[1] | 31s,83 G | 45″,4 G |
| 58 11- 3 | | 47,6 G |
| 11- 6 | | 47,4 G |
| 59 9-24 | 31,51 G | 47,4 G |
| | III. | |
| | 22h 20m | 79°15′ |
| 79 9-10 | 16s,21 M | 15″,5 M |

[1] 𝒫 diminuée de 5′.

### 32105 P. — 6526 Sf. — 17°.

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | I. | |
| | 22h 18m | 108°2′ |
| 50 8- 4 | 40s,26 G | |

### 32106 P. — 43824-25 L.

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 19m | 62°11′ |
| 58 8- 8 | 38s,21 G | 34″,7 G |
| 11- 1 | 38,07 G | 33,4 G |
| 11- 4 | 38,22 G | |
| | III. | |
| | 22h 20m | 62°7′ |
| 71 9-17 | 19s,87 G | 0″,1 G |
| 10-23 | 19,76 G | 2,4 G |

### 32107 P. — 7686 Cambridge.

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | III | |
| | 22h 20m | 39°53′ |
| 81 11- 4 | 22s,81 G | |

### 32108 P. — 43804 L.

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 19m | 110°9′ |
| 58 8- 5 | | 15″,1 G |
| 10-31 | | 17,1 G |
| 61 9-30 | | 15,6 G |

### 32109 P. — 30962 Mn$_1$.

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 19m | 91°14′ |
| 64 9-17 | 41s,87 M | 58″,7 M |

### 32110 P. — 43834 L.

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 19m | 64°55′ |
| 58 9-15 | 52s,65 G | |
| 9-17 | 52,59 G | |
| 10-16 | 52,74 G | 8″,5 G |
| 59 8-21 | 52,83 G | |
| 11-13 | | 8,0 G |

### 32111 P. — 22161 A. O.

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 20m | 108°18′ |
| 79 9- 1 | 38s,52 M | 28″,5 M |
| 9- 2 | 38,78 M | 29,2 M |
| 9- 3 | 38,81 M | 28,1 M |

### 32112 P. — 43821 L.

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | I. | |
| | 22h 19m | 92°5′ |
| 39 9- 7 | | 42″,8 F |
| 9- 8 | | 44,3 F |
| | II. | |
| | 22h 19m | 92°1′ |
| 55 8-17 | | 13″,9 G |
| 8-22 | 53s,66 G | |
| 10-15 | 53,61 G | 13,4 G |
| 57 8-11 | 53,55 G | 12,2 G |

### 32113 P. — 43811-12 L.

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 19m | 117°7′ |
| 57 8- 7 | 50s,85 G | 48″,9 G |
| 59 10 22 | | 49,1 G |
| 60 9-20 | 50,51 G | 52,6 G |
| 11- 3 | 50,40 G | |

### 32114 P. — 437 W$_2$.

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 20m | 57°55′ |
| 60 11-16 | | 46″,2 G |

### 32115 P. — 43857 L.

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 20m | 38°11′ |
| 81 8-27 | 45s,83 G | 47″,2 G |
| 10- 5 | 45,54 G | 47,0 G |

### 32116 P. — 440 W$_2$.

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 20m | 59°44′ |
| 58 11- 7[1] | 5s,08 G | |

[1] Æ diminuée de 10s : erreur indiquée comme probable par l'observateur. (*Voir* 32131 P.).

### 32117 P. — 43827-28 L.

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 20m | 88°38′ |
| 55 11- 2 | 0s,91 G | 6″,5 G |
| 56 9-26 | 0,96 G | 7,4 G |
| | III. | |
| | 22h 20m | 88°33′ |
| 72 10-15 | 46s,92 G | |
| 74 10- 7 | | 36″,7 G |
| 10-13 | 46,82 G | 35,7 G |

### 32118 P. — 43840 L.

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 20m | 67°53′ |
| 59 10-22 | 5s,83 G | |
| 60 9- 9 | 5,91 G | 54″,0 G |
| 10- 3 | 6,00 G | |
| 10- 9 | 5,87 G | |
| 10-22 | 5,81 G | |
| 61 10-12 | 5,88 G | 53,7 G |
| 10-17 | 5,92 G | 53,4 G |

### 32119 P. — 43822 L.

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 20m | 102°58′ |
| 54 8-29 | 0s,63 G | 58″,5 G |
| 8-30 | 0,63 G | |
| 9- 5 | 0,64 G | |
| 61 8-29 | | 60,1 G |
| 8-31 | 0,64 G | 59,0 G |
| 10-18 | 0,89 G | 60,0 G |
| 10-19 | 0,72 G | 59,7 G |

### 32120 P. — 43841 L.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| II. | 22h20m | 68°50' |
| 58 10- 4 | 6s,32 G | 29",5 G |
| III. | 22h20m | 68°45' |
| 71 10-14 | 49s,22 G | 56",7 G |

### 32121 P. — 43848 L.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| III. | 22h20m | 53°31' |
| 73 10-16 | 52s,16 G | 51",7 G |
| 74 10-16 | 52,34 M | 51,6 M |
| 11- 4 | 52,27 M | 51,3 M |

### 32122 P. — 3771 Gr.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| I. | 22h19m | 36°58' |
| 40 11-28[1] | 44s,92 G | 16",4 F |

[1] Observation de distance polaire faite près du zénith sans indication de la position de l'observateur. On n'a pas tenu compte de la valeur de l'équation personnelle dans le calcul de la distance polaire.

### 32123 P. — 43836-37 L.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| I. | 22h19m | 81°51' |
| 40 10- 6 | | 44",9 F |
| 43 11-29[1] | 26s,58 G | |
| II. | 22h20m | 81°47' |
| 56 9- 4 | 11s,14 G | |
| III. | 22h20m | 81°42' |
| 79 10- 3 | 56s,11 M | 39",5 M |
| 80 9-11 | 56,25 M | 38,4 M |

[1] $\mathcal{A}$ diminuée de 1m.

### 32124 P. — 43838-39 L.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| II. | 22h20m | 79°25' |
| 57 10-13 | 11s,98 G | 43",0 G |
| 58 9-11 | 12,06 G | 43,2 G |

### 32125 P. — 43833 L.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| II. | 22h20m | 102°59' |
| 54 9-10 | | 39",8 G |
| 61 8-31 | 13s,94 G | 42,2 G |
| III. | 22h21m | 102°55' |
| 79 9-26 | 1s,83 J | 10",9 J |
| 81 10-17 | 1,85 M | 11,2 M |
| 10-18 | 1,80 M | 12,7 M |

### 32126 P. — 43829 et 31 L.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| I. | 22h19m | 108°3' |
| 41 10-21 | 26s,43 G | |
| II. | 22h20m | 107°58' |
| 54 8-31 | 15s,17 G | 58",8 G |
| III. | 22h21m | 107°54' |
| 75 10-12 | 3s,85 M | 27",0 M |
| 10-16 | 4,07 M | 27,0 M |

### 32127 P. — 43853 L.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| II. | 22h20m | 53°56' |
| 58 10-17 | | 44",2 G |
| III. | 22h21m | 53°52' |
| 74 11- 6 | 7s,19 M | 10",5 M |
| 81 10- 5 | 7,05 M | 9,6 M |
| 10-31 | 7,15 M | 10,0 M |

### 32128 P. — 449 $W_2$.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| II. | 22h20m | 52°5' |
| 67 9- 4 | 30s,43 G | 16",3 G |

### 32129 P. — 43859 L.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| II. | 22h20m | 53°16' |
| 59 10-27 | | 4",5 G |
| 11-10 | | 3,3 G |
| 60 10- 4 | | 5,1 G |
| 10-25 | 32s,86 G | |
| 11-12 | 32,46 G | |
| 61 10-28 | 32,46 G | 3,9 G |
| 62 9-13 | 32,99 G | 4,0 G |
| 67 10-25 | | 3,1 G |

### 32130 P. — 43863-64 L.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| II. | 22h20m | 44°8' |
| 66 8-29 | 35s,93 G | |
| 67 9-11 | 35,88 M | 58",4 M |
| 11- 2 | 35,87 M | 59,9 M |

### 32131 P. — 43858 L.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| II. | 22h20m | 59°45' |
| 58 8-10[1] | 35s,85 G | 14",7 G |
| 11- 7[2] | 35,86 G | 13,6 G |

[1] $\mathcal{P}$ diminuée de 5'.

[2] $\mathcal{A}$ diminuée de 10s : erreur indiquée comme probable par l'observateur et commise également sur l'étoile 440 $W_2$ qui précède dans la série.

### 32132 P. — 43844 L.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| I. | 22h19m | 96°41' |
| 40 10-10 | 45s,71 G | |
| 10-12 | 45,80 G | |
| 10-13 | 45,63 G | |
| II. | 22h20m | 96°37' |
| 55 8-20 | | 4",9 G |
| 56 8-13 | 32s,79 G | 6,7 G |
| III. | 22h21m | 96°32' |
| 68 10-13 | 19s,87 M | 30",9 M |
| 76 10-14 | 19,92 M | 33,0 M |

### 32133 P. — 22166 A. O.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| II. | 22h20m | 111°5' |
| 61 10-20[1] | | 32",1 G |

[1] $\mathcal{P}$ diminuée de 2' : erreur de transcr.

### 32134 P. — 43860 L.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| II. | 22h20m | 59°58' |
| 57 10- 1 | 40s,75 G | 37",2 G |
| 10-22 | 40,79 G | 37,4 G |

### 32135 P. — 43849-50 L.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| II. | 22h20m | 86°11' |
| 55 10- 9 | 38s,17 G | 20",6 G |
| III. | 22h21m | 86°6' |
| 80 9-10 | 23s,85 M | 48",7 M |

### 32136 P. — 43847 L.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| I. | 22h19m | 96°43' |
| 40 10-10 | 53s,86 G | |
| 10-12 | 54,06 G | |
| 10-13 | 53,91 G | |
| 47 11- 1 | 54,18 G | 36",2 G |
| 11- 1 | | 34,2 F |
| II. | 22h20m | 96°39' |
| 55 12- 3 | | 1",6 G |
| 56 8-13 | 41s,09 G | |
| 57 9-18 | | 3,6 G |
| 10-12 | | 2,6 G |
| III. | 22h21m | 96°34' |
| 74 8-19 | 28s,00 G | 29",4 G |
| 76 10-16 | 28,13 M | 29,4 M |

### 32137 P. — 43845-46 L.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| II. | 22h20m | 102°36' |
| 54 9- 3 | 41s,41 G | 11",8 G |
| 9- 8 | 41,40 G | |
| 9-29 | | 13,3 G |
| 67 9-16 | 41,60 M | 12,7 M |

### 32138 P. — 43851-52 L.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| I. | 22h20m | 86°4' |
| 37 8-18 | 0s,65 G | 44",6 F |
| 8-23 | 0,66 G | |
| 8-24 | 0,61 G | |
| 8-25 | 0,71 G | 44,3 F |
| 8-27 | 0,74 G | 43,8 F |
| 9-11 | 0,79 G | 43,6 F |
| 9-23 | 0,53 G | |
| 10- 3 | 0,66 G | |
| 10- 4 | 0,67 G | |
| 11- 4 | | 45,5 F |
| 11-23 | 0,63 G | |
| 38 8-15 | 0,72 G | |
| 39 8-21 | 0,77 G | |
| 8-23 | 0,67 G | |
| 40 9-16 | 0,76 G | |
| 10- 4 | 0,70 G | |
| 10-31 | 0,66 G | |
| 11- 3 | 0,68 G | |
| 41 8-27 | 0,70 G | |
| 9-10 | 0,62 G | |
| 9-11 | 0,75 G | |
| 42 10- 3 | 0,63 G | 45,3 F |
| 10- 5 | 0,68 G | 45,8 F |
| 10- 6 | 0,68 G | |
| 10- 7 | 0,78 G | |
| 10- 8 | 0,67 G | |
| 10- 9 | 0,71 G | |
| 10-10 | 0,74 G | |
| 10-11 | 0,73 G | |
| 10-28 | 0,78 G | |
| 46 9- 5 | 0,67 G | |
| 9-24[1] | 0,71 G | |
| 9-25 | 0,70 G | |
| 10- 3 | 0,84 G | |
| 50 8- 3 | 0,59 G | |
| 9- 4 | 0,79 G | |
| 52 10-22 | | 49,2 G |
| 12-11 | 0,75 G | |
| II. | 22h20m | 86°0' |
| 56 8- 5 | 45s,97 G | |
| 9- 6 | 46,31 G | |
| 10-25 | | 17",5 G |
| 57 10- 7 | 46,23 G | 17,5 G |
| 11- 4 | 46,17 G | |
| 61 11-19 | 46,31 G | |
| III. | 22h21m | 85°55' |
| 72 10-25 | 31s,74 G | |
| 74 9-17 | 31,91 M | 50",1 M |
| 9-29 | 31,78 M | 49,0 M |
| 10- 3 | 31,80 M | 48,1 M |

[1] $\mathcal{A}$ diminuée de 1m.

### 32139 P. — 43883 L.

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. AR | D |
|---|---|---|
| III. | 22h21m | 38°16' |
| 80 10-25 | 34s,42G | 37",5G |
| 81 9-28 | 34,39G | 36,5G |

### 32140 P. — 43871-72 L.

| Dates | AR | D |
|---|---|---|
| III. | 22h11m | 50°57' |
| 73 10-17 | 36s,37G | 53",9G |
| 74 9-14 | 36,46M | 54,4M |
| 10-8 | 36,59M | 54,4M |
| 10-13 | 36,50M | 54,8M |
| 11-5 | 36,51M | 55,1M |

### 32141 P. — 4428 A + 32°.

| Dates | AR | D |
|---|---|---|
| III. | 22h21m | 57°7' |
| 80 9-5 | 40s,49J | 15",4J |
| 9-11 | 40,27J | 16,5J |
| 81 10-15 | 40,35J | 15,8J |
| 10-18 | 40,43J | 17,6J |

### 32142 P. — 43861 L.

| Dates | AR | D |
|---|---|---|
| II. | 22h20m | 87°57' |
| 56 9-1 | 59s,98G | 27",1G |
| III. | 22h21m | 87°52' |
| 79 8-30 | 45s,74J | 54",4J |

### 32143 P. — 43885 L.

| Dates | AR | D |
|---|---|---|
| III. | 22h21m | 44°50' |
| 80 9-16 | | 44",1M |

### 32144 P. — 462 W2.

| Dates | AR | D |
|---|---|---|
| I. | 22h20m | 61°3' |
| 43 10-5[1] | 29s,57G | 8",0G |

[1] D diminuée de 1' : erreur de réduct.

### 32145 P. — 43867-68 L.

| Dates | AR | D |
|---|---|---|
| III. | 22h21m | 78°23' |
| 74 9-12 | 55s,68G | 18",3G |
| 10-12 | 55,69G | 17,6G |
| 10-27 | | 17,1G |

### 32146 P. — 4713 A + 30°.

| Dates | AR | D |
|---|---|---|
| III. | 22h21m | 58°57' |
| 69 10-12 | 56s,18M | 52",6M |
| 80 9-13 | 56,14M | 52,3M |
| 9-29[1] | 56,36M | 51,2M |

[1] D diminuée de 6",7 : erreur de moy.

### 32147 P. — 43854 à 56 L.

| Dates | AR | D |
|---|---|---|
| II. | 22h21m | 112°47' |
| 55 9-24 | 6s,50G | |
| 58 10-30 | | 3",8G |
| 11-10 | | 3,0F |
| 59 10-17 | | 4,0G |
| III. | 22h21m | 112°42' |
| 79 9-25 | 56s,25J | 29",8J |

### 32148 P. — 43881 L.

| Dates | AR | D |
|---|---|---|
| III. | 22h21m | 56°38' |
| 73 10-8 | 57s,77G | 11",8G |
| 80 9-27 | 57,92J | 11,4J |
| 9-28 | 57,71J | 11,9J |

### 32149 P. — 43886-87 L.

| Dates | AR | D |
|---|---|---|
| II. | 22h21m | 50°54' |
| 66 9-26 | 18s,70G | |
| III. | 22h21m | 50°49' |
| 78 10-12 | 57s,86M | 35",7M |
| 10-15 | 57,99M | 35,8M |
| 10-17 | 57,85M | 34,1M |

### 32150 P. — 445 W1.

| Dates | AR | D |
|---|---|---|
| III. | 22h21m | 77°38' |
| 71 9-9 | 59s,30G | |
| 9-14 | 59,26G | |
| 79 9-25 | 58,85G | 37",7M |
| 80 8-30 | 59,01M | 41,8M |
| 9-2 | 59,09M | 40,0M |

### 32151 P. — 43882 et 84 L.

| Dates | AR | D |
|---|---|---|
| II. | 22h21m | 58°52' |
| 59 11-23 | | 26",8G |
| III. | 22h22m | 58°47' |
| 74 10-31 | 2s,95M | 51",3M |
| 80 9-29 | 2,72J | 51,3J |
| 9-30 | 2,92J | 52,0J |
| 81 10-17 | | 52,7J |

### 32152 P. — 43894 L.

| Dates | AR | D |
|---|---|---|
| II. | 22h21m | 48°41' |
| 67 11-8 | 27s,73M | 54",6M |
| III. | 22h22m | 48°37' |
| 72 9-17[1] | 6s,33M | 13",1M |
| 9-26 | 6,47M | |

[1] D non inscrite au Catalogue.

### 32153 P. — 43876 L.

| Dates | AR | D |
|---|---|---|
| II. | 22h21m | 73°26' |
| 56 8-30 | 23s,91G | 56",9G |
| 57 10-3 | 23,83G | 57,3G |
| 58 8-26 | 24,05G | 57,2G |
| 9-12 | | 57,3G |

### 32154 P. — 444 W1.

| Dates | AR | D |
|---|---|---|
| III. | 22h22m | 102°52' |
| 81 10-22 | 8s,21M | 2",9M |

### 32155 P. — 43862 L.

| Dates | AR | D |
|---|---|---|
| I. | 22h20m | 106°56' |
| 45 7-22 | 32s,09G | |
| II. | 22h21m | 106°51' |
| 54 10-31 | | 56",4G |
| 58 10-12 | 20s,71G | |
| III. | 22h22m | 106°47' |
| 75 10-6 | 9s,36M | 21",6M |
| 10-8 | 9,34M | 22,3M |
| 11-2 | 9,33M | 23,2M |

### 32156 P. — 43869-70 L.

| Dates | AR | D |
|---|---|---|
| II. | 22h21m | 102°24' |
| 55 9-9 | | 12",5G |
| 59 10-17 | 25s,82G | |
| 11-14 | | 9,5G |
| III. | 22h22m | 102°19' |
| 78 8-30 | 13s,86M | |
| 10-8 | 13,69M | 35",3M |

### 32157 P. — 43865 L.

| Dates | AR | D |
|---|---|---|
| II. | 22h21m | 111°7' |
| 54 10-28 | | 22",4G |
| 61 10-20[1] | 27s,43G | 23,2G |
| III. | 22h22m | 111°2' |
| 80 9-9 | 16s,60M | 45",7M |

[1] D diminuée de 2' : err. de transcr.

### 32158 P. — 43890 L.

| Dates | AR | D |
|---|---|---|
| II. | 22h21m | 65°50' |
| 58 8-30 | 36s,83G | |
| 9-19 | 37,00G | |
| 59 9-11 | 37,10G | |
| 61 9-2 | 36,81G | |

### 32158 P. (suite).

| Dates | AR | D |
|---|---|---|
| III. | 22h22m | 65°45' |
| 71 10-13 | 19s,21M | 61",6M |
| 74 9-19 | 19,01G | 60,1G |
| 75 8-17 | 19,07G | 58,7G |

### 32159 P. — 43891 L.

| Dates | AR | D |
|---|---|---|
| II. | 22h21m | 65°55' |
| 58 8-30 | 37s,59G | 13",5G |
| 9-10 | 37,73G | 14,9G |
| 9-19 | 37,92G | 15,2G |
| 10-2 | 37,87G | 14,8G |
| 59 9-11 | 38,09G | 14,9G |

### 32160 P. — 43910 L.

| Dates | AR | D |
|---|---|---|
| III. | 22h22m | 37°32' |
| 81 10-17 | 20s,32G | 2",3G |
| 10-31 | | 2,1G |

### 32161 P. — 43893 L.

| Dates | AR | D |
|---|---|---|
| I. | 22h20m | 63°46' |
| 40 8-30 | 57s,20G | 8",4F |
| 8-31 | 57,18G | 8,3F |
| II. | 22h21m | 63°41' |
| 57 12-18 | 39s,14G | 34",8G |
| III. | 22h22m | 63°37' |
| 71 10-14 | 21s,12M | 1",7M |
| 10-16 | 21,04M | 4,0M |
| 11-20 | 20,74G | |

### 32162 P. — 43878-79 L. (1re).

| Dates | AR | D |
|---|---|---|
| I. | 22h20m | 90°48' |
| 41 9-9 | 50s,70G | |
| 42 10-19 | 50,91G | |
| 43 8-11 | 50,82G | |
| 8-12 | | 37",9G |
| 46 9-12 | 50,87G | |
| 9-13 | 51,02G | |
| 9-14 | 50,76G | |
| 9-15 | 50,83G | |
| 9-30 | | 37,7G |
| 10-18 | 50,89G | |
| 10-19 | 50,81G | |
| II. | 22h21m | 90°44' |
| 57 8-10 | 37s,05G | |
| 8-16 | 37,23G | |
| 8-20 | 37,03G | |
| 9-14 | | 3",9G |
| 64 8-18 | 37,39M | 3,1M |
| 65 9-13 | 37,41M | 4,0M |
| 9-14 | 37,43M | 3,9M |

Dates 1800 + — Positions moyennes pour les époques du Catal.

### 32163 P. — 43878-79 L. (centre).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 22h20m | 90°48' |
| 37 | 8-29 | 50s,80 G | |
| | 9-27 | 50,83 G | |
| | 9-28 | 50,87 G | |
| | 9-29[1] | 50,87 G | |
| | 10- 4[1-2] | | 37",4 F |
| 38 | 9- 6[1] | 50,78 G | |
| | 12-13[1] | | 40,7 F |
| 39 | 10-25[1] | 50,86 G | |
| 41 | 10-12[1] | 50,81 G | |
| 43 | 7-31[1] | 50,90 G | |
| | 8-11[1] | | 37,7 G |
| | 8-11[1] | | 39,0 F |
| | 8-12 | 50,95 G | |
| | 8-12 | | 40,4 F |
| | 8-14 | 50,72 G | 39,9 G |
| 45 | 7-20 | 50,96 G | |
| 46 | 10-10 | 50,96 G | |
| 50 | 9- 5 | 51,14 G | |
| 52 | 12-18[1] | 51,00 G | |
| | II. | 22h21m | 90°44' |
| 59 | 11-18 | 37s,41 G | |
| | III. | 22h22m | 90°39' |
| 68 | 10-10 | 23s,57 M | 32",5 M |
| 76 | 8-25 | 23,64 G | 34,9 G |
| | 10- 7 | | 34,1 G |
| | 10-14 | | 34,0 G |

[1] Pas d'indication relative a la composante observée.
[2] 𝒫 diminuée de 5'.

### 32164 P. — 43878-79 L. (2e).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 22h20m | 90°48' |
| 37 | 8-29[1] | | 45",0 F |
| | 10-12 | 50s,91 G | |
| 41 | 10-15 | 50,96 G | |
| | 10-18 | 51,09 G | |
| 42 | 10-20 | 51,01 G | |
| 50 | 9- 9 | | 40,5 G |
| 53 | 10- 8 | 51,00 G | |
| | II. | 22h21m | 90°44' |
| 55 | 8-16 | | 8",1 G |
| 56 | 10-28 | 37s,32 G | |
| 57 | 11-15 | 37,23 G | 8,0 G |
| 58 | 9- 9 | | 9,5 F |
| | III. | 22h22m | |
| 76 | 10- 7 | 23s,86 G | |
| | 10-14 | 23,74 G | |

[1] Pas d'indication relative à la composante observée.

### 32165 P. — 43866 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h21m | 117°52' |
| 58 | 8-28 | 33s,93 G | 18",4 G |

### 32165 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 22h22m | 117°47' |
| 80 | 9-30 | 24s,61 M | 43",9 M |

### 32166 P. — 43873-74 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h21m | 100°38' |
| 54 | 9-19[1] | 38s,62 G | 59",0 G |
| | III. | 22h22m | 100°34' |
| 79 | 9-18 | 26s,27 J | 25",8 J |

[1] 𝒜 diminuée de 1m : erreur de transcr.

### 32167 P. — 43895 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h21m | 69°19' |
| 58 | 11-10 | 45s,27 G | 8",8 G |
| 59 | 9-23 | 45,57 G | |
| | III. | 22h22m | 69°14' |
| 79 | 9- 8 | 28s,42 M | 36",2 M |

### 32168 P. — 43875 et 77 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h21m | 100°27' |
| 54 | 9-16 | 40s,68 G | |
| 55 | 9-16 | | 6",4 G |
| 58 | 9- 9 | 40,84 G | |
| | 10- 8 | | 7,3 G |
| | 11- 6 | | 6,0 G |
| 67 | 9-19 | 40,93 M | 7,1 M |
| | 9-27 | 40,88 M | 7,3 M |
| | III. | 22h22m | 100°22' |
| 78 | 11- 3 | 28s,59 M | 34",8 M |

### 32169 P. — 453 W$_1$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h21m | 77°20' |
| 57 | 9-20 | 49s,65 G | 39",6 G |

### 32170 P. — 44011 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 22h22m | 12°32' |
| 53 | 8- 9 | 20s,35 G | |

### 32171 P. — 43888-89 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h21m | 100°22' |
| 54 | 9-26 | 54s,93 G | |
| 58 | 8-15 | | 36",9 G |
| | 9- 9 | 55,00 G | 37,5 G |

### 32172 P. — 43914-15 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h22m | 46°35' |
| 67 | 10- 3 | 5s,44 M | 36",1 M |
| | 11- 6 | 5,18 M | 37,5 M |
| | III. | 22h22m | 46°31' |
| 68 | 11- 6 | 43s,53 M | 1",7 M |

### 32173 P. — 4367 A — 0°.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h21m | 90°50' |
| 57 | 8-30 | 57s,73 G | |

### 32174 P. — 43897 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h22m | 73°34' |
| 56 | 8-14 | 1s,13 G | 53",4 G |
| 58 | 9- 8 | | 57,4 F |
| | 10- 1 | 0,87 G | 54,4 G |

### 32175 P. — 43880 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h21m | 117°49' |
| 55 | 8-17 | 55s,55 G | |
| 58 | 8- 5 | | 16",1 G |
| | 8-28 | 55,63 G | |
| 59 | 10-22 | | 17,9 G |

### 32176 P. — 43908 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h22m | 63°59' |
| 58 | 8-31 | 9s,95 G | |
| | 9-18 | | 17",1 G |
| | 11-12 | 9,96 G | 18,0 G |
| 59 | 11-13 | | 16,9 G |

### 32177 P. — 454 W$_1$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 22h21m | 97°50' |
| 52 | 8-25 | 17s,94 G | |

### 32178 P. — 43935 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 22h22m | 37°40' |
| 81 | 10- 1 | 53s,15 G | 8",6 G |
| | 10-19 | 53,20 G | 5,5 G |

### 32179 P. — 43932 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 22h22m | 39°3' |
| 80 | 9-14 | 53s,23 G | 41",6 G |
| | 9-30 | 53,27 G | 41,4 G |

### 32180 P. — 43902-03 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 22h21m | 81°39' |
| 40 | 10- 6 | | 38",4 F |
| 48 | 12-10 | 23s,86 G | |
| 50 | 8-10 | | 37,1 G |
| | 9-11 | | 38,2 F |
| | II. | 22h22m | 81°35' |
| 55 | 9-28 | 8s,74 G | 3",4 G |
| | 11-26 | | 2,7 G |
| 57 | 10- 2 | 8,68 G | 3,5 G |
| 63 | 8- 1[1] | 8,68 M | 6,7 M |

[1] 𝒜 diminuée de 1s : correction indiquée comme probable par l'observateur.

### 32181 P. — 489 W$_2$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h22m | 53°15' |
| 60 | 10-25 | 14s,18 G | |
| 61 | 10-28 | | 36",5 G |

### 32182 P. — 2993 Br.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 22h24m | 4°40' |
| 51 | 9-17 | | 31",1 G |
| 52 | 11-19 | | 30,9 G |
| | 11-19 | | 31,2 F |
| | 11-20 | | 30,3 G |
| | 11-20 | | 30,6 F |
| | 11-25 | | 31,3 G |
| | 11-25 | | 30,9 F |
| | 11-27 | | 30,6 G |
| | 11-27 | | 31,5 F |
| | 11-27 I | | 29,3 G |
| | 11-27 I | | 30,4 F |
| | 12- 8 I | | 29,9 G |
| | 12- 8 I | | 31,0 F |
| | 12-10 | | 30,0 F |
| | 12-10 I | | 30,0 G |
| | 12-10 I | | 30,5 F |
| | 12-11 | | 27,6 G |
| | 12-11 I | | 29,4 G |
| | 12-11 I | | 30,6 F |
| | 12-13 I | | 32,6 F |
| 53 | 2-25 I | 47s,31 G | |
| | 10-13 | 50,10 G | |
| | 10-22 | 46,81 G | |
| | 10-25 | 46,86 G | |
| | 10-27 | 47,74 G | |
| | 11- 4 | 47,45 G | |
| | II. | 22h23m | 4°35' |
| 63 | 4-23 I | 52,70 G | |
| | 9-15 | 54,05 G | |
| | 10-16 | 53,80 G | |
| 64 | 4-14 I | 54,31 G | |
| | 4-19 I | 53,74 G | |
| | 4-20 I | 54,10 G | |
| | 8-29 | 55,24 G | |
| | 9- 9 | 55,02 G | |
| | 9-12 | 54,30 G | |
| | 9-26 | 54,83 G | |
| | 9-30 | 53,95 G | |
| 65 | 10- 6 | 53,70 G | |

Columns: Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜., 𝒫.)

### 32182 P. (suite).

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 22h22m | 4°31' |
| 69 | 4-51 | 57s,71 G | |
| | 4-22 I | 56,46 G | |
| 73 | 3-24 I | 57,32 G | 20",8 G |
| | 3-27 I | | 20,7 G |
| 78 | 9-4 | | 17,1 J |
| | 9-5 | | 18,6 J |
| | 9-6 | | 21,6 J |
| | 9-9 | | 20,6 J |
| | 9-10 | | 19,6 J |
| | 9-11 | | 19,1 J |
| | 9-12 | | 20,1 J |
| | 10-2 | 57,87 J | 20,3 J |
| | 10-12 | | 22,5 J |
| | 10-15 | | 20,9 J |
| | 10-16 | | 21,1 J |
| | 10-25 | 57,92 M | |
| | 10-26 | 57,39 J | 17,8 J |
| 79 | 3-26 I | | 19,5 J |
| | 8-30[1] | | 21,1 G |
| | 9-10 | | 20,0 G |
| 80 | 3-24 I | | 20,4 J |
| | 3-25 I | 57,75 M | 20,6 M |
| 81 | 3-14 I[2] | | 21,9 M |
| | 3-14 I | 57,35 G | 19,7 G |
| | 3-15 I | 57,33 G | 21,4 G |
| | 3-18 I | 58,68 G | 21,0 G |
| | 3-27 I | 58,34 G | 19,4 G |
| | 3-30 I | 58,14 G | 20,0 G |
| | 4-12 I | | 20,1 M |
| | 4-12 I | | 19,9 J |
| | 7-13 | | 18,5 J |
| | 9-15 | | 20,9 J |
| | 9-16 | 57,84 G | |
| | 9-19 | 57,91 G | |
| | 10-10 | 58,85 G | 18,4 G |

[1] 𝒫 diminuée de 1'26" : erreur de réduct.
[2] 𝒫 diminuée de 10" : erreur de moy.

### 32183 P. — 43921 L.

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 22h22m | 50°44' |
| 68 | 10-20 | 59s,50 G | |
| | 10-22 | 59,56 G | 16",2 G |
| 74 | 9-24 | 59,65 M | 16,3 M |
| | 10-7 | 59,60 M | 17,6 M |
| 75 | 9-15 | 59,69 M | 15,7 M |

### 32184 P. — 26 Céphée.

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 22h22m | 25°39' |
| 48 | 2-11 I | 6s,37 G | |
| 50 | 9-4 | | 26",0 G |
| 51 | 9-16 | 6s,51 G | |
| | | II. | |
| | | 22h22m | 25°34' |
| 63 | 9-27[1] | | 51",7 G |
| 64 | 10-20 | | 49,4 G |
| | 10-21 | | 48,5 G |
| 65 | 9-18 | | 51,3 G |
| | 9-19 | | 51,5 G |
| | 9-20 | | 51,3 G |

[1] 𝒫 augmentée de 10" : err. de réduct.

### 32185 P. — 43898-99 L.

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 22h22m | 102°25' |
| 54 | 9-20 | 19s,25 G | 43",1 G |
| 55 | 9-16 | | 45,4 G |

### 32186 P. — 43906 L.

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 22h21m | 90°59' |
| 40 | 9-29 | 34s,70 G | |
| | | II. | |
| | | 22h22m | 90°55' |
| 55 | 9-7 | | 7",9 G |
| 57 | 8-22 | 21s,01 G | |
| | 8-30 | 21,12 G | |
| | 11-11 | 21,07 G | |
| 64 | 9-29 | 20,89 M | 9,8 M |
| | | III. | |
| | | 22h23m | 90°50' |
| 76 | 10-16 | 7s,17 G | 35",5 G |
| 77 | 9-4 | 7,18 G | 34,7 G |
| 78 | 9-2 | 7,23 J | 36,1 J |
| | 9-14 | 7,24 M | 36,0 M |

### 32187 P. — 43916 L.

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 22h22m | 69°19' |
| 58 | 11-1 | 25s,00 G | 13",6 G |
| | 11-10 | | 14,2 G |
| | 11-11 | | 14,9 G |
| | | III. | |
| | | 22h23m | 69°14' |
| 71 | 9-17 | 8s,14 G | 40",6 G |
| | 11-14 | 7,86 G | |

### 32188 P. — 43913 L.

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 22h22m | 82°42' |
| 56 | 8-26 | 31s,32 G | 35",1 G |
| | | III. | |
| | | 22h23m | 82°38' |
| 74 | 9-9 | 16s,37 G | 2",7 G |

### 32189 P. — 43926 à 28 L.

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 22h21m | 60°59' |
| 43 | 10-5 | 53s,78 G | 41",8 G |
| | | II. | |
| | | 22h22m | 60°55' |
| 58 | 8-8 | 35s,27 G | 7",7 G |
| 59 | 8-22 | | 9,3 G |

### 32190 P. — 43912 L.

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 22h22m | 85°4' |
| 56 | 10-17 | | 24",8 G |
| | 10-25 | 31s,89 G | |
| | 10-26 | 31,85 G | |
| | | III. | |
| | | 22h23m | 84°59' |
| 79 | 9-10 | 17s,27 M | 50",1 M |

### 32191 P. — 43934 L.

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 22h22m | 56°10' |
| 67 | 10-30 | | 34",7 G |
| | | III. | |
| | | 22h23m | 56°5' |
| 69 | 9-22 | 18s,74 M | 60",5 M |
| 74 | 10-10 | 18,54 G | 59,5 G |
| | 10-13 | 18,53 G | 59,9 G |
| | 10-14 | | 59,1 G |

### 32192 P. — 43925 L.

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 22h21m | 64°1' |
| 40 | 8-30 | 54s,74 G | |
| | 8-31 | 54,78 G | 38",1 G |
| | | II. | |
| | | 22h22m | 63°57' |
| 57 | 11-17 | 36s,78 G | 4",0 G |
| | 12-19 | 36,91 G | 4,4 G |
| 58 | 8-31 | 36,98 G | 4,4 G |
| | 9-25 | 37,01 G | 6,0 G |
| | | III. | |
| | | 22h23m | 63°52' |
| 78 | 10-16 | 18s,74 M | 30",0 M |
| | 10-22 | 18,81 M | 30,8 M |

### 32193 P. — 43930-31 L.

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 22h22m | 61°41' |
| 58 | 9-15 | 38s,11 G | |
| | 10-29 | 38,22 G | 8",5 G |
| 59 | 9-24 | 38,00 G | 7,8 G |
| | | III. | |
| | | 22h23m | 61°36' |
| 71 | 10-14 | 19s,76 G | 33",6 G |

### 32194 P. — 43947 L.

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 22h22m | 42°10' |
| 67 | 11-7 | 42s,61 M | 16",1 M |
| | | III. | |
| | | 22h23m | 42°5' |
| 80 | 10-24 | 19s,76 M | 42",6 M |

### 32195 P. — 43907 L.

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 22h21m | 103°42' |
| 39 | 8-20 | 43s,90 G | |
| | 9-9 | 43,98 G | 23",9 F |
| | 9-10 | | 24,2 F |
| | 9-11 | 43,85 G | 26,7 F |
| | 9-13 | 43,87 G | 20,8 F |
| | 9-18 | 43,63 G | |
| | 9-20 | 43,73 G | |
| | 9-21 | 43,78 G | |
| 40 | 10-30 | 43,96 G | |
| 50 | 8-12 | 43,78 G | |
| | 8-13 | 43,89 G | |
| | 8-14 | 43,91 G | 23,1 G |

### 32196 P. — 43920 L.

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 22h22m | 80°20' |
| 56 | 9-4 | 37s,88 G | |
| | 9-28 | | 41",7 G |
| | | III. | |
| | | 22h23m | 80°16' |
| 80 | 9-3 | 22s,85 M | 6",0 M |
| | 9-10 | 22,92 J | 6,0 J |
| 81 | 8-27 | 22,84 M | 4,0 M |
| | 10-10 | 22,92 M | 6,5 M |

### 32197 P. — 2997 Br.

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 22h25m | 4°33' |
| 53 | 2-25 I | 18s,91 G | |
| | 10-13 | 20,61 G | |
| | 10-22 | 19,33 G | |
| | 10-25 | 19,20 G | |
| | 10-27 | 20,30 G | |
| | 11-4 | 18,75 G | |

### 32198 P. — 43911 L.

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 22h22m | 101°55' |
| 58 | 10-6 | 37s,65 G | 7",6 G |

### 32199 P. — 13481 Cambridge.

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 22h22m | 61°38' |
| 59 | 9-24 | 44s,62 G | |

### 32200 P. — 31055 $Mn_1$.

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 22h22m | 91°22' |
| 58 | 8-12 | 41s,74 G | 50",2 G |

### 32201 P. — 31057 $Mn_1$.

| A. M. J. | | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 22h21m | 98°11' |
| 44 | 10-5 | 53s,92 G | |
| | 10-10 | 53,96 G | |
| | 10-11 | 53,86 G | |
| | 10-15 | 53,90 G | |
| | 10-19 | 54,04 G | |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (Æ. — P.)

### 32202 P. — 43952 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | III. | 22h23m | 42°23' |
| 72 | 9-30 [1] | 28s,70 M | 16",0 M |
| 74 | 9-30 | 28,78 M | 16,2 M |

[1] P diminuée de 2° : erreur de transcr.

### 32203 P. — 43964 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | III. | 22h23m | 37°46' |
| 80 | 10-24 | 32s,40 G | 26",2 G |
| 81 | 10-30 | 32,25 G | 24,1 G |

### 32204 P. — 43917 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | I. | 22h21m | 105°22' |
| 39 | 9- 8 | 58s,60 G | |
| | 11-28 | 58,53 G | |
| 50 | 9- 7 | 58,53 G | |
| | 9- 9 | 58,50 G | |
| | II. | 22h22m | 105°18' |
| 54 | 9-27 | 46s,89 G | 1",7 G |
| | III. | 22h23m | 105°13' |
| 74 | 10-20 | 35s,32 M | 24",1 M |

### 32205 P. — 43929 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | I. | 22h22m | 86°21' |
| 40 | 9-12 | 7s,60 G | |
| | 9-16 | 7,88 G | |
| 41 | 9-10 | 7,78 G | |
| | 9-11 | 7,84 G | |
| | 9-13 | 7,72 G | |
| 46 | 9- 6 | 7,85 G | |
| 50 | 8- 3 | 7,68 G | |
| | 12- 6 | 7,76 G | |
| 52 | 10-30 | 7,97 G | |
| 53 | 8- 9 | | 13",3 F |
| | II. | 22h22m | 86°16' |
| 56 | 8- 7 | 53s,15 G | |
| | 8- 9 | 53,19 G | |
| | 9- 2 | | 41",8 G |
| | 10- 5 | | 41,3 G |
| 57 | 8- 6 | 53,09 G | 40,2 G |

### 32206 P. — 43918-19 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | I. | 22h22m | 107°8' |
| 45 | 7-22 | 4s,86 G | |
| | II. | 22h22m | 107°3' |
| 54 | 9-29 | 53s,58 G | |
| 59 | 11-11 | 53,41 G | 48",0 G |
| | III. | 22h23m | 106°59' |
| 78 | 10- 4 | 42s,22 M | 15",3 M |

### 32207 P. — 43933 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | I. | 22h22m | 90°39' |
| 41 | 10-19 | 13s,29 G | |
| | 10-20 | 13,26 G | |
| | 10-21 [1] | 13,40 G | 9",7 F |
| 42 | 10-20 | 13,52 G | |
| | II. | 22h22m | 90°34' |
| 55 | 9- 8 | | 36",5 G |
| 56 | 10-27 | 59s,33 G | |
| 57 | 10-12 | | 38,0 G |
| 58 | 8-27 | | 38,4 F |
| | III. | 22h23m | 90°30' |
| 79 | 9-26 | 45s,62 J | 3",6 J |

[1] Erreur de 3m dans l'ascension droite approchée inscrite à l'observation de distance polaire.

### 32208 P. — 43950-51 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | II. | 22h23m | 60°43' |
| 58 | 10-16 | 4s,55 G | 33",2 G |
| | 11- 4 | 4,61 G | 33,3 G |

### 32209 P. — 3785 Gr.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | I. | 22h22m | 40°14' |
| 45 | 8- 4 | 41s,25 G | |

### 32210 P. — 4175 Fédorenko.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | I. | 22h24m | 8°51' |
| 47 | 7- 5 | 8s,00 G | 2",0 F |
| | 7- 6 | 7,77 G | 5,3 G |
| | 7- 6 | | 4,8 F |
| | 7- 8 | 7,58 G | 9,3 F |

### 32211 P. — 43960 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | II. | 22h23m | 57°53' |
| 59 | 10-27 | | 12",8 G |
| | 11-10 | | 14,8 G |
| 60 | 10-29 | 14s,50 G | |
| | 11- 3 | 14,76 G | 13,6 G |
| | 11- 5 | 14,68 G | 13,1 G |
| 61 | 9-25 | | 13,2 G |
| 66 | 10- 9 | 14,65 G | 13,2 G |
| 67 | 9- 4 | | 13,5 G |

### 32212 P. — 43924 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | II. | 22h23m | 116°47' |
| 54 | 10-31 | 6s,32 G | |
| 57 | 8- 7 | 6,28 G | 13",2 G |
| 59 | 10-17 | | 15,4 G |
| | 10-22 | | 15,0 G |

### 32213 P. — 43941 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | I. | 22h22m | 91°31' |
| 51 | 9- 6 | 24s,26 G | |
| | II. | 22h23m | 91°27' |
| 57 | 8-20 | 10s,35 G | |
| | III. | 22h23m | 91°22' |
| 68 | 10- 5 | 56s,61 M | 32",8 M |
| 74 | 9-30 | | 34,9 G |
| | 10-12 | 56,81 G | 33,8 G |

### 32214 P. — 43938 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | I. | 22h22m | 95°36' |
| 42 | 10- 3 | 23s,00 G | |
| | 10- 5 | 22,99 G | |
| | 10- 6 | 22,84 G | |
| | 10- 7 | 23,05 G | |
| | 10- 8 | 23,04 G | |
| | 10- 9 | 23,00 G | |
| | 10-10 | 23,05 G | |
| | 10-11 | 23,01 G | |
| | II. | 22h23m | 95°32' |
| 55 | 10- 5 | 9s,96 G | 4",5 G |
| | III. | 22h23m | 95°27' |
| 75 | 10-30 | 56s,79 M | 29",9 M |

### 32215 P. — 476 W1.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | II. | 22h23m | 98°49' |
| 64 | 9-28 | 10s,91 M | 43",0 M |

### 32216 P. — 43936-37 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | II. | 22h23m | 98°49' |
| 55 | 9-15 | | 49",5 G |
| 58 | 9-26 | 10s,99 G | 50,3 G |

### 32217 P. — 43942-43 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | II. | 22h23m | 85°40' |
| 56 | 10-18 | | 19",9 G |
| 57 | 8-21 | 12s,69 G | |
| 60 | 9-11 | 12,85 G | 19,6 G |
| | 9-20 | 12,97 G | 21,1 G |
| 61 | 8-29 | 12,73 G | 19,4 G |
| | 9- 3 | 12,78 G | 19,2 G |
| | 9-26 | 12,74 G | 21,2 G |
| | 10- 2 | 12,92 G | 20,6 G |
| | 10- 3 | 12,88 G | 20,3 G |
| | 10- 4 | 12,83 G | 20,7 G |
| | 10-10 | 12,71 G | 19,2 G |

### 32218 P. — 43967-68 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | II. | 22h23m | 54°46' |
| 59 | 11-20 | | 33",2 G |
| 60 | 9-29 | | 32,5 G |
| 61 | 9-27 | 19s,52 G | 31,5 G |
| 62 | 9-16 | 19,68 G | 31,4 G |
| | III. | 22h23m | 54°41' |
| 68 | 10-10 | 59s,83 G | 57",6 G |
| | 10-13 | 60,00 G | 57,1 G |

### 32219 P. — 43939-40 L.

| A. | M. J. | Æ. | P. |
|---|---|---|---|
| | I. | 22h22m | 101°28' |
| 37 | 8- 6 | 26s,39 G | 8",7 F |
| | 8- 8 | 26,54 G | 5,0 F |
| | 8-10 | 26,36 G | 5,6 F |
| | 8-23 | 26,38 G | |
| | 8-24 | 26,33 G | |
| | 8-25 | 26,46 G | |
| | 8-27 | 26,36 G | |
| | 9- 9 | 26,28 G | |
| | 9-11 | 26,20 G | 8,7 F |
| | 9-13 [1] | 26,35 G | |
| | 10- 3 | 26,43 G | |
| | 10- 4 | 26,36 G | |
| | 11- 6 | 26,44 G | 8,0 F |
| | 11- 7 | 26,47 G | |
| | 11-23 | 26,39 G | |
| 38 | 8-15 | 26,38 G | |
| | 9- 3 [2] | 26,42 G | 8,3 F |
| 39 | 8-23 | 26,37 G | |
| | 9- 7 | | 7,1 F |
| | 9- 8 | | 7,9 F |
| | 9- 9 | | 9,2 F |
| | 9-10 | | 8,8 F |
| | 9-21 | 26,39 G | 7,1 F |
| 40 | 9-10 | 26,40 G | 7,6 F |
| | 11- 3 | 26,18 G | |
| 41 | 8-27 | 26,27 G | |
| 42 | 10-15 | 26,18 G | |
| 46 | 9-22 | 26,41 G | |
| | 10-20 | 26,39 G | |
| 48 | 7-16 | 26,52 G | |
| | 7-17 | | 7,2 G |
| | 7-18 | 26,30 G | |
| | 7-22 | 26,31 G | |
| | 9-11 | 26,28 G | 9,7 G |
| | 9-13 | 26,41 G | 9,8 G |
| | 9-16 | 26,31 G | 9,2 G |
| | 9-18 | 26,45 G | 8,6 G |
| | 9-20 | | 11,4 G |
| | 9-26 | 26,33 G | |
| | 9-28 | 26,43 G | |
| | 10- 5 | 26,39 G | |
| | 10- 8 | 26,42 G | 9,2 G |
| | 11-23 | 26,37 G | |
| | 12- 1 | 26,34 G | |
| | 12- 3 [3] | 26,33 G | 9,9 G |
| 49 | 9-26 | 26,37 G | |
| | 10-17 | 26,36 G | |
| | 10-26 | 26,37 G | |
| | 11-10 | 26,25 G | 9,4 G |
| | 12- 8 | | 10,5 G |
| | 12- 9 | 26,34 G | |
| 50 | 8-23 | 26,32 G | |
| | 9-18 | 26,18 G | 8,6 G |
| | 10-12 | 26,44 G | |
| 51 | 10-13 | 26,27 G | |
| 52 | 8-28 | 26,47 G | |
| | 9-25 | 26,47 G | |

### 32219 P. (suite).

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. Æ. | 𝒫. |
|---|---|---|
| I. | | |
| | $22^h22^m$ | 101°28' |
| 52 10-22 | $26^s,44$ G | |
| 53 8-18[4] | 26,24 G | 8'',5 F |
| 11- 9 | 26,52 G | |
| II. | | |
| | $22^h23^m$ | 101°23' |
| 54 8-25 | $14^s,05$ G | |
| 8-27 | | 34'',5 G |
| 9- 5 | 14,08 G | 33,9 G |
| 9- 6 | 14,06 G | |
| 10- 2 | 14,08 G | |
| 55 10-20 | 14,23 G | |
| 10-21 | | 35,5 G |
| 56 9-12 | 14,12 G | 35,2 G |
| 57 9-30 | 14,15 G | 35,5 G |
| 10- 1 | 14,23 G | 36,5 G |
| 58 8-23 | 14,03 G | 34,8 G |
| 8-24 | 14,11 G | 34,1 G |
| 10-17 | 14,12 G | 35,5 G |
| 66 11-15 | 13,90 M | 34,4 M |
| 67 9-16 | 13,99 M | 34,1 M |
| 9-26 | 14,30 M | 34,5 M |
| III. | | |
| | $22^h24^m$ | 101°19' |
| 71 10-23 | $1^s,79$ G | 2'',8 G |
| 77 11-13 | 1,76 M | |
| 81 9-16 | 1,91 J | 0,8 J |

[1] Æ augmentée de $1^s$.
[2] 𝒫 diminuée de 5'.
[3] 𝒫 augmentée de 6'' : erreur de moy.
[4] 𝒫 augmenté de 30'' : erreur de moy.

### 32220 P. — 4597 A + 24°.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | | |
| | $22^h23^m$ | 65°37' |
| 58 9-19 | $20^s,98$ G | |

### 32221 P. — 5170 A + 20°.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | | |
| | $22^h23^m$ | 69°17' |
| 59 9-23 | $22^s,05$ G | |

### 32222 P. — 43970-71 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | | |
| | $22^h23^m$ | 54°59' |
| 66 9-10 | $26^s,59$ G | |
| 9-20 | 26,72 G | |
| 9-28 | 26,56 G | |
| 10-16 | | 18'',8 G |
| III. | | |
| | $22^h24^m$ | 54°54' |
| 73 10- 9 | $6^s,80$ G | 44'',5 G |
| 10-16 | 6,80 G | 43,6 G |
| 11- 3 | 6,88 G | |
| 74 10-13 | 6,90 M | 44,1 M |
| 79 8-31 | 6,95 G | 45,7 G |

### 32223 P. — 43965 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | | |
| | $22^h23^m$ | 64°46' |
| 58 9-24 | $25^s,63$ G | 30'',6 G |
| III. | | |
| | $22^h24^m$ | 64°41' |
| 71 9-18 | $8^s,04$ G | 55'',7 G |

### 32224 P. — 43990 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| III. | | |
| | $22^h24^m$ | 37°52' |
| 81 9-30 | $9^s,94$ G | 11'',0 G |

### 32225 P. — 4707 A + 31°.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | | |
| | $22^h23^m$ | 58°32' |
| 66 9- 1[1] | $29^s,93$ G | |
| III. | | |
| | $22^h24^m$ | 58°27' |
| 68 10- 7[2] | $10^s,90$ G | |
| 10- 8[2] | 10,91 G | |

[1] Indiquée à tort comme 43979 L. (dist. des fils).
[2] Erreur de 1° dans la déclin. approchée inscrite (dist. des fils).

### 32226 P. — 43957-58 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | | |
| | $22^h22^m$ | 80°6' |
| 40 10-10 | $44^s,13$ G | |
| 10-12 | 43,97 G | |
| 10-13 | 44,06 G | |
| II. | | |
| | $22^h23^m$ | 80°2' |
| 57 10-24 | | 18'',8 G |
| III. | | |
| | $22^h24^m$ | 79°57' |
| 79 9- 2 | $13^s,47$ M | 43'',9 M |
| 80 9-11 | 13,38 M | 43,3 M |
| 81 10-18 | 13,34 M | 44,6 M |

### 32227 P. — 43953 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | | |
| | $22^h23^m$ | 88°51' |
| 57 8-13 | $28^s,75$ G | |
| III. | | |
| | $22^h24^m$ | 88°47' |
| 79 9-16 | $14^s,65$ J | 1'',8 J |
| 80 8-26 | 14,75 M | |

### 32228 P. — 43963 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | | |
| | $22^h23^m$ | 78°17' |
| 56 9-14 | $30^s,92$ G | 41'',2 G |
| 57 9- 6 | 31,00 G | 42,1 G |
| 10-13 | 30,88 G | 41,6 G |
| 10-20 | | 41,9 G |

### 32229 P. — 43946 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | | |
| | $22^h23^m$ | 105°16' |
| 54 8-26 | $27^s,14$ G | 56'',6 G |
| 58 9-13 | | 57,1 G |
| 59 10-16 | 27,20 G | |

### 32230 P. — 43948-49 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | | |
| | $22^h22^m$ | 101°25' |
| 40 11- 3[1] | $40^s,08$ G | |
| II. | | |
| | $22^h23^m$ | 101°20' |
| 54 8-28 | $27^s,62$ G | 32'',0 G |
| 9- 2 | 27,73 G | 32,5 G |
| 58 10-17 | 27,94 G | |
| III. | | |
| | $22^h24^m$ | 101°15' |
| 81 9-30 | $15^s,70$ J | 56'',6 J |

[1] Erreur de 10° dans la décl. approchée indiquée. Le registre porte ★ $h = 29°45'$. Æ diminuée de $1^m$. Observée avec 43939 L. et 43954 L.

### 32231 P. — 43969 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | | |
| | $22^h23^m$ | 68°15' |
| 58 8-10 | $34^s,04$ G | |
| 8-30[1] | 34,25 G | |
| 59 10-22 | 34,02 G | |
| III. | | |
| | $22^h24^m$ | 68°10' |
| 79 9- 8 | $16^s,80$ G | 19'',8 G |

[1] Æ diminuée de $1^m$.

### 32232 P. — 43975 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | | |
| | $22^h22^m$ | 58°13' |
| 49 9-21 | $56^s,81$ G | |
| 53 8-24 | 56,77 G | |
| II. | | |
| | $22^h23^m$ | 58°8' |
| 67 9- 4 | $37^s,85$ G | |
| III. | | |
| | $22^h24^m$ | 58°3' |
| 69 10- 9 | $18^s,66$ M | 59'',1 M |
| 74 9-29 | 18,73 M | 58,9 M |
| 10-12 | 18,70 M | 58,0 M |
| 75 9- 6 | 18,77 M | 59,1 M |

### 32233 P. — 43991-92 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | | |
| | $22^h23^m$ | 43°5' |
| 48 11-20 | | 5'',9 G |

### 32233 P. (suite).

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | | |
| | $22^h23^m$ | 43°0' |
| 62 9- 5 | $42^s,20$ G | |
| 9-11 | 42,05 G | |
| 10-16 | 41,84 G | 32'',1 G |
| 63 8- 7 | 42,00 G | |
| 8-14 | 41,96 G | |
| 9- 1 | 42,01 M | |
| 9-18 | 42,07 G | |
| 9-19 | 41,96 G | |
| 9-27 | 41,85 G | |
| 10- 9 | 42,01 G | |
| 64 8-16 | 41,99 G | |
| 9- 5 | 42,02 G | |
| 9-11 | 42,11 G | |
| 9-23 | 42,03 G | |
| 9-29 | 41,93 G | |
| 10-17 | 42,03 G | |
| 10-24 | 42,09 G | |
| 65 9- 2 | 41,96 G | |
| 9- 5 | 42,01 G | |
| 9- 6 | 42,01 G | |
| 9- 7 | 42,12 G | |
| 9- 8 | 42,19 G | |
| 9-12 | 42,05 G | |
| 9-13 | 41,94 G | |
| 9-22 | | 31,7 G |
| 9-23 | | 30,8 G |
| 9-25 | | 30,9 G |
| 9-26 | | 30,4 G |
| 10-23 | 41,95 G | |
| III. | | |
| | $22^h24^m$ | 42°55' |
| 68 10-28 | $19^s,25$ M | 56'',5 M |
| 72 8-28 | 19,16 G | |
| 74 10- 7 | | 56,7 G |
| 10- 8 | | 57,8 G |
| 80 9- 6 | 19,21 M | 58,8 M |

### 32234 P. — 43955-56 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | | |
| | $22^h23^m$ | 88°52' |
| 57 8-13 | $34^s,06$ G | |
| III. | | |
| | $22^h24^m$ | 88°47' |
| 80 9- 1 | $19^s,99$ M | 41'',7 M |
| 9-20 | 19,98 M | 43,5 M |

### 32235 P. — 43961-62 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | | |
| | $22^h22^m$ | 86°27' |
| 41 9-28 | $49^s,76$ G | |
| II. | | |
| | $22^h23^m$ | 86°22' |
| 56 8-29 | | 60'',3 G |
| 9- 1 | $35^s,24$ G | |
| 9- 6 | | 59,8 G |
| 9-23 | 35,30 G | 60,4 G |
| 9-26 | | 60,0 G |

### 32236 P. — 43993-94 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| III. | | |
| | $22^h24^m$ | 42°52' |
| 80 9-10 | $20^s,52$ G | 30'',6 G |
| 9-29 | 20,95 G | 32,2 G |

Dates 1800+ — Positions moyennes pour les époques du Catal.

**32237 P. — 43988 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 22h 24m | 45°37′ |
| 80 9-20 | 20s,78 G | 0″,6 G |
| 9-26 | 21,00 G | 0,8 G |

**32238 P. — 43944-45 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h 23m | 113°42′ |
| 58 10-30 | | 45″,0 G |
| 11-10 | | 44,2 F |
| III. | 22h 24m | 113°38′ |
| 80 9-26 | 21s,05 M | 7″,9 M |
| 81 9-28 | 21,05 M | 11,0 M |
| 9-30 | 21,12 M | 10,9 M |

**32239 P. — 43979-80 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 22h 24m | 59°25′ |
| 73 10- 8 | 23s,76 G | 23″,6 G |
| 74 9-12 | 23,64 M | 24,6 M |
| 10-16 | 23,78 M | 25,0 M |
| 11- 4 | 23,81 M | 25,2 M |
| 79 9-18[1] | 23,70 G | 24,9 G |
| 9-26[1-2] | 23,83 G | 24,0 G |
| 80 10- 1 | 23,62 M | 24,6 M |
| 81 9-13 | 23,69 M | 24,4 M |

[1] 𝒫 diminuée de 5′.

[2] 𝒜 dim. de 2s : l'observateur a augmenté le passage de 1s, tandis qu'il eût fallu le diminuer de 1s.

**32240 P. — 17 β Poisson austr.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 22h 22m | 123°8′ |
| 50 8-30 | | 17″,9 G |

**32241 P. — 43972-73 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h 23m | 74°41′ |
| 56 10-13 | 41s,81 G | |
| 58 9-11 | | 51″,4 F |
| 11-22 | 41,74 G | 51,4 G |
| III. | 22h 24m | 74°37′ |
| 81 9-18 | 25s,74 J | 18″,1 J |
| 9-19 | 25,64 J | 19,6 J |
| 10-10 | 25,62 J | 18,4 J |
| 10-18 | 25,49 J | 20,4 J |

**32242 P. — 3789 Gr.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 22h 23m | 36°32′ |
| 40 11-27[1] | 18s,62 G | 47″,4 G |

[1] Observation faite près du zénith sans indication de la position de l'observateur. On n'a pas tenu compte de la valeur de l'équation personnelle dans le calcul de la distance polaire.

**32243 P. — 43954 et 59 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 22h 22m | 101°23′ |
| 40 11- 3[1] | 53s,35 G | |
| II. | 22h 23m | 101°19′ |
| 54 9- 4 | 40s,95 G | 18″,8 G |
| III. | 22h 24m | 101°14′ |
| 80 9-24 | 28s,74 M | 44″,7 M |
| 81 9-28 | 28,82 J | 45,9 J |
| 10-19 | 28,84 J | 46,0 J |

[1] Erreur de 10° dans la déclinaison approchée indiquée. Le registre porte ★ $h = 29°47'$. 𝒜 dim. de 1m (*voir* 43948 L.).

**32244 P. — 43966 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h 23m | 91°10′ |
| 57 8-11 | | 44″,7 G |
| 9-18 | | 47,4 G |
| 58 9-28 | 42s,83 G | 45,3 G |
| 64 9-17 | 42,88 M | 46,3 M |
| 65 9-14 | 42,99 M | 45,5 M |

**32245 P. — 2972 Br.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 22h 23m | 32°23′ |
| 50 9- 7 | | 16″,3 G |

**32246 P.**

**27 δ¹ Céphée.**

Étoile fondamentale.

**32247 P. — 518 $W_2$.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h 23m | 68°10′ |
| 59 10-22[1] | 51s,29 G | |

[1] 𝒜 dim. de 0s,20 : err. de 1s sur un fil.

**32248 P. — 43977 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h 23m | 72°34′ |
| 60 10- 3 | 51s,19 G | |
| 61 10-12 | 51,04 G | |
| 10-19 | 51,35 G | |
| 62 10- 8 | | 39″,8 G |
| III. | 22h 24m | 72°30′ |
| 80 9-27 | 34s,83 M | 4″,4 M |

**32249 P. — 43986-87 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h 23m | 62°16′ |
| 57 10-22 | 55s,10 G | 20″,8 G |
| 59 8-21 | 54,95 G | 20,2 G |

**32250 P. — 43982 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 22h 24m | 72°39′ |
| 81 10- 4 | 38s,90 J | 57″,4 J |
| 10-15 | 38,56 J | 58,9 J |

**32251 P. — 7792 Albany.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h 23m | 86°22′ |
| 56 10-21 | | 52″,4 G |

**32252 P. — 43976 et 78 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h 23m | 82°17′ |
| 56 8- 5 | 57s,24 G | |
| 58 8-27 | 57,18 G | 20″,3 G |
| III. | 22h 24m | 82°12′ |
| 72 10-25 | 42s,20 G | |
| 74 10- 3 | 42,33 M | 45″,8 M |
| 10- 8 | 42,37 M | 45,1 M |
| 75 10-16 | 42,49 M | 45,2 M |

**32253 P. — 43974 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h 23m | 97°16′ |
| 55 8-17 | | 4″,8 G |
| 57 7-12 | 57s,51 G | |
| 8-10 | 57,51 G | |
| 58 9-13 | | 3,4 F |
| III. | 22h 24m | 97°11′ |
| 76 10-14 | 44s,85 M | 33″,0 M |
| 10-16 | 44,86 M | 31,3 M |

**32254 P. — 43999 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h 24m | 49°44′ |
| 59 11-23 | | 59″,2 G |
| III. | 22h 24m | 49°40′ |
| 69 9-23 | 45s,46 M | 24″,3 M |
| 74 9-19 | 45,44 G | 23,2 G |

**32255 P. — 44000 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h 24m | 47°51′ |
| 67 10- 2 | 6s,90 M | 17″,3 M |
| III. | 22h 24m | 47°46′ |
| 79 9-25 | 45s,60 G | 43″,3 G |
| 81 10- 1 | 45,62 M | 42,3 M |
| 10- 4 | 45,57 M | 41,4 M |

**32256 P. — 44003 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 22h 24m | 45°25′ |
| 68 10-20 | 46s,83 M | 44″,9 M |
| 81 10- 5 | 46,69 M | 46,1 M |
| 10-17 | 46,91 M | 45,2 M |

**32257 P. — 43981 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 22h 23m | 93°42′ |
| 40 9-29 | 17s,44 G | |
| II. | 22h 24m | 93°37′ |
| 55 8-11 | | 36″,5 G |
| 8-16 | 4s,09 G | |
| 56 8-24 | | 35,2 G |
| III. | 22h 24m | 93°33′ |
| 76 8-25 | 50s,55 G | 2″,7 G |
| 9-20 | 50,59 G | |
| 9-21 | 50,55 G | 2,3 G |

**32258 P. — 44014 et 16 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 22h 24m | 38°13′ |
| 80 9- 9 | | 25″,9 G |
| 10-18 | 53s,37 G | 25,8 G |
| 81 9-13 | 52,97 G | 24,4 G |
| 10- 5 | 53,37 G | 27,1 G |
| 10-18 | 53,41 G | 27,7 G |

**32259 P. — 43996-97 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h 24m | 62°33′ |
| 58 10- 4 | | 59″,9 G |
| III. | 22h 24m | 62°29′ |
| 71 10-13 | 53s,81 M | 24″,9 M |
| 10-14 | 53,95 M | 25,8 M |
| 10-16 | 53,85 M | 26,5 M |

**32260 P. — 43985 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h 24m | 86°27′ |
| 56 9-26 | 8s,89 G | |
| III. | 22h 24m | 86°23′ |
| 80 9-13 | 54s,37 M | 7″,1 M |

**32261 P. — 43989 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 22h 23m | 81°28′ |
| 40 10- 6 | | 22″,0 F |

Dates 1800 + / Positions moyennes pour les époques du Catal.

### 32261 P. (suite).

| A. M. J. | AR | D |
|---|---|---|
| II. | 22h 24m | 81° 23' |
| 55 10-16 | 10s,44 G | |
| 56 10-19 | | 45",6 G |
| III. | 22h 24m | 81° 19' |
| 69 10- 7 | | 11",2 G |
| 80 9-29 | 55s,29 M | 12,0 M |

### 32262 P. — 44015 L.

| A. M. J. | AR | D |
|---|---|---|
| III. | 22h 24m | 41° 16' |
| 80 9- 8 | 58s,28 G | 57",6 G |
| 81 10- 4 | 58,07 G | 58,4 G |

### 32263 P. — 44030-31 L.

| A. M. J. | AR | D |
|---|---|---|
| II. | 22h 24m | 74° 51' |
| 58 9-12 | | 59",1 G |
| III. | 22h 25m | 74° 47' |
| 80 7-24 | 2s,40 G | |
| 9- 2[1] | 2,34 M | 24",9 M |
| 9-30 | 2,42 M | 24,3 M |

[1] AR augmentée de 0s,16 : erreur de 1s sur un fil.

### 32264 P. — 43983-84 L.

| A. M. J. | AR | D |
|---|---|---|
| I. | 22h 23m | 101° 41' |
| 39 8-20 | 28s,03 G | |
| 8-21 | 27,96 G | |
| 8-23 | 27,95 G | |
| 8-24 | 27,98 G | 50",9 F |
| 9-18 | 27,91 G | |
| 40 10- 8 | 27,96 G | |
| 42 10-16 | 27,86 G | |
| 50 8- 4 | 27,74 G | 52,5 G |
| 52 12-11 | 28,03 G | |
| 12-18 | 28,04 G | |
| II. | 22h 24m | 101° 37' |
| 54 8-31 | 15s,68 G | |
| 58 8-15 | | 17",5 G |
| III. | 22h 25m | 101° 32' |
| 78 11- 3 | 3s,70 M | 43",3 M |

### 32265 P. — 44012-13 L.

| A. M. J. | AR | D |
|---|---|---|
| I. | 22h 23m | 47° 40' |
| 50 9- 4 | 48s,38 G | |
| 52 11- 6 | 48,23 G | 10",5 F |
| II. | 22h 24m | 47° 35' |
| 59 10- 3 | 27s,08 G | 36",5 G |
| 61 11-19 | 27,06 G | |
| 66 8-29 | 26,85 G | |

### 32265 P. (suite).

| A. M. J. | AR | D |
|---|---|---|
| III. | 22h 25m | 47° 30' |
| 81 9-16 | 5s,75 M | 59",7 M |

### 32266 P. — 44005 L.

| A. M. J. | AR | D |
|---|---|---|
| II. | 22h 24m | 66° 44' |
| 58 10- 2 | | 28",4 G |
| 11- 7 | 34s,66 G | |
| 59 9-11 | 34,36 G | 29,5 G |

### 32267 P. — 44001 L.

| A. M. J. | AR | D |
|---|---|---|
| II. | 22h 24m | 81° 29' |
| 55 10- 9 | 32s,44 G | 35",2 G |
| III. | 22h 25m | 81° 25' |
| 79 9- 3 | 17s,39 M | 0",6 M |

### 32268 P. — 44020 L.

| A. M. J. | AR | D |
|---|---|---|
| III. | 22h 25m | 49° 55' |
| 80 10-12 | 23s,34 G | |
| 81 9-28 | 23,46 G | 12",2 G |

### 32269 P. — 43998 L.

| A. M. J. | AR | D |
|---|---|---|
| II. | 22h 24m | 104° 18' |
| 54 9- 3 | 41s,17 G | 47",3 G |
| III. | 22h 25m | 104° 14' |
| 79 8-30 | 29s,34 J | 13",7 J |

### 32270 P. — 44006 L.

| A. M. J. | AR | D |
|---|---|---|
| II. | 22h 24m | 82° 55' |
| 55 10- 8 | 47s,10 G | 34",3 G |
| III. | 22h 25m | 82° 50' |
| 80 9- 9 | 32s,08 M | 59",5 M |

### 32271 P. — 44007-08 L.

| A. M. J. | AR | D |
|---|---|---|
| I. | 22h 24m | 80° 2' |
| 40 10-10 | 3s,32 G | |
| 10-12 | 3,25 G | |
| 10-13 | 3,22 G | |
| II. | 22h 24m | 79° 57' |
| 57 9-29 | 48s,00 G | |
| 10- 2[1] | 47,73 G | 15",8 G |

### 32271 P. (suite).

| A. M. J. | AR | D |
|---|---|---|
| III. | 22h 25m | 79° 52' |
| 81 10- 5 | 32s,43 J | 41",0 J |
| 10-17 | 32,48 J | 41,3 J |
| 10-19 | 32,52 M | 41,5 M |
| 10-31 | 32,34 M | 42,3 M |

[1] D diminuée de 20" : erreur de réduct.

### 32272 P. — 44017 L.

| A. M. J. | AR | D |
|---|---|---|
| II. | 22h 24m | 77° 36' |
| 56 8-14[1] | 54s,63 G | 45",1 G |
| 58 9-11 | 54,60 G | 53,0 G |
| III. | 22h 25m | 77° 32' |
| 71 9- 9 | 39s,34 G | |

[1] D non comprise dans la moyenne.

### 32273 P. — 44009 L.

| A. M. J. | AR | D |
|---|---|---|
| II. | 22h 24m | 94° 46' |
| 56 8- 1 | | 50",3 G |
| 10-28 | 56s,58 G | |
| 57 9-15 | | 50,7 G |
| 10- 3[1] | 56,75 G | 49,4 G |
| III. | 22h 25m | 94° 42' |
| 76 9-22 | 43s,53 G | 13",1 G |
| 10- 7 | 43,45 G | 14,7 G |
| 10-14 | 43,40 G | 14,7 G |

[1] D augmentée de 6" : erreur de réduct.

### 32274 P. — 44129 L.

| A. M. J. | AR | D |
|---|---|---|
| I. | 22h 25m | 12° 0' |
| 50 8-12 | 28s,08 G | |
| 53 2-25 I | 28,42 G | |
| 3-15 I | 28,85 G | |
| 3-28 I | 28,57 G | |
| 4- 2 I | 28,10 G | |
| 4-17 I | 28,82 G | |
| 7-19 | 28,49 G | |
| 7-23 | 28,37 G | |
| 8- 8 | 28,42 G | |
| 8- 9 | 28,52 G | |
| 9-11 | 28,84 G | |

### 32275 P. — 44035 L.

| A. M. J. | AR | D |
|---|---|---|
| III. | 22h 25m | 51° 23' |
| 73 10-17 | 44s,93 G | 43",1 G |
| 74 11- 5 | 45,10 M | 43,6 M |
| 79 10-12 | 45,14 G | |

### 32276 P. — 44026 à 28 L.

| A. M. J. | AR | D |
|---|---|---|
| I. | 22h 24m | 61° 15' |
| 43 10- 5 | 23s,66 G | 0",4 G |

### 32276 P. (suite).

| A. M. J. | AR | D |
|---|---|---|
| II. | 22h 25m | 61° 10' |
| 57 11-17 | 5s,06 G | 25",3 G |
| 12-18 | 5,11 G | 25,9 G |
| 58 9-17 | 5,32 G | 25,4 G |
| 9-25 | 4,86 G | 27,4 G |
| 10-29 | 5,24 G | 27,0 G |
| 11- 1 | 4,99 G | 25,6 G |
| III. | 22h 25m | 61° 5' |
| 71 9-19 | 46s,56 M | 51",7 M |
| 74 9-12 | 46,74 G | 50,6 G |
| 10-27 | | 49,8 G |
| 75 8-17 | 46,62 G | 50,7 G |

### 32277 P. — 44018 L.

| A. M. J. | AR | D |
|---|---|---|
| II. | 22h 25m | 83° 18' |
| 56 8-26 | 2s,47 G | 49",6 G |
| III. | 22h 25m | 83° 14' |
| 81 10-22 | 47s,50 M | 16",5 M |

### 32278 P. — 44042 L.

| A. M. J. | AR | D |
|---|---|---|
| III. | 22h 25m | 45° 29' |
| 80 9-24 | 47s,82 G | 49",4 G |
| 10- 1 | 48,07 G | 49,6 G |

### 32279 P. — 44010 L.

| A. M. J. | AR | D |
|---|---|---|
| I. | 22h 24m | 101° 44' |
| 51 9-30[1] | 14s,16 G | |
| II. | 22h 25m | 101° 39' |
| 54 9- 7 | 1s,93 G | 32",0 G |
| 67 9-27 | 1,86 M | 33,5 M |
| III. | 22h 25m | 101° 34' |
| 78 10- 8 | 49s,65 M | 58",5 M |
| 10-17 | 49,62 M | 57,4 M |

[1] Erreur de 5s dans la déclinaison approchée indiquée (dist. des fils).

### 32280 P. — 44029 L.

| A. M. J. | AR | D |
|---|---|---|
| II. | 22h 25m | 66° 51' |
| 58 11- 7 | 13s,72 G | 14",4 G |
| III. | 22h 25m | 66° 46' |
| 71 9-17 | 56s,47 G | 39",0 G |

Positions moyennes pour les époques du Catal.

### 32281 P. — 44019 L.

| Dates 1800 + A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 22h24m | 97°15' |
| 40 10-30 | 25s,00 G | |
| 10-31[1] | 24,80 G | |
| II. | 22h25m | 97°11' |
| 55 8-20 | | 13",2 G |
| 10-15[2] | 12s,27 G | |
| 57 8-10 | 12,19 G | |
| 8-16 | 12,33 G | |
| 59 11-18 | 12,25 G | |

[1] Erreur de 1° dans la déclinaison indiquée. Le registre porte ✱ h = 37°53'.
[2] 𝒜 diminuée de 1m.

### 32282 P. — 44021-22 L.

| Dates 1800 + A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 22h24m | 88°12' |
| 42 10-20 | 28s,84 G | |
| 10-28 | 29,07 G | |
| II. | 22h25m | 88°7' |
| 55 9-28 | 14s,69 G | 49",5 G |
| III. | 22h26m | 88°3' |
| 74 9-9 | 0s,46 G | 16",1 G |

### 32283 P. — 44032-33 L.

| Dates 1800 + A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h25m | 74°53' |
| 56 8-30 | 18s,73 G | 36",5 G |
| 58 8-26 | 19,04 G | 35,8 G |
| 59 8-29 | 18,84 G | 35,2 G |

### 32284 P. — 44043 L.

| Dates 1800 + A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h25m | 56°3' |
| 59 10-27 | | 10",5 G |
| 11-10 | | 9,5 G |
| 61 10-20[1] | 22s,83 G | 10,1 G |
| 62 9-13 | 22,95 G | 10,1 G |
| 67 10-28 | | 10,3 G |
| III. | 22h26m | 55°58' |
| 81 10-10 | 3s,55 M | 34",1 M |

[1] 𝒜 diminuée de 1m. Indiquée à tort 44055 L. à l'obs. de passage (dist. des fils).

### 32285 P. — 44048 L.

| Dates 1800 + A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 22h26m | 48°25' |
| 81 8-27 | 5s,81 G | 8",1 G |
| 10-22 | 5,58 G | 7,1 G |

### 32286 P. — 44023 L.

| Dates 1800 + A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h25m | 92°14' |
| 55 12-3 | | 1",5 G |
| 56 7-26 | | 2,9 G |
| 8-13 | 19s,41 G | 3,7 G |
| III. | 22h26m | 92°9' |
| 76 10-16 | 6s,04 G | 26",9 G |
| 78 9-2 | 5,72 J | 26,8 J |
| 10-15 | 5,90 J | 26,3 J |

### 32287 P. — 3814 Gr.

| Dates 1800 + A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 22h26m | 10°5' |
| 53 10-20 | 6s,22 G | |
| 10-24 | 6,18 G | |
| 10-26 | 5,91 G | |
| II. | 22h26m | 10°0' |
| 54 1-24 I | 6s,56 G | |

### 32288 P. — 44041 L.

| Dates 1800 + A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h25m | 63°28' |
| 58 11-10 | | 57",0 G |
| 61 8-31 | 26s,09 G | 57,0 G |
| 9-2 | 25,99 G | 57,6 G |
| 10-3 | 26,15 G | 57,5 G |
| 10-5[1] | 26,14 G | 56,4 G |

[1] 𝒜 augmentée de 0s,30. (*Voir* 30909 P.).

### 32289 P. — 44054-55 L.

| Dates 1800 + A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 22h24m | 40°30' |
| 37 1-7[1] | 54s,77 G | 47",0 F |
| 8-18[1] | 54,76 G | 45,6 F |
| 8-29[1-2] | 54,86 G | 42,7 F |
| 9-9[1] | 54,84 G | 43,0 F |
| 9-11[1] | 54,80 G | 44,4 F |
| 9-20 | 54,86 G | |
| 9-23[1] | 54,88 G | 45,7 F |
| 9-27[1] | 54,80 G | 46,3 F |
| 9-28 | 54,92 G | |
| 9-29 | 54,79 G | |
| 10-11[1] | 54,90 G | 44,7 F |
| 38 9-6 | 54,76 G | |
| 12-12[1] | | 45,0 F |
| 12-14[1] | | 45,0 F |
| 39 10-25 | 54,83 G | |
| 40 9-20 | 54,68 G | |
| 10-4[3] | 55,03 G | |
| 41 8-19[1] | | 44,4 F |
| 8-27 | 55,09 G | |
| 10-12 | | 47,1 F |
| 43 7-30[1] | 54,92 G | 44,2 F |
| 7-31 | 54,95 G | |
| 45 8-4 | 55,00 G | |
| 46 9-11[1] | | 46,5 F |
| 9-12 | 54,86 G | |
| 9-13 | 55,09 G | |

### 32289 P. (suite).

| Dates 1800 + A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 22h24m | 40°30' |
| 46 9-14 | 54s,90 G | |
| 9-15 | 54,78 G | |
| 9-22 | 54,96 G | |
| 10-19 | 54,93 G | |
| 10-20 | 54,91 G | |
| 10-21[1] | | 46",3 G |
| 10-22 | 54,87 G | |
| 50 9-5[1] | 55,13 G | 45,4 G |
| 52 8-5[1] | | 46,6 F |
| 8-11[1] | | 45,8 F |
| 8-13 | 54,90 G | 46,8 F |
| 8-15 | | 46,7 F |
| 8-16 | | 46,2 F |
| 8-18[1] | | 47,7 F |
| 53 9-19 | | 48,7 F |
| 9-20 | | 45,5 F |
| 9-24 | | 47,4 F |
| 10-6 | | 47,3 F |
| 10-13 | | 47,1 F |
| II. | 22h25m | 40°26' |
| 64 10-21 | | 11",2 G |
| 65 9-18 | | 10,6 G |
| 9-19 | | 10,3 G |
| 9-20 | | 10,4 G |
| 9-22 | | 10,0 G |
| III. | 22h26m | 40°21' |
| 80 10-30 | 8s,91 G | 35",0 G |
| 81 11-4 | 8,98 G | 35,5 G |

[1] Observations faites près du zénith sans indication de la position de l'observateur. On n'a pas tenu compte de la valeur de l'équation personnelle dans le calcul de la distance polaire.
[2] 𝒫 augmentée de 2'.
[3] Désignée à tort comme β Poisson austral (dist. des fils). — 𝒜 augmentée de 0s,10 : erreur de moy.

### 32290 P. — 44037 L.

| Dates 1800 + A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h25m | 83°18' |
| 56 9-6 | 32s,68 G | |
| III. | 22h26m | 83°13' |
| 80 8-30 | 17s,82 M | 26",8 M |
| 9-10 | 17,97 M | 26,6 M |
| 9-10 | 17,89 J | 26,1 J |

### 32291 P. — 44036 L.

| Dates 1800 + A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h25m | 89°36' |
| 56 8-9 | 31s,94 G | |
| 9-28 | | 53",0 G |
| III. | 22h26m | 89°32' |
| 69 10-1[1] | | 19",1 G |

[1] 𝒫 augmentée de 5'.

### 32292 P. — 44024-25 L.

| Dates 1800 + A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 22h24m | 108°17' |
| 41 10-18 | 41s,35 G | |
| 10-19 | 41,16 G | |
| 10-20 | 41,26 G | |
| 10-21 | 41,35 G | |
| II. | 22h25m | 108°13' |
| 54 9-6 | 29s,61 G | 9",0 G |
| 59 10-17 | 29,59 G | |

### 32293 P. — 44034 L.

| Dates 1800 + A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h25m | 99°59' |
| 54 9-8 | 34s,73 G | 28",5 G |
| 58 9-9 | 34,98 G | |
| III. | 22h26m | 99°54' |
| 78 10-4 | 22s,56 M | 54",4 M |
| 10-12 | 22,63 M | 54,8 M |

### 32294 P. — 44052 L.

| Dates 1800 + A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h25m | 57°20' |
| 59 11-20 | | 32",9 G |
| 60 10-4 | 42s,76 G | 32,5 G |
| 61 10-1 | | 31,3 G |
| III. | 22h26m | 57°15' |
| 68 10-10 | 23s,81 G | 55",6 G |
| 10-13 | 23,92 G | 55,3 G |

### 32295 P. — 44047 L.

| Dates 1800 + A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h25m | 71°5' |
| 57 9-13 | 42s,20 G | 47",7 G |
| 58 8-16 | 41,79 G | |
| III. | 22h26m | 71°1' |
| 79 9-16 | 25s,45 G | 12",2 G |

### 32296 P. — 44040 L.

| Dates 1800 + A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h25m | 87°42' |
| 58 11-4 | | 39",4 G |

### 32297 P. — 44049 L.

| Dates 1800 + A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h25m | 65°10' |
| 58 8-8 | 45s,91 G | |
| 11-12 | 45,57 G | 25",4 G |
| 59 9-24 | 45,59 G | |
| 60 9-20 | 45,83 G | |
| 10-22 | 45,49 G | |

### 32298 P. — 44046 L.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. Æ. | 𝒫. |
|---|---|---|
| I. | $22^h25^m$ | 77°45′ |
| 40 10- 6 | | $9'',0$ F |
| II. | $22^h25^m$ | 77°40′ |
| 56 9- 8 | | $33'',5$ G |
| 58 9- 8 | | 33,6 G |
| 10- 1 | $44^s,19$ G | 29,9 G |

### 32299 P. — 44051 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | $22^h25^m$ | 65°7′ |
| 58 8- 8 | $47^s,05$ G | |
| 59 9-24[1] | 47,19 G | $46'',8$ G |
| 60 9-20 | 47,21 G | 48,1 G |
| 61 10-17 | 47,04 G | 47,4 G |
| III. | $22^h26^m$ | 65°3′ |
| 71 11-14 | $29^s,51$ G | |

[1] Erreur de 10′ dans la déclinaison approchée indiquée à l'observation de passage (distance des fils). Le cahier-minute porte d'ailleurs ★ $h = 66°3'$.

### 32300 P. — 39 Pégase.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | $22^h25^m$ | 70°34′ |
| 39 9- 7 | $6^s,31$ G | $0'',2$ F |
| 9- 8 | 6,20 G | 3,0 F |
| 9- 9 | 6,22 G | 2,4 F |
| 9-11 | 6,18 G | 0,5 F |
| 40 9-10 | 6,28 G | |
| 48 12-10 | 6,29 G | |
| 50 9- 7 | 6,33 G | |
| 9- 9 | 6,27 G | 1,8 G |
| 52 8-23 | | 3,5 F |

### 32301 P. — 44039 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | $22^h25^m$ | 99°55′ |
| 58 9- 9 | $46^s,15$ G | $53'',1$ G |

### 32302 P. — 44056 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | $22^h25^m$ | 63°36′ |
| 58 9-10 | $52^s,62$ G | $15'',0$ G |
| III. | $22^h26^m$ | 63°31′ |
| 71 11-20 | $34^s,62$ G | |
| 74 9-14 | 34,97 M | $39'',8$ M |
| 75 9-15 | 34,90 M | 38,9 M |

### 32303 P. — 44057-58 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | $22^h25^m$ | 50°55′ |
| 59 11-23 | | $11'',1$ G |

### 32303 P. (suite).

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| III. | $22^h26^m$ | 50°50′ |
| 68 10-28 | $36^s,47$ G | $35'',7$ G |
| 74 10-12 | 36,45 G | |
| 10-13 | 36,43 G | 34,2 G |

### 32304 P. — 44038 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | $22^h25^m$ | 108°29′ |
| 54 9- 9 | $48^s,55$ G | |
| 58 9-27 | | $26'',2$ F |
| 10- 8 | | 25,9 G |
| III. | $22^h26^m$ | 108°24′ |
| 78 10-15 | $37^s,31$ M | $51'',8$ M |
| 10-16 | 37,24 M | 50,3 M |

### 32305 P. — 44053 et 63 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | $22^h25^m$ | 74°51′ |
| 56 8- 7 | $56^s,48$ G | |
| 11-14 | | $24'',6$ G |
| 57 9- 6 | 56,39 G | 23,8 G |
| 10-13 | 56,48 G | 24,5 G |
| 58 9-12 | | 24,5 G |
| 10-16 | | 24,0 G |
| 11- 6 | | 24,4 G |
| 60 9- 9 | 56,42 G | 24,8 G |
| 9-11 | 56,38 G | |
| 62 10- 8 | 56,22 G | 24,0 G |
| III. | $22^h26^m$ | 74°46′ |
| 80 7-24 | | $50'',6$ G |
| 9-24 | $40^s,36$ M | 47,0 M |
| 81 10-18 | 40,39 M | 48,6 M |

### 32306 P. — 44044-45 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | $22^h25^m$ | 99°46′ |
| 54 9-21 | $56^s,33$ G | $47'',9$ G |

### 32307 P. — 44050 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | $22^h25^m$ | 91°42′ |
| 40 9-29 | $15^s,03$ G | |
| II. | $22^h26^m$ | 91°37′ |
| 55 10- 5 | $1^s,31$ G | $50'',4$ G |
| 57 9-18 | | 50,3 G |
| III. | $22^h26^m$ | 91°33′ |
| 79 10- 7 | $47^s,58$ J | $14'',1$ J |

### 32308 P. — 44066 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | $22^h25^m$ | 56°33′ |
| 53 7-31 | $32^s,92$ G | $56'',4$ G |
| III. | $22^h26^m$ | 56°24′ |
| 80 9- 5 | $54^s,62$ J | $47'',9$ J |
| 9-11 | 54,55 J | 49,0 J |

### 32309 P. — 44070-71 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | $22^h26^m$ | 50°56′ |
| 61 10-24 | $15^s,51$ G | $21'',5$ G |
| 66 10- 9 | 15,20 G | 19,4 G |
| 67 10-30 | | 20,5 G |
| III. | $22^h26^m$ | 50°51′ |
| 68 10-20 | $54^s,72$ G | $44'',4$ G |
| 10-22 | 54,87 G | 44,1 G |

### 32310 P. — 44076 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | $22^h26^m$ | 47°25′ |
| 67 10- 1 | $19^s,36$ M | $39'',8$ M |
| 10-28 | 19,49 M | 38,5 M |

### 32311 P. — 44061 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | $22^h26^m$ | 65°2′ |
| 57 10- 1 | $17^s,11$ G | $42'',7$ G |
| III. | $22^h26^m$ | 64°58′ |
| 71 9-18 | $59^s,50$ G | $5'',7$ G |

### 32312 P. — 580 W₂.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | $22^h26^m$ | 57°19′ |
| 60 10- 4 | | $1'',0$ G |

### 32313 P. — 44065 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | $22^h25^m$ | 73°0′ |
| 40 9-12 | $40^s,96$ G | |
| 9-16 | 41,13 G | |
| II. | $22^h26^m$ | 72°56′ |
| 58 11-22 | $24^s,90$ G | $5'',8$ G |
| III. | $22^h27^m$ | 72°51′ |
| 79 9-18 | $8^s,66$ G | $30'',2$ G |

### 32314 P. — 44062 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | $22^h26^m$ | 89°31′ |
| 56 8- 9 | $31^s,75$ G | |
| 10-25 | 31,81 G | $38'',2$ G |

### 32315 P. — 44083 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| III. | $22^h27^m$ | 55°12′ |
| 73 10- 9 | $18^s,37$ G | $17'',9$ G |
| 80 9-27 | 18,68 J | 16,4 J |
| 9-29 | 18,56 J | 17,5 J |

### 32316 P. — 44098 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| III. | $22^h27^m$ | 36°36′ |
| 80 10-24 | $21^s,34$ G | $22'',1$ G |
| 81 10- 1 | 21,16 G | 22,7 G |

### 32317 P. — 44081 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| III. | $22^h27^m$ | 59°14′ |
| 80 9-30 | $22^s,69$ J | $10'',2$ J |
| 10-12 | 22,76 J | 11,0 J |
| 81 10-18 | 22,69 J | 11,9 J |

### 32318 P. — 44077 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | $22^h26^m$ | 74°46′ |
| 56 8-15 | $38^s,69$ G | |
| 58 9-27 | 38,73 G | $55'',4$ G |
| 10- 2 | | 56,0 G |
| 60 9-11 | 38,87 G | 56,8 G |

### 32319 P. — 44064 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | $22^h26^m$ | 95°36′ |
| 55 9- 4 | | $19'',0$ G |
| 58 8-27 | | 21,2 F |
| III. | $22^h27^m$ | 95°31′ |
| 76 10-16 | $24^s,26$ M | $45'',4$ M |
| 80 9-26[1] | 23,95 M | 44,7 M |

[1] Æ augm. de $0^s,10$ : erreur de réduct.

### 32320 P. — 44069 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | $22^h25^m$ | 88°56′ |
| 40 10-10 | $52^s,85$ G | |
| 10-12 | 52,83 G | |
| 10-13 | 52,81 G | |
| II. | $22^h26^m$ | 88°51′ |
| 57 8- 6 | $38^s,67$ G | $36'',8$ G |
| 8-13 | 38,85 G | |
| 8-21 | 38,74 G | |
| 8-22 | 38,80 G | |
| 60 11- 3 | 38,83 G | |
| 61 10-10 | 38,78 G | 37,6 G |

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. Æ. | Ꝑ. |
|---|---|---|

### 32321 P. — 44059-60 L.

| A. M. J. | Æ. | Ꝑ. |
|---|---|---|
| II. | 22h 26m | 113° 19' |
| 55 8-11 | 41s,14 G | |
| 8-17 | 41,11 G | |
| 9-19 | | 27",4 G |
| 58 8- 5 | | 26,0 G |
| 8-28 | | 25,6 G |
| 59 10-22 | | 23,6 G |

### 32322 P. — 44067-68 L.

| A. M. J. | Æ. | Ꝑ. |
|---|---|---|
| I. | 22h 25m | 100° 24' |
| 39 9-10 | | 19",6 F |
| 9-13 | 56s,46 G | 18,8 F |
| 11-28 | 56,51 G | |
| 40 10-30 | 56,53 G | |
| 44 10- 5 [1] | 56,52 G | |
| 10- 7 | 56,48 G | |
| 10- 8 | 56,45 G | |
| 10-10 | 56,45 G | |
| 10-11 | 56,46 G | |
| 10-15 | 56,45 G | |
| 10-19 | 56,45 G | |
| 48 10-27 | 56,48 G | |
| 50 9-11 | 56,39 G | |
| 9-25 | 56,58 G | |
| II. | 22h 26m | 100° 19' |
| 54 9-10 | | 43",5 G |
| 9-16 | 43s,85 G | |
| 10-31 | | 45,8 G |
| 58 8-15 | | 43,9 G |
| 10-12 | 43,97 G | |
| 59 11-11 | 43,62 G | 43,9 G |
| III. | 22h 27m | 100° 15' |
| 78 11- 3 | 31s,42 M | 7",7 M |
| 79 10-16 | 31,46 J | 8,9 J |

[1] Erreur de 1° dans la déclin. approchée inscrite. Le Cahier-minute porte ★ $h = 30°\,45'$.

### 32323 P. — 5780 Sf. — 2°.

| A. M. J. | Æ. | Ꝑ. |
|---|---|---|
| II. | 22h 26m | 92° 30' |
| 58 8-12 | 49s,55 G | 22",3 G |
| 8-23 | | 19,9 G |
| 9-26 | 49,72 G | 19,8 G |

### 32324 P. — 44074 et 78.

| A. M. J. | Æ. | Ꝑ. |
|---|---|---|
| I. | 22h 26m | 92° 22' |
| 39 8-20 | 3s,53 G | |
| 8-21 | 3,41 G | |
| 9-11 | | 10",0 F |
| 9-18 | 3,39 G | |
| 9-19 | 3,24 G | |
| 41 9-10 | 3,50 G | |
| 9-11 | 3,54 G | 12,9 F |
| 9-13 | 3,32 G | |
| 49 9-17 | 3,41 G | |
| 9-21 | 3,49 G | 12,3 G |
| 9-23 [1] | 3,62 G | |

### 32324 P. (suite).

| A. M. J. | Æ. | Ꝑ. |
|---|---|---|
| I. | 22h 26m | 92° 22' |
| 50 8-14 | 3s,49 G | |
| 51 10-12 | 3,35 G | |
| 10-13 | 3,42 G | |
| 53 7-19 | | 16",2 G |
| II. | 22h 26m | 92° 17' |
| 54 8-20 | 49s,87 G | |
| 55 8-17 | | 35",7 G |
| 9- 7 | | 35,2 G |
| 9-22 | 49,78 G | |
| 56 10-26 | 49,75 G | |
| 57 8-11 | | 34,5 G |
| 11-11 | 49,94 G | |
| 58 8-23 | 49,64 G | |
| 9-11 | | 34,5 F |
| III. | 22h 27m | 92° 12' |
| 76 9-20 | 36s,22 G | 59",5 G |

[1] Æ diminuée de 3s : erreur de moy.

### 32325 P. — 555 W1.

| A. M. J. | Æ. | Ꝑ. |
|---|---|---|
| II. | 22h 26m | 81° 28' |
| 56 9- 1 | 51s,89 G | |

### 32326 P. — 44101 L.

| A. M. J. | Æ. | Ꝑ. |
|---|---|---|
| II. | 22h 27m | 44° 48' |
| 67 9-11 | 1s,32 M | 34",8 M |
| 11- 8 | 1,50 M | 35,8 M |

### 32327 P. — 44102-03 L.

| A. M. J. | Æ. | Ꝑ. |
|---|---|---|
| III. | 22h 27m | 44° 34' |
| 80 8-19 | 41s,45 G | |
| 9-11 | 41,02 G | 2",1 G |
| 9-28 | 41,15 G | 3,1 G |

### 32328 P. — 44108 L.

| A. M. J. | Æ. | Ꝑ. |
|---|---|---|
| III. | 22h 27m | 41° 15' |
| 81 10- 4 | 42s,29 G | 20",2 G |
| 10-31 | 42,87 G | 20,5 G |

### 32329 P. — 44084 L.

| A. M. J. | Æ. | Ꝑ. |
|---|---|---|
| II. | 22h 26m | 81° 31' |
| 56 9- 1 | 57s,79 G | 13",3 G |
| III. | 22h 27m | 81° 26' |
| 71 9- 4 | 42s,69 M | 35",2 M |

### 32330 P. — 44072 L.

| A. M. J. | Æ. | Ꝑ. |
|---|---|---|
| II. | 22h 26m | 105° 50' |
| 54 9-20 | 56s,88 G | |
| 9-26 | 56,79 G | 22",2 G |
| 55 9-16 | | 21,3 G |
| 57 9- 9 | | 22,9 G |

### 32331 P. — 44079-80 L.

| A. M. J. | Æ. | Ꝑ. |
|---|---|---|
| II. | 22h 26m | 100° 1' |
| 54 9-25 | 58s,40 G | 32",1 G |
| 11- 9 | 58,29 G | |
| 58 9-13 | | 32,6 G |
| 10- 6 | 58,28 G | 33,0 G |
| 59 10-16 | 58,40 G | |

### 32332 P. — 44095 L.

| A. M. J. | Æ. | Ꝑ. |
|---|---|---|
| III. | 22h 27m | 59° 21' |
| 68 10- 7 | 47s,95 G | |
| 10- 8 | 47,76 G | 28",5 G |
| 74 9-19 | 47,97 G | 27,8 G |
| 10- 8 | | 28,3 G |
| 10-16 | 47,94 M | 25,3 M |
| 10-27 | | 27,7 G |

### 32333 P. — 44093-94 L.

| A. M. J. | Æ. | Ꝑ. |
|---|---|---|
| II. | 22h 27m | 61° 7' |
| 58 8-10 | 7s,01 G | 45",6 G |
| 9-24 | 7,05 G | 45,5 G |
| 10-29 | | 45,7 G |
| 62 9-16 | 7,06 G | 45,6 G |

### 32334 P. — 44086 L.

| A. M. J. | Æ. | Ꝑ. |
|---|---|---|
| II. | 22h 27m | 79° 24' |
| 58 8-24 | 5s,59 G | 49",0 G |
| III. | 22h 27m | 79° 20' |
| 79 9- 8 | 50s,40 M | 11",3 M |
| 80 9-27 | 50,39 M | 11,9 M |
| 81 10- 5 | 50,29 M | 12,3 M |

### 32335 P. — 44104 L.

| A. M. J. | Æ. | Ꝑ. |
|---|---|---|
| III. | 22h 27m | 51° 4' |
| 80 10-24 | 51s,16 J | 5",2 J |
| 81 9-18 | 51,15 J | 5,3 J |

### 32336 P. — 44073 et 75 L.

| A. M. J. | Æ. | Ꝑ. |
|---|---|---|
| I. | 22h 26m | 111° 29' |
| 37 8- 6 | | 58",8 G |
| 8-23 | 12s,33 G | |

### 32336 P. (suite).

| A. M. J. | Æ. | Ꝑ. |
|---|---|---|
| I. | 22h 26m | 111° 29' |
| 37 8-24 | 12s,28 G | |
| 8-25 | 12,19 G | |
| 8-27 | 12,22 G | 59",5 F |
| 10- 3 | 12,25 G | |
| 10- 4 | 12,23 G | 59,1 F |
| 38 8-15 | 12,32 G | |
| 41 9- 9 | 12,16 G | |
| 42 10- 3 | 12,39 G | 58,1 F |
| 10- 5 | 12,34 G | 60,8 F |
| 10- 6 | 12,33 G | |
| 10- 7 | 12,26 G | |
| 10- 8 | 12,33 G | |
| 10- 9 | 12,30 G | |
| 10-10 | 12,23 G | |
| 10-11 | 12,48 G | |
| 46 9-26 | 12,11 G | |
| 9-29 | 12,32 G | |
| 9-30 | 12,21 G | |
| 48 7-16 | 12,47 G | |
| 50 8- 3 | 12,36 G | 62,6 G |
| 8-10 | 12,36 G | 62,7 G |
| II. | 22h 27m | 111° 25' |
| 57 8- 7 | | 25",8 G |
| 58 8-28 | 1s,79 G | |
| 10-30 | | 25,8 G |
| 11-10 | | 26,7 F |
| III. | 22h 27m | 111° 20' |
| 80 9-29 | 51s,40 M | 53",6 M |

### 32337 P. — 44087 L.

| A. M. J. | Æ. | Ꝑ. |
|---|---|---|
| II. | 22h 27m | 81° 17' |
| 57 10-24 | 8s,29 G | 32",9 G |
| III. | 22h 27m | 81° 12' |
| 73 9-19 | 52s,91 M | 57",2 M |
| 75 10-16 | 52,99 M | 58,2 M |

### 32338 P. — 44088-89 L.

| A. M. J. | Æ. | Ꝑ. |
|---|---|---|
| II. | 22h 27m | 86° 58' |
| 56 8- 5 | 13s,19 G | |
| 9- 2 | | 37",9 G |
| III. | 22h 27m | 86° 54' |
| 79 8-30 | 59s,11 J | 3",0 J |

### 32339 P. — 44114-15 L.

| A. M. J. | Æ. | Ꝑ. |
|---|---|---|
| II. | 22h 27m | 44° 36' |
| 59 12- 7 | 22s,45 G | 17",7 G |

Dates 1800+ — Positions moyennes pour les époques du Catal.

**32340 P.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h27m | 61°0′ |
| 59 9-23 | 19s,23 G | |

**32341 P. — 5776 R₁.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 22h32m | 2°42′ |
| 52 11-25 [1] | | 28″,0 G |
| 11-27 [2] | | 29,6 G |
| 11-27 I [3] | | 29,5 G |

[1] Erreur de 5m dans l'asc. droite approchée inscrite.

[2] L'ascension droite approchée inscrite est erronée; elle se rapporte à l'heure du passage au 3e fil vertical.

[3] 𝒫 diminuée de 2°.

**32342 P. — 44111 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h28m | 49°49′ |
| 80 9-14 | 4s,33 G | 29″,2 G |
| 9-30 | 4,34 G | 30,1 G |

**32343 P. — 44090-91 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h27m | 94°1′ |
| 55 8-16 | 23s,75 G | 41″,4 G |
| 57 8-11 | 23,33 G | |
| 9-14 | | 40,8 G |

**32344 P. — 44097 et 100 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 22h26m | 86°34′ |
| 41 10-12 | 40s,32 G | 32″,6 G |
| | II. | |
| | 22h27m | 86°29′ |
| 55 10- 9 | 25s,93 G | 57″,3 G |
| | III. | |
| | 22h28m | 86°25′ |
| 80 9- 2 | 11s,60 M | 20″,7 M |

**32345 P. — 44110 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h27m | 60°58′ |
| 58 9-19 | 29s,64 G | |
| 9-25 | 29,79 G | 41″,9 G |
| 10-29 | 30,06 G | |
| 11-11 | | 40,4 G |
| 59 8-21 | 29,90 G | 41,2 G |
| 9-11 | 29,63 G | 40,8 G |
| 9-23 | 30,07 G | |
| 10-22 | 29,94 G | |
| 11-13 | | 40,5 G |
| | III. | |
| | 22h28m | 60°54′ |
| 71 10-23 | 11s,61 G | 3″,6 G |

**32346 P. — 44096 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 22h26m | 90°12′ |
| 40 9-29 | 40s,13 G | |
| | II. | |
| | 22h27m | 90°7′ |
| 58 9-28 | 26s,13 G | 23″,5 G |
| | III. | |
| | 22h28m | 90°2′ |
| 80 8-27 | 12s,31 M | 49″,3 M |

**32347 P. — 44105 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h27m | 73°34′ |
| 56 9-14 | 28s,52 G | |
| 58 10- 5 | | 5″,4 G |
| 59 11-14 | | 5,1 G |
| | III. | |
| | 22h28m | 73°29′ |
| 71 9-14 | 12s,70 G | |

**32348 P. — 44106 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 22h26m | 77°23′ |
| 41 9-28 [1] | 47s,06 G | |
| | II. | |
| | 22h27m | 77°18′ |
| 56 10-13 | 31s,20 G | 38″,4 G |
| 58 8-16 | | 38,5 G |
| | III. | |
| | 22h28m | 77°14′ |
| 80 9-30 | 15s,68 M | 1″,9 M |

[1] Erreur de 4° dans la déclin. approchée inscrite (dist. des fils). Le cahier porte bien ★ $h = 57°47'$.

**32349 P. — 44120 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h27m | 53°55′ |
| 59 11-10 | | 8″,3 G |
| | III. | |
| | 22h28m | 53°50′ |
| 73 10- 8 | 16s,47 G | 32″,1 G |
| 80 10- 1 | 16,46 M | 30,8 M |
| 81 9-13 | 16,43 M | 30,8 M |
| 9-30 | 16,32 M | 32,0 M |

**32350 P. — 44130 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h28m | 47°9′ |
| 68 11- 6 | 18s,19 M | 33″,1 M |
| 74 9-12 | 18,35 M | 32,4 M |
| 10-12 | 18,03 M | 32,6 M |

**32351 P. — 13544 Cambridge.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h27m | 65°8′ |
| 59 9-24 [1] | 40s,61 G | 5″,1 G |

[1] Erreur de 10° dans la décl. indiquée à l'obs. d'asc. droite. Le cahier-minute porte ★ $h = 66°2'$. Erreur de 1m dans l'asc. dr. approchée indiquée à l'obs. de dist. pol.

**32352 P. — 24292 A.O.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h28m | 44°32′ |
| 80 9-14 | 25s,06 M | 2″,3 M |

**32353 P. — 44121 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h27m | 64°20′ |
| 58 11- 4 | 46s,96 G | 8″,6 G |
| | III. | |
| | 22h28m | 64°15′ |
| 71 10-14 | 29s,19 G | |

**32354 P. — 44139 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h27m | 48°49′ |
| 67 10- 3 | 53s,64 M | 3″,4 M |
| 11- 2 | 53,60 M | 4,1 M |

**32355 P. — 44138 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h27m | 51°23′ |
| 59 11-18 | | 9″,0 G |
| 61 10- 3 | 54s,55 G | 9,0 G |
| | III. | |
| | 22h28m | 51°18′ |
| 79 10-11 | 34s,20 G | 30″,8 G |

**32356 P. — 4871 A + 36°.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h28m | 53°32′ |
| 68 10-13 | 35s,94 G | |

**32357 P. — 44112 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 22h27m | 92°19′ |
| 41 9-10 | 6s,97 G | |
| | II. | |
| | 22h27m | 92°14′ |
| 57 10- 3 | 53s,34 G | 48″,3 G |
| | III. | |
| | 22h28m | 92°10′ |
| 81 10- 4 | 39s,74 M | 11″,2 M |
| 10-31 | 39,76 M | 13,0 M |

**32358 P. — 44116 et 18 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h27m | 86°33′ |
| 55 10-16 | 54s,36 G | 30″,6 G |
| 56 10- 5 | | 29,7 G |
| 10-30 | 54,46 G | |

**32359 P. — 44137 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h28m | 64°7′ |
| 58 8-31 | 1s,15 G | 24″,9 G |
| 9-18 | | 24,3 G |
| | III. | |
| | 22h28m | 64°2′ |
| 71 11- 7 | 43s,36 G | |

**32360 P. — 44107 et 34 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h27m | 114°42′ |
| 55 9-23 | 53s,95 G | |
| 9-24 | 53,99 G | 44″,9 G |

**32361 P. — 44227 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 22h28m | 11°58′ |
| 50 8-12 [1] | 26s,67 G | |
| 53 2-25 I | 27,31 G | |
| 3-15 I | 27,16 G | |
| 3-28 I | 26,95 G | |
| 4- 2 I | 26,51 G | |
| 4-17 I | 26,78 G | |
| 7-19 | 26,94 G | |
| 7-23 | 26,38 G | |
| 8- 8 | 26,92 G | |
| 8- 9 | 27,01 G | |
| 9-11 | 27,44 G | |

[1] 𝒜 diminuée de 3m : erreur de transcr.

**32362 P. — 44141 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h28m | 60°59′ |
| 59 8-21 | 6s,88 G | |
| 10-22 | 6,88 G | |

**32363 P. — 44123 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h28m | 88°3′ |
| 56 9-23 | 3s,53 G | 4″,5 G |
| 9-26 | | 4,5 G |
| 57 10- 2 | 3,55 G | |

**32364 P. — 44125 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h28m | 87°54′ |
| 56 8-29 | | 44″,7 G |
| 61 10-12 | 4s,25 G | 44,3 G |

Dates 1800+ — Positions moyennes pour les époques du Catal.

### 32365 P. — 13550 Cambridge

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| **II.** | 22h28m | 65°7' |
| 59 9-24[1] | 8s,89 G | |

[1] Erreur de 10° dans la déclinaison approchée inscrite à l'obs. de passage (dist. des fils). Le Cahier-minute porte d'ailleurs ★ $h = 66°2'$.

### 32366 P. — 44113 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| **I.** | 22h27m | 108°36' |
| 41 10-18 | 14s,39 G | |
| 10-19 | 14,34 G | |
| 10-20 | 14,42 G | |
| 10-21 | 14,56 G | |
| **II.** | 22h28m | 108°31' |
| 54 8-25 | 3s,29 G | |
| 9- 1 | | 53",7 G |
| **III.** | 22h28m | 108°27' |
| 78 10- 8 | 51s,96 M | 21",3 M |
| 10-16 | 51,98 M | 19,1 M |

### 32367 P. — 44131 à 33 L.

62 η Verseau.

Étoile fondamentale.

### 32368 P. — 44117 et 19 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| **I.** | 22h27m | 108°25' |
| 39 9- 9 | | 14",0 F |
| 9-10 | | 12,9 F |
| **II.** | 22h28m | 108°20' |
| 54 8-27[1] | 7s,48 G | 37",1 G |

[1] 𝒟 diminuée de 2" : erreur de moy.

### 32369 P — 44148 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| **III.** | 22h28m | 53°32' |
| 68 10-10 | 56s,51 G | 31",3 G |
| 74 10- 7 | 56,50 M | 32,0 M |

### 32370 P. — 44146 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| **II.** | 22h28m | 60°45' |
| 57 12-19 | | 53",0 G |
| 59 8-22 | | 53,1 G |
| 61 10- 4 | 17s,27 G | 52,4 G |

### 32370 P. (suite).

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| **III.** | 22h28m | 60°41' |
| 71 9-17 | 58s,95 G | 14",9 G |

### 32371 P. — 44150 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| **II.** | 22h28m | 49°56' |
| 59 10-27 | | 50",5 G |

### 32372 P. — 13553 Cambridge.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| **II.** | 22h28m | 61°15' |
| 59 9-18 | 19s,58 G | |

### 32373 P. — 44154 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| **II.** | 22h28m | 76°6' |
| 56 8-14 | 19s,67 G | 40",6 G |
| 9-20 | | 41,2 G |

### 32374 P. — 44126 à 28 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| **I.** | 22h27m | 108°15' |
| 39 9- 7 | 27s,81 G | 29",0 F |
| 9- 8 | 27,79 G | 30,4 F |
| 9- 9 | 27,83 G | 29,3 F |
| 9-10 | | 29,7 F |
| 9-13 | | 30,3 F |
| 9-18 | 27,62 G | |
| 48 11-23 | 27,67 G | |
| 49 10- 5 | 27,69 G | |
| 50 9- 2 | 27,47 G | |
| 53 8-24[1] | 27,62 G | |
| **II.** | 22h28m | 108°10' |
| 54 8-28 | 16s,12 G | 54",2 G |
| **III.** | 22h29m | 108°6' |
| 80 9-10 | 4s,84 J | 17",2 J |

[1] 𝒜 diminuée de 1m.

### 32375 P. — 44136 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| **II.** | 22h28m | 93°39' |
| 56 8-24 | | 48",0 G |
| 59 11-18 | 18s,00 G | |
| **III.** | 22h29m | 93°35' |
| 76 10-16 | 4s,87 G | 14",1 G |

### 32376 P. — 44140 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| **II.** | 22h28m | 88°9' |
| 55 9-28 | 22s,09 G | 40",9 G |
| 56 9-26 | 21,95 G | |

### 32377 P. — 44151 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| **III.** | 22h29m | 59°50' |
| 69 10-12 | 14s,75 M | 30",4 M |
| 74 10- 8 | 14,69 M | 28,8 M |

### 32378 P. — 44153 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| **II.** | 22h28m | 65°1' |
| 60 9-20 | 39s,03 G | 28",1 G |

### 32379 P. — 44166 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| **III.** | 22h29m | 41°53' |
| 81 10-17 | 22s,75 G | 19",5 G |

### 32380 P. — 44142 à 44 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| **II.** | 22h28m | 107°6' |
| 54 8-29 | 35s,15 G | 37",8 G |

### 32381 P. — 44165 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| **III.** | 22h29m | 43°7' |
| 68 10-28 | 24s,32 M | 30",4 M |
| 74 9-12 | 24,45 G | 30,2 G |

### 32382 P. — 44178 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| **I.** | 22h27m | 80°28' |
| 39 9- 8 | | 21",8 F |

### 32383 P. — 44162 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| **II.** | 22h28m | 57°53' |
| 59 11-20 | | 57",6 G |
| 11-23 | | 56,8 G |
| **III.** | 22h29m | 57°49' |
| 68 10-28 | 35s,13 G | 19",8 G |
| 74 10-10 | 35,09 M | 19,4 M |
| 75 9-15 | 35,19 M | 20,6 M |

### 32384 P. — 10403 Rümker.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| **I.** | 22h28m | 98°27' |
| 37 8- 6 | 9s,19 G | |
| 8- 8 | 9,17 G | 54",3 F |
| 8-10 | 9,19 G | 53,3 F |
| 40 10-30 | 9,21 G | |
| 44 10-19 | 9,11 G | |

### 32385 P. — 44161 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| **I.** | 22h28m | 71°5' |
| 40 9-19 | 18s,11 G | |
| **II.** | 22h29m | 71°0' |
| 56 9-16 | | 22",5 G |
| 58 9- 8 | | 24,1 F |
| 10- 1 | 1s,35 G | 23,2 G |
| 10- 2 | | 23,6 G |
| **III.** | 22h29m | 70°55' |
| 79 9-28 | 44s,91 G | |

### 32386 P. — 3827 Gr.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| **II.** | 22h29m | 20°20' |
| 63 9-27 | | 55",8 G |
| 64 10-20 | | 55,3 G |
| 10-21 | | 54,8 G |
| 65 9-18 | | 54,5 G |
| 9-19 | | 55,4 G |
| 9-20 | | 55,0 G |
| 9-21 | | 55,3 G |

### 32387 P. — 44164 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| **II.** | 22h29m | 65°16' |
| 58 8- 8 | 3s,16 G | 40",7 G |

### 32388 P. — 44163 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| **I.** | 22h28m | 70°31' |
| 37 10- 3[1] | 21s,26 G | |
| 10- 4[1] | 21,35 G | |
| 39 8-21 | 21,24 G | |
| 8-23 | 21,23 G | |
| 46 10-20 | 21,29 G | |
| **II.** | 22h29m | 70°26' |
| 56 8- 7 | 4s,42 G | |
| 11-12 | | 40",9 G |
| 57 12-18 | 4,57 G | 40,4 G |

[1] 𝒜 diminuée de 1m : l'observateur a augmenté à tort le passage observé de 1m.

**32389 P. — 44157 L.**

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. AR | D |
|---|---|---|
| | II. | |
| | $22^h 29^m$ | 95°52' |
| 57 8-21 | $0^s,93$ G | |
| 8-30 | 1,16 G | |
| 9-18 | | 38'',6 G |
| 58 9-8 | 0,95 G | 38,9 G |

**32390 P. — 9018 Leipzig I.**

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | $22^h 29^m$ | 77°19' |
| 58 10-9 | | 15'',3 G |

**32391 P. — 44152 L.**

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | $22^h 29^m$ | 108°59' |
| 54 9-5 | $3^s,09$ G | |
| 9-6[1] | | 33'',0 G |
| 9-7 | 3,17 G | 41,1 G |
| 58 8-15 | | 38,5 G |
| 59 10-17 | 2,98 G | |
| | III. | |
| | $22^h 29^m$ | 108°54' |
| 78 10-12 | $51^s,85$ M | 62'',5 M |
| 10-15[2] | 51,95 M | 60,7 M |

[1] D non comprise dans la moyenne.
[2] D augmentée de 3'',3 : erreur de 20'' sur un microscope.

**32392 P. — 44174-75 L.**

| A. M. J. | AR | D |
|---|---|---|
| | III. | |
| | $22^h 29^m$ | 46°57' |
| 80 10-18 | $52^s,86$ G | 53'',8 G |

**32393 P. — 44177 L.**

| A. M. J. | AR | D |
|---|---|---|
| | III. | |
| | $22^h 29^m$ | 45°29' |
| 80 10-1 | $53^s,20$ G | 31'',7 G |

**32394 P. — 44172 L.**

| A. M. J. | AR | D |
|---|---|---|
| | III. | |
| | $22^h 29^m$ | 51°3' |
| 80 9-29[1] | $53^s,83$ J | 37'',7 J |

[1] AR augmentée de 1s : correction indiquée comme probable par l'observateur.

**32395 P. — 10411 Rümker.**

| A. M. J. | AR | D |
|---|---|---|
| | I. | |
| | $22^h 28^m$ | 61°51' |
| 43 10-5 | $29^s,97$ G | |

**32396 P. — 44158 et 60 L.**

| A. M. J. | AR | D |
|---|---|---|
| | I. | |
| | $22^h 28^m$ | 90°59' |
| 40 8-28 | $22^s,14$ G | 11'',2 F |
| 42 10-15 | 21,97 G | |
| 10-16 | 22,07 G | |
| 10-20 | 22,12 G | |
| 10-28 | 22,20 G | |
| 43 11-29 | 22,10 G | |
| | II. | |
| | $22^h 29^m$ | 90°54' |
| 55 10-5 | $8^s,32$ G | 36'',0 G |
| 56 7-26 | | 35,5 G |
| 8-13 | 8,28 G | 36,5 G |
| 57 8-13 | 8,22 G | |
| 59 8-29 | 8,17 G | |
| 60 11-16 | | 36,1 G |

**32397 P. — 44170 L.**

| A. M. J. | AR | D |
|---|---|---|
| | III. | |
| | $22^h 29^m$ | 57°51' |
| 81 10-18 | $57^s,10$ J | 26'',3 J |

**32398 P. — 44155-56 L.**

| A. M. J. | AR | D |
|---|---|---|
| | I. | |
| | $22^h 28^m$ | 111°53' |
| 41 9-9 | $20^s,14$ G | |
| | II. | |
| | $22^h 29^m$ | 111°48' |
| 55 9-19 | $9^s,33$ G | |
| 58 8-5 | | 50'',9 G |
| | III. | |
| | $22^h 29^m$ | 111°44' |
| 79 8-30 | $58^s,63$ J | 13'',8 J |

**32399 P. — 44265 L.**

| A. M. J. | AR | D |
|---|---|---|
| | I. | |
| | $22^h 29^m$ | 14°34' |
| 53 3-15 I | $31^s,35$ G | |
| 4-2 I | 31,06 G | |
| 7-19 | 31,51 G | |
| 7-23 | 31,76 G | |
| 8-8 | 31,66 G | |
| 8-9 | 31,63 G | |
| 9-11 | 31,85 G | |

**32400 P. — 6015 Sf. — 9°.**

| A. M. J. | AR | D |
|---|---|---|
| | I. | |
| | $22^h 28^m$ | 99°44' |
| 48 10-27 | $34^s,43$ G | |

**32401 P. — 44168 L.**

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | $22^h 29^m$ | 84°12' |
| 56 8-26 | $25^s,31$ G | |
| 9-28 | | 41'',4 G |
| 57 9-21 | 25,47 G | |

**32401 P. (suite).**

| A. M. J. | AR | D |
|---|---|---|
| | III. | |
| | $22^h 30^m$ | 84°8' |
| 74 9-9 | $10^s,74$ G | 4'',4 G |

**32402 P. — 44192 L.**

| A. M. J. | AR | D |
|---|---|---|
| | I. | |
| | $22^h 28^m$ | 51°10' |
| 52 11-7 | $58^s,62$ G | |

**32403 P. — 44193 L.**

| A. M. J. | AR | D |
|---|---|---|
| | I. | |
| | $22^h 28^m$ | 51°9' |
| 52 10-25 | $58^s,84$ G | |
| 11-7 | 58,79 G | |
| 53 8-9 | | 58'',8 F |
| | II. | |
| | $22^h 29^m$ | 51°5' |
| 59 11-10 | | 22'',2 G |
| 11-18 | | 23,2 G |
| 60 9-29 | $38^s,98$ G | 20,8 G |
| | III. | |
| | $22^h 30^m$ | 51°0' |
| 68 10-20 | $18^s,59$ G | 44'',2 G |
| 10-22 | 18,70 G | 43,6 G |
| 79 9-26 | 18,81 G | |
| 10-12 | 18,68 G | 42,7 G |

**32404 P. — 44169 L.**

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | $22^h 29^m$ | 86°12' |
| 56 8-9 | $33^s,40$ G | |
| 10-18 | | 50'',5 G |
| 57 9-29 | 33,63 G | |
| | III. | |
| | $22^h 30^m$ | 86°8' |
| 79 10-3 | $18^s,98$ M | 14'',4 M |

**32405 P. — 614 $W_I$.**

| A. M. J. | AR | D |
|---|---|---|
| | I. | |
| | $22^h 28^m$ | 97°15' |
| 40 9-16 | $47^s,72$ G | |

**32406 P. — 44179 L.**

| A. M. J. | AR | D |
|---|---|---|
| | I. | |
| | $22^h 28^m$ | 79°6' |
| 45 10-9 | $55^s,63$ G | |
| | II. | |
| | $22^h 29^m$ | 79°1' |
| 56 9-8 | | 39'',7 G |
| 57 10-20 | $40^s,22$ G | 40,5 G |
| | III. | |
| | $22^h 30^m$ | 78°57' |
| 79 10-7 | $24^s,59$ G | |
| 80 9-24 | 24,60 M | 2'',3 M |

**32407 P. — 10418 Rümker.**

| A. M. J. | AR | D |
|---|---|---|
| | I. | |
| | $22^h 28^m$ | 98°21' |
| 40 9-12 | $51^s,61$ G | |
| 44 10-5 | 51,88 G | |
| 10-10 | 51,87 G | |
| 10-11 | 51,90 G | |
| 10-15 | 51,91 G | |
| 10-19 | 52,01 G | |

**32408 P. — 44191 L.**

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | $22^h 29^m$ | 60°58' |
| 58 9-19 | $44^s,62$ G | |
| 11-7 | 44,67 G | |
| 11-12 | 44,55 G | |
| 59 10-22 | 44,57 G | |
| | III. | |
| | $22^h 30^m$ | 60°54' |
| 71 10-12 | $26^s,43$ G | |
| 74 9-19 | 26,36 G | 0'',7 G |

**32409 P. — 44195 L.**

| A. M. J. | AR | D |
|---|---|---|
| | III. | |
| | $22^h 30^m$ | 55°4' |
| 80 9-30 | $27^s,18$ J | 1'',7 J |
| 10-12 | 27,36 J | 3,5 J |

**32410 P. — 44181 L.**

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | $22^h 29^m$ | 77°15' |
| 58 8-24 | $43^s,44$ G | 31'',6 G |
| 11-3 | 43,49 G | |

**32411 P. — 44167 L.**

| A. M. J. | AR | D |
|---|---|---|
| | I. | |
| | $22^h 28^m$ | 102°31' |
| 40 10-31[1] | $52^s,47$ G | |
| | II. | |
| | $22^h 29^m$ | 102°27' |
| 54 9-2 | $40^s,38$ G | 18'',8 G |
| 58 9-27 | | 17,4 F |
| | III. | |
| | $22^h 30^m$ | 102°22' |
| 78 11-3 | $28^s,27$ M | 39'',6 M |

[1] Erreur de 1° dans la déclin. approchée indiquée. Le registre porte ✱ $h = 28°37'$.

**32412 P. — 44190 L.**

| A. M. J. | AR | D |
|---|---|---|
| | I. | |
| | $22^h 29^m$ | 63°40' |
| 40 8-30 | $4^s,11$ G | |
| 8-31 | 4,02 G | 45'',6 F |
| 10-10 | 4,03 G | 45,2 F |
| 10-12 | 3,93 G | |
| 10-13 | 3,92 G | |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (Æ, 𝒫)

### 32412 P. (suite).

| Dates | Æ | 𝒫 |
|---|---|---|
| II. | 22h29m | 63°36' |
| 57 10- 1 | 46s,22 G | 6",8 G |
| 58 9-25 | 46,35 G | 8,1 G |

### 32413 P. — 44194 et 97 L.

| Dates | Æ | 𝒫 |
|---|---|---|
| III. | 22h30m | 53°53' |
| 80 10-24 | 28s,76 J | 3",2 J |

### 32414 P. — 44184 L.

| Dates | Æ | 𝒫 |
|---|---|---|
| II. | 22h29m | 77°34' |
| 58 8-26 | 47s,04 G | 7",8 G |
| 9-27 | 47,02 G | 8,6 G |
| III. | 22h30m | 77°29' |
| 71 9-14 | 31s,51 G | |

### 32415 P. — 44171 L.

| Dates | Æ | 𝒫 |
|---|---|---|
| I. | 22h28m | 104°28' |
| 41 10-18 | 57s,31 G | |
| 10-19 | 57,13 G | |
| 10-20 | 57,16 G | |
| 10-21[1] | 57,37 G | 2",0 F |
| II. | 22h29m | 104°23' |
| 54 9- 8 | 45s,16 G | 24",3 G |
| III. | 22h30m | 104°18' |
| 78 10-17 | 33s,21 M | 49",4 M |
| 11- 6 | 33,09 M | 51,1 M |

[1] 𝒫 augmentée de 3° : erreur de transcr.

### 32416 P. — 44185 à 87 L.

| Dates | Æ | 𝒫 |
|---|---|---|
| I. | 22h29m | 83°1' |
| 43 10-19 | 6s,81 G | |
| 10-23 | 6,76 G | |
| II. | 22h29m | 82°56' |
| 56 9- 1 | 51s,92 G | 26",9 G |
| III. | 22h30m | 82°51' |
| 80 9-26 | 37s,40 M | 50",3 M |

### 32417 P. — 44202 L.

| Dates | Æ | 𝒫 |
|---|---|---|
| II. | 22h29m | 51°23' |
| 59 10-27 | | 12",7 G |

### 32418 P. — 665 W$_2$.

| Dates | Æ | 𝒫 |
|---|---|---|
| II. | 22h29m | 64°8' |
| 58 8-31 | 58s,32 G | |

### 32419 P. — 44213 L.

| Dates | Æ | 𝒫 |
|---|---|---|
| III. | 22h30m | 40°34' |
| 68 10-20 | 42s,02 M | 32",9 M |
| 74 10-12 | 41,95 M | 33,3 M |

### 32420 P. — 44173 L.

| Dates | Æ | 𝒫 |
|---|---|---|
| II. | 22h29m | 111°6' |
| 55 9-19 | | 1",1 G |
| III. | 22h30m | 111°1' |
| 79 10-16 | 42s,11 J | 28",9 J |
| 81 9-28 | 42,23 M | 28,9 M |

### 32421 P. — 44207 L.

| Dates | Æ | 𝒫 |
|---|---|---|
| III. | 22h30m | 52°48' |
| 69 9-25 | 45s,42 M | 17",1 M |
| 74 10- 8 | | 16,6 G |
| 10-12 | 45,34 G | 15,0 G |

### 32422 P. — 44176 L.

| Dates | Æ | 𝒫 |
|---|---|---|
| II. | 22h29m | 112°31' |
| 55 8-11 | 57s,01 G | |
| 58 9- 9 | 57,05 G | 18",6 G |

### 32423 P. — 44208 L.

| Dates | Æ | 𝒫 |
|---|---|---|
| III. | 22h30m | 52°52' |
| 81 9-30 | 46s,17 M | 1",2 M |
| 10-15 | 46,20 M | 2,4 M |

### 32424 P. — 44188 L.

| Dates | Æ | 𝒫 |
|---|---|---|
| II. | 22h30m | 96°47' |
| 55 9-22 | 0s,24 G | 29",0 G |
| 57 10-12 | | 28,3 G |
| III. | 22h30m | 96°42' |
| 76 10-16 | 47s,12 M | 50",5 M |

### 32425 P. — 44180 et 82 L.

| Dates | Æ | 𝒫 |
|---|---|---|
| II. | 22h30m | 107°5' |
| 54 9- 9 | 0s,67 G | |
| 58 9- 9 | | 41",3 F |
| 9-13 | | 45,0 G |
| 10- 8 | | 42,8 G |

### 32425 P. (suite).

| Dates | Æ | 𝒫 |
|---|---|---|
| III. | 22h30m | 107°1' |
| 80 9- 2 | 48s,86 M | 5",2 M |

### 32426 P. — 624 W$_1$.

| Dates | Æ | 𝒫 |
|---|---|---|
| II. | 22h30m | 90°50' |
| 58 11-10[1] | 6s,41 G | 8",0 G |

[1] Æ augmentée de 0s,20 : erreur de 1s sur un fil.

### 32427 P. — 44196 L.

| Dates | Æ | 𝒫 |
|---|---|---|
| II. | 22h30m | 88°47' |
| 56 8- 5 | 8s,24 G | |
| 9- 2 | | 55",6 G |
| III. | 22h30m | 88°43' |
| 71 9- 4 | 54s,27 M | 17",8 M |

### 32428 P. — 44212 L.

| Dates | Æ | 𝒫 |
|---|---|---|
| II. | 22h30m | 59°55' |
| 58 9-24 | 15s,52 G | 57",0 G |
| III. | 22h30m | 59°51' |
| 71 11-14 | 57s,04 G | |
| 11-20 | 56,91 G | |
| 74 9-14 | 57,19 M | 19",7 M |
| 79 10- 4 | 57,34 G | 18,8 G |

### 32429 P. — 44216 et 18 L.

| Dates | Æ | 𝒫 |
|---|---|---|
| II. | 22h30m | 52°59' |
| 59 11-23[1] | | 43",8 G |
| 61 9-27 | 19,51 G | 41,9 G |
| III. | 22h30m | 52°55' |
| 73 10- 9 | 59s,76 G | 2",6 G |
| 80 9-29 | 59,85 M | 3,3 M |
| 81 9-18 | 59,81 J | 3,5 J |

[1] 𝒫 augm. de 3' : erreur de transcr.

### 32430 P. — 44209 L.

| Dates | Æ | 𝒫 |
|---|---|---|
| I. | 22h29m | 73°31' |
| 40 10-25 | 36s,68 G | |
| II. | 22h30m | 73°26' |
| 56 8-15 | 20s,53 G | |
| 9-14 | 20,45 G | 31",8 G |
| 58 10- 5 | | 31,6 G |
| 59 11-14 | | 31,6 G |

### 32431 P. — 44200-01 L.

| Dates | Æ | 𝒫 |
|---|---|---|
| II. | 22h30m | 86°9' |
| 56 10-19 | | 55",2 G |
| 10-26 | 18s,78 G | |
| III. | 22h31m | 86°5' |
| 79 9- 8 | 4s,35 M | 15",3 M |

### 32432 P. — 44214-15 L.

| Dates | Æ | 𝒫 |
|---|---|---|
| II. | 22h30m | 60°59' |
| 58 8-10 | | 10",0 G |
| 8-30[1] | 24s,22 G | |
| 9-19 | 24,47 G | |
| 10-29 | 24,56 G | 10,6 G |
| 11- 7 | 24,38 G | 10,1 G |
| 59 11-13 | | 9,5 G |

[1] Æ augmentée de 0s,11 : suppression d'un fil erroné.

### 32433 P. — 44221 L.

| Dates | Æ | 𝒫 |
|---|---|---|
| II. | 22h30m | 55°4' |
| 67 10-30 | . | 20",3 G |
| III. | 22h31m | 54°59' |
| 68 10- 7 | 7s,84 G | 41",7 G |
| 10- 8 | 8,02 G | 40,3 G |

### 32434 P. — 44189 L.

| Dates | Æ | 𝒫 |
|---|---|---|
| II. | 22h30m | 118°10' |
| 58 8-28 | 19s,98 G | 10",1 G |

### 32435 P. — 44219 L.

| Dates | Æ | 𝒫 |
|---|---|---|
| III. | 22h31m | 67°10' |
| 71 10-14 | 14s,12 G | 27",3 G |

### 32436 P. — 44199 L.

| Dates | Æ | 𝒫 |
|---|---|---|
| II. | 22h30m | 104°5' |
| 54 9-20 | 26s,54 G | 45",6 G |
| 58 10- 6 | 26,59 G | 45,8 G |
| 10-12 | 26,51 G | |

### 32437 P. — 690 W$_2$.

| Dates | Æ | 𝒫 |
|---|---|---|
| III. | 22h31m | 47°6' |
| 80 10-12 | 15s,62 G | |

### 32438 P. — 44203 à 06 L.

| Dates 1800 + A. | M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $22^h29^m$ | 95° 1′ |
| 37 | 8- 6 | | 30″,8 G |
| 39 | 8-20 | $43^s,71$ G | |
| | 9- 7 | 43,86 G | 29,2 F |
| | 9- 8 | 43,71 G | 30,9 F |
| | 9-10 | | 29,9 F |
| | 9-11 | | 30,7 F |
| | 10-18 | 43,54 G | |
| | 10-25 | 43,57 G | |
| | 11-28 | 43,68 G | |
| 40 | 9-29 | 43,71 G | |
| 42 | 10- 8 | 43,70 G | |
| | 10- 9 | 43,54 G | |
| | 10-10 | 43,58 G | |
| | 10-11 | 43,54 G | |
| 48 | 12-10 | 43,47 G | |
| 49 | 9-17 | 43,66 G | 32,4 G |
| | 9-21 | 43,53 G | 33,1 G |
| | 9-23 | 43,75 G | |
| | 9-25 | 43,46 G | |
| | 9-26 | 43,58 G | |
| 51 | 10-12 | 43,51 G | |
| 52 | 8-13 | 43,79 G | |
| | | II. | |
| | | $22^h30^m$ | 94°56′ |
| 54 | 8-20 | $30^s,30$ G | |
| 55 | 8-11 | | 55″,7 G |
| | 9- 4 | | 54,7 G |
| | 10-15 | 30,20 G | 56,7 G |
| 57 | 8-16 | 30,30 G | |
| | 8-21 | 30,22 G | |
| 58 | 8-12 | 30,25 G | 55,0 G |
| 59 | 9-10 | 30,39 G | |
| | 9-11 | 30,15 G | 56,3 G |
| | | III. | |
| | | $22^h31^m$ | 94°52′ |
| 76 | 9-21 | $16^s,78$ G | 19″,7 G |
| | 9-22 | 16,80 G | 19,8 G |
| | 9-23 | 16,72 G | |
| 80 | 7-24 | 16,83 G | 19,8 G |
| | 9-17 | 16,74 J | 20,5 J |
| 81 | 10- 4 | 16,80 M | 19,7 M |
| | 10- 4 | 16,95 G | 20,9 G |
| | 10- 4 | 16,63 J | 20,4 J |
| | 10- 5 | 16,80 M | 21,0 M |
| | 10- 5 | 16,85 J | 20,7 J |
| | 10-31 | 16,77 M | 21,2 M |
| | 10-31 | 17,00 G | 19,5 G |

### 32439 P. — 44198 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $22^h30^m$ | 116°22′ |
| 55 | 9-24 | $28^s,05$ G | 45″,9 G |
| | | III. | |
| | | $22^h31^m$ | 116°18′ |
| 80 | 9- 1 | $17^s,92$ M | 9″,1 M |

### 32440 P. — 44243 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $22^h31^m$ | 42°45′ |
| 81 | 10- 1 | $30^s,49$ G | 51″,3 G |
| | 10-15 | 30,23 G | |

### 32441 P. — 44236-37 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $22^h31^m$ | 47°2′ |
| 80 | 8-19 | $31^s,39$ G | |
| | 9-14 | 31,20 G | 51″,7 G |
| | 9-24 [1] | 31,30 G | 52,0 G |
| | 9-28 | 31,27 G | 52,2 G |
| | 10-12 | | 52,0 G |

[1] 𝒜 diminuée de 1ˢ : correction indiquée comme probable par l'observateur.

### 32442 P. — 44210-11 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $22^h30^m$ | 113°27′ |
| 58 | 10-30 | | 49″,5 G |
| 60 | 11- 3 | $44^s,97$ G | 51,4 G |
| 61 | 9- 2 [1] | 44,89 G | |

[1] 𝒜 diminuée de 0ˢ,50 : err. de réduct.

### 32443 P. — 44229-30 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $22^h30^m$ | 66°43′ |
| 58 | 9-10 | $53^s,18$ G | 24″,8 G |
| | 9-15 | 53,15 G | |
| | 10-16 | 53,40 G | |
| | | III. | |
| | | $22^h31^m$ | 66°38′ |
| 79 | 9- 2 | $35^s,95$ G | 46″,1 G |

### 32444 P. — 44234 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $22^h30^m$ | 63°17′ |
| 59 | 8-21 | $59^s,59$ G | 14″,0 G |
| | | III. | |
| | | $22^h31^m$ | 63°12′ |
| 71 | 9-17 | $42^s,05$ G | 34″,1 G |
| | 10-23 | 41,64 G | 34,2 G |

### 32445 P. — 44231 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $22^h30^m$ | 75°43′ |
| 56 | 8-30 | $59^s,46$ G | 59″,5 G |
| 58 | 11-22 | 59,65 G | 60,5 G |
| | | III. | |
| | | $22^h31^m$ | 75°39′ |
| 71 | 9- 9 | $44^s,00$ G | |

### 32446 P. — 700-01 $W_2$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $22^h31^m$ | 63°12′ |
| 59 | 8-21 [1] | $2^s,08$ G | |

[1] 𝒜 augm. de 0ˢ,20 : err. de 1ˢ sur un fil.

### 32447 P. — 44252-53 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $22^h31^m$ | 47°54′ |
| 63 | 8- 7 | $6^s,98$ G | |
| | 9-18 | 6,90 G | |
| | 9-19 | 6,91 G | |
| | 9-27 | 6,87 G | |
| | 10-12 | 6,98 G | |
| 64 | 9-11 | 6,88 G | |
| | 9-12 | 6,96 G | |
| | 9-22 | 7,03 G | |
| | 9-23 | 7,04 G | |
| | 9-26 | 7,08 G | |
| | 9-29 | 7,00 G | |
| | 10-17 | 6,99 G | |
| | 10-24 | 6,93 G | |
| 65 | 9- 2 | 6,91 G | |
| | 9- 5 | 7,03 G | |
| | 9-12 | 7,11 G | |
| | 9-13 | 7,02 G | |
| | 10-21 | 6,88 G | |
| | | III. | |
| | | $22^h31^m$ | 47°50′ |
| 72 | 8-28 | $46^s,31$ G | |
| | 8-31 | 46,15 G | |
| 80 | 10- 1 | 46,11 M | 13″,4 M |
| 81 | 9-13 | 46,23 M | 15,4 M |
| | 10-10 | 46,05 M | 15,7 M |

### 32448 P. — 44220 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $22^h30^m$ | 107°11′ |
| 54 | 9-19 | | 55″,2 G |
| 58 | 8-15 | | 54,2 G |
| | | III. | |
| | | $22^h31^m$ | 107°7′ |
| 78 | 10- 8 | $47^s,49$ M | 16″,4 M |
| | 11- 9 | 47,41 M | 17,9 M |

### 32449 P. — 44223-24 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $22^h30^m$ | 98°42′ |
| 37 | 8- 6 | $14^s,13$ G | |
| 40 | 10-31 | 13,96 G | |
| | 11- 3 | 13,99 G | |
| | | II. | |
| | | $22^h31^m$ | 98°37′ |
| 54 | 9-27 | $1^s,28$ G | 26″,4 G |
| | 11- 9 | 1,33 G | |
| 55 | 8-17 | | 25,5 G |
| | 9- 6 | 1,01 G | 25,0 G |
| | 9-15 | | 26,3 G |
| | 9-16 | | 24,6 G |
| 56 | 10-27 | 1,26 G | |
| 57 | 9- 9 | | 24,4 G |
| | | III. | |
| | | $22^h31^m$ | 98°32′ |
| 76 | 10-14 | $48^s,44$ M | 46″,2 M |

### 32450 P. — 647 $W_1$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $22^h31^m$ | 77°10′ |
| 58 | 11- 3 [1] | $4^s,59$ G | |

[1] 𝒜 dim. de 0ˢ,27 : suppr. d'un fil erroné.

### 32451 P. — 44222 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $22^h31^m$ | 104°42′ |
| 75 | 10- 6 | $49^s,80$ M | 23″,9 M |
| | 10- 8 | 49,85 M | 25,0 M |

### 32452 P. — 44228 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $22^h31^m$ | 94°25′ |
| 56 | 10-28 | $4^s,24$ G | |
| 57 | 8-10 | 4,04 G | |
| | 8-20 | 4,11 G | |
| | 9- 8 | 4,25 G | 56″,3 G |
| | 11-15 | | 53,5 G |
| 58 | 8-23 | 4,33 G | 58,1 G |
| | 9-26 | 4,14 G | 55,7 G |

### 32453 P. — 13592 Cambridge.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $22^h30^m$ | 64°22′ |
| 40 | 10-10 | $26^s,93$ G | |
| | 10-12 | 26,90 G | |
| | 10-13 | 27,02 G | |

### 32454 P. — 31318 $Mn_1$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $22^h31^m$ | 77°9′ |
| 58 | 11- 3 | $8^s,94$ G | |

### 32455 P. — 44256 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $22^h31^m$ | 51°12′ |
| 73 | 10-17 | $53^s,75$ G | 32″,5 G |
| | 10-28 | 53,89 G | |
| 74 | 10-16 | 53,83 M | 32,9 M |
| 79 | 9-30 | 54,00 G | 34,1 G |
| | 11- 2 | 54,00 G | |

### 32456 P. — 44225-26 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $22^h30^m$ | 104°52′ |
| 41 | 10-19 | $18^s,13$ G | |
| | 10-20 | 18,27 G | |
| | | II. | |
| | | $22^h31^m$ | 104°47′ |
| 54 | 9-26 | $6^s,31$ G | 38″,2 G |
| 67 | 9-27 | 6,40 M | 35,5 M |

### 32457 P. — 31322 $Mn_1$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $22^h31^m$ | 88°34′ |
| 81 | 9-13 [1] | $56^s,48$ J | 8″,7 J |

[1] 𝒫 augmentée de 1″.

Dates 1800 + — Positions moyennes pour les époques du Catal.

**32458 P. — 44244 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | III. | |
| | | 22h31m | 66°29′ |
| 80 | 9- 5 | 57s,72 J | 17",5 J |
| | 9-11 | 57,59 J | 17,9 J |
| | 9-13 | 57,54 J | 18,7 J |

**32459 P. — 651 W₁.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 22h31m | 77°33′ |
| 57 | 9- 6 | 19s,37 G | |
| 58 | 9-27 | 19,51 G | |

**32460 P. — 44240 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 22h31m | 83°16′ |
| 55 | 10- 9 | 19s,82 G | 41",8 G |
| 58 | 9-13 | 19,73 G | 43,0 G |

**32461 P. — 44258, 62 et 63 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 22h31m | 60°48′ |
| 58 | 8- 8 | 23s,48 G | 4",3 G |
| | 11- 4 | 23,33 G | 3,6 G |
| | | III. | |
| | | 22h32m | 60°43′ |
| 71 | 11-13 | 5s,13 G | |
| 74 | 9-12 | 5,26 M | 25",6 M |
| | 10-13 | 5,21 M | 26,9 M |
| 75 | 9- 6 | 5,23 M | 27,5 M |
| 80 | 9-27 | 5,41 J | 26,7 J |
| | 10-18 | 5,26 J | 26,5 J |

**32462 P. — 5718 Sf. — 4°.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 22h31m | 94°29′ |
| 58 | 9-26 | 19s,54 G | |
| | 9-28 | | 56",7 G |

**32463 P. — 44238-39 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 22h31m | 88°25′ |
| 56 | 10-30 | 20s,62 G | |
| 57 | 8- 6 | 20,69 G | 33",7 G |
| | 10- 2 | 20,67 G | 35,2 G |
| | 10-24 | 20,87 G | |
| | | III. | |
| | | 22h32m | 88°20′ |
| 81 | 9-16 | 6s,66 J | 56",8 J |

**32464 P. — 31329 Mn₁.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 22h31m | 94°34′ |
| 58 | 9-28 | 20s,32 G | |

**32465 P. — 44249 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 22h32m | 77°34′ |
| 57 | 9- 6 | 23s,94 G | 47",9 G |
| 58 | 9-27 | 23,93 G | 48,4 G |

**32466 P. — 44248 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | I. | |
| | | 22h30m | 80°11′ |
| 43 | 8-29 | 39s,19 G | |
| | | II. | |
| | | 22h31m | 80°6′ |
| 57 | 8-22 | 23s,92 G | |
| 59 | 8-28 | 23,90 G | 37",9 G |
| | | III. | |
| | | 22h32m | 80°1′ |
| 79 | 9- 1 | 8s,68 M | 57",6 M |

**32467 P. — 44271 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 22h31m | 55°19′ |
| 67 | 10-31 | | 8",5 G |
| | | III. | |
| | | 22h32m | 55°14′ |
| 68 | 10-10 | 8s,66 G | 30",1 G |
| | 10-13 | 8,65 G | 30,4 G |
| 69 | 9-23 | 8,93 M | 29,3 M |
| 74 | 9-12 | 8,64 G | 31,5 G |

**32468 P. — 44250-51 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 22h31m | 81°28′ |
| 55 | 10-31 | 27s,04 G | 3",1 G |
| | | III. | |
| | | 22h32m | 81°23′ |
| 74 | 9- 9 | 12s,03 G | 27",1 G |
| 80 | 10-30 | 12,07 J | 27,2 J |
| 81 | 9-17 | 11,99 J | 27,0 J |
| | 10-10 | 11,97 J | 26,9 J |

**32469 P. — 44286 et 88 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | I. | |
| | | 22h31m | 39°15′ |
| 40 | 12- 1 | 1s,07 G | 16",5 F |
| 51 | 9-16 | 1,00 G | |
| | | III. | |
| | | 22h32m | 39°5′ |
| 80 | 11- 4 | 14s,43 G | 60",3 G |
| 81 | 9-16 | 14,32 G | 59,9 G |

**32470 P. — 662 W₁.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 22h31m | 80°9′ |
| 57 | 8-22 | 35s,56 G | |
| 59 | 8-28 | 35,48 G | |

**32471 P. — 44245 à 47 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | I. | |
| | | 22h30m | 100°54′ |
| 39 | 9- 9 | | 25",1 F |
| | 9-11 | | 30,6 F |
| | | II. | |
| | | 22h31m | 100°49′ |
| 54 | 8-25 | 34s,54 G | |
| | 8-27 | | 48",6 G |
| | | III. | |
| | | 22h32m | 100°45′ |
| 79 | 9-25 | 22s,16 J[1] | 9",4 J |
| | 10- 3 | 22,01 J | 9,3 J |
| | 10- 6 | 22,20 J | 9,1 J |
| | 10- 7 | 22,02 J | 9,1 J |

**32472 P. — 44235 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 22h31m | 116°12′ |
| 58 | 10-31 | 32s,45 G | 33",2 G |
| | | III. | |
| | | 22h32m | 116°7′ |
| 79 | 10- 6 | 22s,31 M | 54",5 M |
| 80 | 9-10 | 22,27 J | 54,8 J |

**32473 P. — 44275 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 22h31m | 69°29′ |
| 58 | 10- 2 | | 57",1 G |
| 60 | 9- 9 | 44s,29 G | 59,4 G |
| 61 | 10-10 | 44,37 G | 57,4 G |
| 62 | 9- 2 | 44,37 G | |
| | 9-13[1] | 44,30 G | 56,8 G |
| | 10- 1 | 44,75 G | 57,5 G |

[1] $\mathcal{P}$ diminuée de 1′.

**32474 P. — 44259-60 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 22h31m | 93°45′ |
| 55 | 10- 5 | 42s,32 G | |
| | 12- 3 | | 8",4 G |
| | | III. | |
| | | 22h32m | 93°40′ |
| 78 | 9-14 | 28s,87 M | 29",8 M |
| | 9-20 | 28,66 G | |
| | 9-21 | 28,67 G | |
| | 9-27 | 28,59 G | 29,2 G |

**32475 P. — 44264 et 66 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | I. | |
| | | 22h30m | 86°16′ |
| 40 | 10- 6 | | 26",2 F |
| | | II. | |
| | | 22h31m | 86°11′ |
| 55 | 10- 8 | 44s,39 G | 47",6 G |
| 57 | 11- 4 | 44,41 G | |

**32475 P. (suite).**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | III. | |
| | | 22h32m | 86°7′ |
| 72 | 10-25 | 29s,85 G | |
| 74 | 9-24 | 29,95 M | 8",6 M |
| | 10- 7 | 30,03 M | 7,8 M |
| | 10- 8 | 30,03 M | 8,1 M |
| 75 | 9-15 | 29,88 M | 8,2 M |

**32476 P. — 44282-83 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 22h31m | 61°0′ |
| 58 | 8-10 | 50s,95 G | |
| | 8-30 | 50,67 G | |
| | 11- 7 | 50,88 G | |
| | 11-11 | 50,94 G | 52",5 G |
| | | III. | |
| | | 22h32m | 60°56′ |
| 79 | 9- 3 | | 11",9 G |
| | 9-25 | 32s,89 G | 12,0 G |
| | 9-27 | 33,09 G | 9,6 G |
| | 9-28 | 32,83 G | |
| | 10-20 | 32,66 G | 12,4 G |
| | 10-27 | 32,87 G | 14,7 G |
| | 11- 9 | 32,91 G | 9,4 G |

**32477 P. — 31343 Mn₁.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 22h31m | 88°12′ |
| 56 | 10-21[1] | | 15",1 G |

[1] $\mathcal{P}$ augm. de 20″ : err. de reduct.

**32478 P. — 44272-73 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | II. | |
| | | 22h31m | 82°21′ |
| 56 | 9- 5 | 50s,22 G | 13",6 G |
| 61 | 10- 3 | 50,74 G | 14,3 G |

**32479 P. — 44299 L.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | III. | |
| | | 22h32m | 49°31′ |
| 80 | 9-11 | 36s,88 G | 39",9 G |
| | 9-30 | 36,86 G | 40,6 G |

**32480 P. — 31 Céphée.**

| A. | M. J. | $\mathcal{A}$. | $\mathcal{P}$. |
|---|---|---|---|
| | | I. | |
| | | 22h31m | 17°9′ |
| 52 | 11-19 | | 39",8 G |
| | 11-19 | | 36,7 F |
| | 11-20 | | 38,5 G |
| | 11-20 | | 38,6 F |
| | 11-25 | | 39,1 G |
| | 11-25 | | 38,1 F |
| | 11-27 | | 38,3 G |
| | 11-27 | | 38,3 F |
| | 11-27 I | | 35,5 G |
| | 11-27 I | | 36,0 F |
| | 12- 8 I | | 38,6 G |
| | 12- 8 I | | 37,1 F |

**32480 P. (suite).**

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. Æ. | D. |
|---|---|---|
| | I. | |
| | 22h 31m | 17° 9' |
| 52 12-10 | | 37",0 F |
| 12-10 I | | 38,1 G |
| 12-10 I | | 36,7 F |
| 12-11 | | 36,2 G |
| 12-11 I | | 38,0 G |
| 12-11 I | | 37,6 F |
| 12-13 I | | 39,7 F |
| 53 2- 6 I | 56s,75 G | |
| 2-15 I | 56,47 G | |
| 3-12 I | 56,22 G | |
| 3-15 I | 56,69 G | |
| 3-24 I | 56,21 G | |
| 4-17 I | 56,31 G | |
| 7-2 I | 56,25 G | |
| 7-3 I | 56,56 G | |
| 8- 6 | 56,70 G | |
| 9-19 | 56,23 G | |

**32481 P. — 44267 à 70 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | I. | |
| | 22h 31m | 100° 49' |
| 39 9- 9 | 6s,48 G | 57",3 F |
| 9-10 | | 56,7 F |
| 9-11 | | 55,9 F |
| 9-21 | 6,39 G | 55,4 F |
| 41 9-10 | 6,48 G | |
| 9-11 | 6,52 G | 55,3 F |
| 10-11 | 6,48 G | |
| 10-12 | 6,52 G | 57,3 F |
| 48 11-23 | | 56,8 G |
| 50 12- 6 | 6,39 G | |
| 51 9- 5 | 6,23 G | |
| 9- 6 | 6,29 G | |
| 52 12-18 | 6,32 G | |
| 53 11- 4 | 6,38 G | |
| | II. | |
| | 22h 31m | 100° 45' |
| 54 8-26 | 53s,60 G | 18",8 G |
| 8-27 | 53,92 G | |
| | III. | |
| | 22h 32m | 100° 40' |
| 79 9-24 | 41s,31 J | 39",0 J |

**32482 P. — 44255 et 57 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 22h 31m | 113° 30' |
| 55 9-23 | 53s,04 G | 21",5 G |
| | III. | |
| | 22h 32m | 113° 25' |
| 79 10-12 | 42s,37 J | 42",6 J |

**32483 P. — 44279-80 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 22h 31m | 82° 20' |
| 56 9- 5 | 59s,11 G | |
| 61 10- 3 | 59,34 G | |
| 10-12 | 59,30 G | 22",8 G |
| | III. | |
| | 22h 32m | 82° 15' |
| 79 10- 4 | 44s,29 M | 42",1 M |

**32484 P. — 44254 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 22h 31m | 119° 3' |
| 55 9-19 | 56s,18 G | |
| 58 11-10 | | 7",6 F |
| 61 10-24 | 56,30 G | 8,8 G |
| | III. | |
| | 22h 32m | 118° 58' |
| 80 9- 9 | 46s,36 M | 27",8 M |

**32485 P. — 44277-78 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 22h 32m | 94° 19' |
| 57 9-14 | | 62",2 G |
| 58 9- 8 | 0s,38 G | 61,8 G |
| 9-11 | | 59,4 F |
| 9-13 | | 57,8 F |
| 59 9-11 | 0,32 G | |
| | III. | |
| | 22h 32m | 94° 15' |
| 78 10-12 | 47s,05 J | 23",6 J |

**32486 P. — 44261 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 22h 31m | 119° 4' |
| 61 10-24 | 58s,43 G | 30",6 G |
| | III. | |
| | 22h 32m | 118° 59' |
| 79 10-26 | 48s,77 J | 50",7 J |

**32487 P. — 44289 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | I. | |
| | 22h 31m | 71° 16' |
| 39 8-20 | 22s,81 G | |
| 9- 7 | | 41",1 G |
| 9- 8 [1] | | 41,9 G |
| 9-13 | 22,73 G | |
| 9-18 | 22,74 G | |
| 40 9-20 | 22,61 G | |
| | II. | |
| | 22h 32m | 71° 12' |
| 56 8- 7 | 6s,24 G | |
| 57 7-12 | 6,21 G | |
| 10- 7 | 6,03 G | 3",8 G |
| 58 8-16 | 6,06 G | 4,3 G |
| 9- 8 | | 4,4 F |

[1] D. diminuée de 10'.

**32488 P. — 44306 à 08 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 22h 32m | 44° 48' |
| 80 9-27 | 49s,91 G | 55",5 G |
| 81 9-28 | 49,87 G | |

**32489 P. — 44285 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 22h 32m | 73° 37' |
| 56 8-14 | | 56",7 G |
| 57 9-20 | 6s,20 G | 56,3 G |

**32489 P. (suite).**

| A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 22h 32m | 73° 33' |
| 79 10-11 | 50s,40 G | 12",4 G |

**32490 P. — 44294 à 96 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 22h 32m | 61° 0' |
| 58 8-10 | 8s,59 G | |
| 8-30 | 8,53 G | |
| 10-29 | 8,62 G | 55",1 G |
| 11- 7 | 8,67 G | 54,5 G |

**32491 P. — 44311 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 22h 32m | 45° 27' |
| 80 9-29 | 52s,90 G | 57",2 G |
| 10-30 | 53,08 G | 58,0 G |
| 81 10-19 | 53,08 G | 57,5 G |

**32492 P. — 44300 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 22h 32m | 57° 10' |
| 59 11-23 | | 53",2 G |
| | III. | |
| | 22h 32m | 57° 6' |
| 73 11- 3 | 53s,54 G | |
| 74 9-19 | 53,53 G | 11",5 G |
| 11- 4 | 53,41 M | 14,4 M |
| 11- 5 | 53,55 M | 13,9 M |

**32493 P. — 44298 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 22h 32m | 60° 53' |
| 57 10- 1 | | 7",4 G |
| 58 8-10 | | 8,8 G |
| | III. | |
| | 22h 32m | 60° 48' |
| 80 9-13 | 53s,58 M | 27",2 M |
| 9-27 | 53,55 M | 27,5 M |

**32494 P. — 44276 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 22h 32m | 103° 20' |
| 54 9- 4 | | 9",8 G |
| 9- 5 | 6s,36 G | 10,9 G |
| | III. | |
| | 22h 32m | 103° 15' |
| 78 10-15 | 54s,75 M | 36",3 M |

**32495 P. — 44297 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 22h 32m | 65° 49' |
| 80 9-29 | 56s,77 J | 17",0 J |
| 81 10-18 | 56,72 J | 18,1 J |

**32496 P. — 44284 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 22h 32m | 87° 10' |
| 56 9- 1 | 11s,77 G | 49",4 G |
| | III. | |
| | 22h 32m | 87° 6' |
| 80 9-11 | 57s,62 M | 11",7 M |

**32497 P. — 44281 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | I. | |
| | 22h 31m | 98° 24' |
| 37 10- 3 | 23s,43 G | |
| 10- 4 | 23,38 G | 32",5 F |
| | II. | |
| | 22h 32m | 98° 19' |
| 56 8-24 | | 52",5 G |
| 61 10-28 | | 53,8 G |
| 62 9-12 | 10s,52 G | 52,9 G |
| | III. | |
| | 22h 32m | 98° 15' |
| 79 10- 7 | 57s,67 M | 15",3 M |

**32498 P. — 44315 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 22h 32m | 43° 55' |
| 81 10-22 | 58s,97 G | 57",8 G |
| 10-30 | | 58,6 G |

**32499 P. — 44316 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 22h 33m | 45° 58' |
| 80 9-10 | 7s,76 G | 48",2 G |
| 9-20 | 7,97 G | 48,8 G |

**32500 P. — 44292 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 22h 32m | 105° 16' |
| 54 8-29 | 26s,87 G | 20",5 G |
| 67 9-16 | 26,85 M | 24,4 M |
| 9-26 | 26,93 M | 23,4 M |

**32501 P. — 44318 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 22h 33m | 46° 20' |
| 79 9-26 | 18s,24 G | 16",2 G |

**32502 P. — 4648 A + 37°.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 22h 32m | 52° 6' |
| 66 9- 1 | 38s,07 G | |

### 32503 P. — 44301 L.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. Æ. | ℘. |
|---|---|---|
| **II.** | 22h 32m | 89° 41' |
| 57 8-13 | 36s,08 G | |
| 58 9- 9¹ | | 21",3 F |
| **III.** | 22h 33m | 89° 36' |
| 80 9-24 | 22s,07 M | 43",2 M |

¹ ℘ diminuée de 5'.

### 32504 P. — 44319-20 L.

| Dates 1800 + A. M. J. | Æ. | ℘. |
|---|---|---|
| **II.** | 22h 32m | 53° 21' |
| 67 9- 4 | 44s,87 G | 7",1 G |
| **III.** | 22h 33m | 53° 16' |
| 68 10-20 | 25s,43 G | 28",0 G |
| 10-22 | 25,39 G | 28,4 G |
| 80 10-12 | 25,39 M | 27,3 M |

### 32505 P. — 44309-10 L.

| Dates 1800 + A. M. J. | Æ. | ℘. |
|---|---|---|
| **II.** | 22h 32m | 87° 29' |
| 55 9-28 | 42s,50 G | 5",5 G |
| **III.** | 22h 33m | 87° 24' |
| 71 9- 4 | 28s,36 M | 27",8 M |

### 32506 P. — 44304-05 L.

| Dates 1800 + A. M. J. | Æ. | ℘. |
|---|---|---|
| **I.** | 22h 31m | 100° 10' |
| 37 9- 9 | 57s,05 G | 0",5 F |
| 9-20 | 57,09 G | |
| 9-27 | 57,05 G | |
| 39 8-24 | 57,01 G | 1,3 F |
| 8-25 | 57,00 G | |
| 10-25 | 56,90 G | |
| 40 9-12 | 56,97 G | |
| 9-16 | 57,20 G | |
| 10-30 | 57,16 G | |
| **II.** | 22h 32m | 100° 5' |
| 54 8-31 | | 21",9 G |
| 59 10-17 | 44s,62 G | |
| **III.** | 22h 33m | 100° 0' |
| 79 10-30 | 32s,15 J | 41",8 J |

### 32507 P. — 44313 L.

| Dates 1800 + A. M. J. | Æ. | ℘. |
|---|---|---|
| **II.** | 22h 32m | 89° 31' |
| 56 8-26 | 50s,71 G | |
| 8-29 | | 16",1 G |
| 10-25 | | 16,3 G |
| **III.** | 22h 33m | 89° 26' |
| 80 9-26 | 37s,01 M | 37",4 M |

### 32508 P. — 44329 L.

| Dates 1800 + A. M. J. | Æ. | ℘. |
|---|---|---|
| **II.** | 22h 32m | 51° 40' |
| 59 10-27 | | 41",6 G |
| 66 9-20 | 58s,94 G | |
| **III.** | 22h 33m | 51° 35' |
| 74 11- 6 | 39s,20 M | 58",9 M |
| 79 10-12 | 39,27 G | 59,3 G |

### 32509 P. — 44312 L.

| Dates 1800 + A. M. J. | Æ. | ℘. |
|---|---|---|
| **I.** | 22h 32m | 105° 24' |
| 41 10-21 | 4s,94 G | |
| **II.** | 22h 32m | 105° 19' |
| 54 9- 6 | 52s,99 G | 52",1 G |
| **III.** | 22h 33m | 105° 15' |
| 75 10-12 | 41s,14 M | 16",2 M |
| 10-16 | 41,09 M | 17,3 M |
| 10-23 | 41,05 M | 14,3 M |
| 11- 2 | 41,17 M | 16,3 M |

### 32510 P. — 44314 L.

| Dates 1800 + A. M. J. | Æ. | ℘. |
|---|---|---|
| **I.** | 22h 32m | 97° 20' |
| 42 10-17 | 7s,33 G | |
| 10-19 | 7,19 G | |
| 10-20 | 7,23 G | |
| **II.** | 22h 32m | 97° 15' |
| 57 8-11 | | 42",0 G |
| 61 9- 2 | 54s,26 G | 41,4 G |
| 9-26 | 54,43 G | 41,7 G |
| **III.** | 22h 33m | 97° 11' |
| 74 8-19 | 41s,17 G | |
| 76 10-16 | 41,15 M | 3",1 M |

### 32511 P. — 44330 L.

| Dates 1800 + A. M. J. | Æ. | ℘. |
|---|---|---|
| **III.** | 22h 33m | 55° 14' |
| 80 9-14 | 43s,34 J | 56",2 J |
| 9-26 | 43,44 J | 56,8 J |

### 32512 P. — 44322-23 L.

| Dates 1800 + A. M. J. | Æ. | ℘. |
|---|---|---|
| **I.** | 22h 32m | 71° 7' |
| 39 8-21 | 16s,72 G | |
| 8-23 | 16,68 G | |
| 9- 7 | 16,74 G | 27",2 F |
| 9- 8 | 16,64 G | 26,7 F |
| 9-13 | 16,72 G | 26,5 F |
| 10-18 | 16,64 G | |

### 32512 P. (suite).

| Dates 1800 + A. M. J. | Æ. | ℘. |
|---|---|---|
| **II.** | 22h 33m | 71° 2' |
| 54 8-21 | | 47",2 G |
| 56 9-20 | | 48,6 G |
| 57 10-20 | | 47,9 G |
| 58 9-11 | 0s,07 G | 48,5 G |
| 63 9-15 | | 49,7 G |
| 9-27 | | 48,3 G |
| 64 10-20 | | 48,8 G |
| 10-21 | | 49,5 G |
| 65 9-18 | | 48,4 G |
| 9-19 | | 49,6 G |
| 9-20 | | 49,4 G |
| 9-23 | | 50,1 G |
| 9-25 | | 49,5 G |
| **III.** | 22h 33m | 70° 58' |
| 79 10-16 | 43s,69 G | 7",9 G |

### 32513 P. — 691 $W_1$.

| Dates 1800 + A. M. J. | Æ. | ℘. |
|---|---|---|
| **III.** | 22h 33m | 102° 15' |
| 79 9- 2 | 44s,12 M | 21",6 M |
| 9- 3 | 43,93 M | 21,6 M |
| 10- 3 | 43,96 M | 21,3 M |

### 32514 P. — 44302-03 L.

| Dates 1800 + A. M. J. | Æ. | ℘. |
|---|---|---|
| **I.** | 22h 32m | 117° 50' |
| 37 9-13 | 4s,46 G | |
| 10-11 | 4,16 G | 58",1 F |
| 10-12 | 4,27 G | |
| 38 8-15 | 3,98 G | |
| 46 9-22 | 4,29 G | |
| 10-18 | 4,24 G | |
| 10-19 | 4,26 G | |
| 10-21 | | 62,6 G |
| 47 7-12 | 4,20 G | |
| 48 7-22 | 4,22 G | |
| **II.** | 22h 32m | 117° 46' |
| 57 8- 7 | 54s,20 G | 23",1 G |
| 58 9- 9 | 54,20 G | |
| 60 10-25 | 54,19 G | 21,6 G |

### 32515 P. — 44340-41 L.

| Dates 1800 + A. M. J. | Æ. | ℘. |
|---|---|---|
| **II.** | 22h 33m | 53° 22' |
| 66 9-28 | 11s,63 G | |
| **III.** | 22h 33m | 53° 17' |
| 80 10-24 | 52s,12 M | 47",1 M |
| 81 9-28 | 52,05 M | 47,0 M |

### 32516 P. — 44344-45 L.

| Dates 1800 + A. M. J. | Æ. | ℘. |
|---|---|---|
| **II.** | 22h 33m | 53° 8' |
| 61 10- 1¹ | | 7",4 G |
| 67 10-28 | | 5,7 G |

### 32516 P. (suite).

| Dates 1800 + A. M. J. | Æ. | ℘. |
|---|---|---|
| **III.** | 22h 33m | 53° 3' |
| 74 10-20 | 55s,13 M | 30",0 M |
| 78 10-16 | 55,19 M | 28,4 M |
| 10-17 | 55,19 M | 27,9 M |
| 81 10-17 | 55,20 J | 28,8 J |

¹ ℘ augmentée de 16": erreur de moy.

### 32517 P. — 44346 L.

| Dates 1800 + A. M. J. | Æ. | ℘. |
|---|---|---|
| **II.** | 22h 33m | 51° 58' |
| 59 11-20 | | 46",4 G |
| 61 9-27 | | 44,9 G |
| **III.** | 22h 33m | 51° 54' |
| 73 10- 9 | 55s,91 G | 6",2 G |
| 81 9-30 | 55,99 M | 5,8 M |
| 10- 1 | 56,05 M | 5,7 M |

### 32518 P. — 44317 L.

| Dates 1800 + A. M. J. | Æ. | ℘. |
|---|---|---|
| **II.** | 22h 33m | 107° 29' |
| 54 9-12 | | 56",0 G |
| **III.** | 22h 33m | 107° 25' |
| 79 10-16 | 56s,33 J | 20",0 J |
| 80 9- 2¹ | 56,36 M | 17,1 M |

¹ ℘ diminuée de 1°.

### 32519 P. — 44332 L.

| Dates 1800 + A. M. J. | Æ. | ℘. |
|---|---|---|
| **II.** | 22h 33m | 67° 51' |
| 58 9-24 | 13s,44 G | 2",7 G |
| **III.** | 22h 33m | 67° 46' |
| 80 9-30 | 56s,60 M | 24",2 M |

### 32520 P. — 773 $W_2$.

| Dates 1800 + A. M. J. | Æ. | ℘. |
|---|---|---|
| **III.** | 22h 33m | 53° 15' |
| 80 9-28 | 57s,43 J | 11",2 J |

### 32521 P. — 44325 et 28 L.

| Dates 1800 + A. M. J. | Æ. | ℘. |
|---|---|---|
| **II.** | 22h 33m | 86° 8' |
| 57 11- 4 | 20s,80 G | |
| 61 9-18 | | 57",0 G |
| 10- 5¹ | 20,79 G | |
| **III.** | 22h 34m | 86° 4' |
| 74 9- 9 | 6s,39 G | |
| 80 9-29 | 6,71 M | 18",7 M |
| 10- 1 | 6,64 M | 19,6 M |

¹ Æ augmentée de 0s,30 (*Voir* 31809 P.)

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜. — 𝒟.)

### 32522 P. — 44353-54 L.

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | $22^h34^m$ | 48°26' |
| 80 9-26 | $8^s,45$ G | 57",6 G |
| 81 10-17 | 8,22 G | |

### 32523 P. — 44335-36 L.

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $22^h33^m$ | 86°1' |
| 55 11- 2 | | 50",4 G |
| 56 9-26 | | 52,8 G |
| 61 9-18 | $25^s,57$ G | |
| 10- 5 | | 53,5 G |
| 11- 1 | 25,66 G | 53,3 G |

### 32524 P. — 44331 L.

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $22^h33^m$ | 90°47' |
| 61 9-30 | | 59",5 G |
| III. | $22^h34^m$ | 90°43' |
| 76 9-22 | $12^s,03$ G | 21",8 G |
| 9-23 | 12,08 G | 20,1 G |
| 10-14 | 12,12 G | 20,5 G |

### 32525 P. — 44324 L.

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $22^h33^m$ | 114°14' |
| 55 9-19 | | 57",3 G |
| 60 10-29 [1] | $24^s,48$ G | 55,9 G |
| III. | $22^h34^m$ | 114°10' |
| 81 10- 4 | $13^s,75$ M | 15",9 M |
| 11- 4 | 13,79 M | 17,6 M |

[1] 𝒟 diminuée de 1' : err. de réduct.

### 32526 P. — 44347 L.

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $22^h33^m$ | 66°20' |
| 58 11- 1 | $32^s,18$ G | 17",9 G |
| III. | $22^h34^m$ | 66°15' |
| 71 10-23 | $14^s,75$ G | 39",4 G |

### 32527 P. — 44337 à 39 L.

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | $22^h32^m$ | 94°21' |
| 45 7-21 | $46^s,57$ G | |
| II. | $22^h33^m$ | 94°16' |
| 57 8-30 | $33^s,25$ G | |

### 32527 P. (suite).

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | $22^h34^m$ | 94°12' |
| 76 9-20 | $19^s,85$ G | 14",7 G |
| 81 10- 5 | 19,61 M | 16,0 M |
| 10-19 | 19,52 M | 15,6 M |

### 32528 P. — 31395 Mn.

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $22^h33^m$ | 71°15' |
| 58 8-16 | $39^s,15$ G | |

### 32529 P. — 44351-52 L.

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $22^h33^m$ | 70°41' |
| 58 10- 5 | | 12",7 G |
| 10- 8 | | 13,5 G |
| 61 11- 3 | $43^s,75$ G | |
| III. | $22^h34^m$ | 70°36' |
| 79 10- 4 | $27^s,30$ G | 33",0 G |

### 32530 P. — 44357 L.

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | $22^h34^m$ | 58°51' |
| 81 7-13 | $30^s,80$ J | 46",9 J |
| 10- 1 | 30,97 J | 47,6 J |
| 10- 4 | 30,99 J | 46,8 J |

### 32531 P. — 44439 L.

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | $22^h33^m$ | 15°25' |
| 53 3-12 I | $52^s,84$ G | |
| 3-15 I | 52,83 G | |
| 3-24 I | 52,82 G | |
| 4-20 I | 53,14 G | |
| 4-25 I | 52,60 G | |
| 7-19 | 52,89 G | |
| 7-23 | 52,37 G | |
| 8- 8 | 53,01 G | |
| 8- 9 | 53,03 G | |
| 9-11 | 53,36 G | |

### 32532 P. — 44361-62 L.

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | $22^h34^m$ | 53°7' |
| 80 10-24 | $33^s,88$ J | 23",9 J |
| 81 10-15 | 33,71 J | 23,1 J |

### 32533 P. — 44358-59 L.

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | $22^h34^m$ | 62°26' |
| 80 9-11 | $34^s,25$ J | 15",7 J |

### 32534 P. — 44363 L.

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | $22^h34^m$ | 55°5' |
| 84 10- 5 | $34^s,97$ J | 35",8 J |

### 32535 P. — 44356 L.

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $22^h33^m$ | 76°11' |
| 58 10- 9 | | 7",7 G |
| III. | $22^h34^m$ | 76°6' |
| 79 9-30 | $41^s,13$ G | 25",9 G |
| 10- 7 | 41,05 G | |
| 81 10-10 | 41,03 M | 24,8 M |
| 10-22 | 41,12 M | 25,6 M |

### 32536 P. — 44367 L.

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | $22^h34^m$ | 63°54' |
| 81 9-13 | $45^s,37$ J | 48",5 J |
| 9-29 | 45,25 J | 47,9 J |

### 32537 P. — 44349-50 L.

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $22^h34^m$ | 102°57' |
| 54 9- 8 | | 34",0 G |
| 9-26 | $0^s,69$ G | |
| 55 9-16 | | 31,6 G |
| III. | $22^h34^m$ | 102°52' |
| 79 10- 6 | $48^s,31$ J | 54",5 J |

### 32538 P. — 44370 L.

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $22^h34^m$ | 65°16' |
| 58 9-10 | $6^s,25$ G | 43",1 G |
| III. | $22^h34^m$ | 65°12' |
| 79 10- 6 | $49^s,01$ M | 3",8 M |

### 32539 P. — 44355 L.

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $22^h34^m$ | 106°20' |
| 54 9-25 | $10^s,25$ G | 51",5 G |
| III. | $22^h34^m$ | 106°16' |
| 78 9-18 | $58^s,26$ M | 18",0 M |
| 9-29 | 58,39 M | 17,8 M |

### 32540 P. — 44371 L.

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $22^h34^m$ | 75°14' |
| 58 9-12 | | 36",7 G |

### 32540 P. (suite).

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | $22^h34^m$ | 75°9' |
| 84 9-13 | $58^s,89$ M | 55",9 M |

### 32541 P. — 44386-87 L.

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | $22^h35^m$ | 46°22' |
| 73 11-10 | $2^s,17$ G | |
| 11-11 | 2,19 M | 30",3 M |
| 11-13 | 2,09 M | 32,2 M |
| 11-15 | 2,08 M | 33,6 M |
| 81 10- 1 | 2,13 G | 32,8 G |
| 10- 4 | 1,91 G | 33,0 G |

### 32542 P. — 44379 L.

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | $22^h35^m$ | 65°26' |
| 80 10-18 | $3^s,43$ J | 25",7 J |

### 32543 P. — 44376 et 78 L.

42 ζ Pégase.

Étoile fondamentale.

### 32544 P. — 44393 L.

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $22^h34^m$ | 53°39' |
| 66 9-26 | $40^s,23$ G | 29",7 G |
| III. | $22^h35^m$ | 53°34' |
| 81 10-10 | $20^s,84$ J | 50",8 J |

### 32545 P. — 44368 L.

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $22^h34^m$ | 118°6' |
| 55 9-24 | $33^s,71$ G | 44",4 G |

### 32546 P. — 44373 à 75 L.

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | $22^h33^m$ | 100°56' |
| 39 8-25 | $50^s,39$ G | |
| II. | $22^h34^m$ | 100°51' |
| 54 9-16 | $37^s,63$ G | |
| 57 9- 9 | | 21",6 G |
| 60 9-29 | 37,77 G | 21,8 G |
| 67 9-27 | 37,90 M | 21,8 M |

### 32547 P. — 44389 L.

| Dates 1800 + A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | $22^h35^m$ | 66°48' |
| 81 10-18 | $27^s,00$ J | 19",4 J |
| 10-22 | 26,86 J | 17,6 J |

**32548 P. — 44397 L.**

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. Æ. | D. |
|---|---|---|
| | II. | |
| | 22h34m | 57°55' |
| 59 11-10 | | 48",7 G |

**32549 P. — 44401 L.**

| Dates 1800+ A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 22h34m | 48°7' |
| 67 10-10 | 47s,87 M | 53",4 M |

**32550 P. — 44382 L.**

| Dates 1800+ A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 22h35m | 95°45' |
| 76 10-14 | 35s,66 M | 11",2 M |
| 79 9-25 | 35,66 J | 12,1 J |

**32551 P. — 44383 à 85 L.**

| Dates 1800+ A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 22h34m | 94°12' |
| 55 8-20 | | 12",5 G |
| 58 9-13 | | 11,4 F |
| | III. | |
| | 22h35m | 94°7' |
| 78 9-21 | 38s,33 G | |
| 79 10-12 | 38,41 J | 33",2 J |

**32552 P. — 44414 L.**

| Dates 1800+ A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 22h35m | 51°54' |
| 59 11-20 | | 46",8 G |

**32553 P. — 44398 L.**

| Dates 1800+ A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 22h35m | 76°12' |
| 56 9-8 | | 48",1 G |
| 61 10-10 [1] | 2s,72 G | 48,6 G |
| 10-24 | 2,87 G | 48,7 G |
| 62 10-1 | 2,64 G | 48,9 G |

[1] D. diminuée de 5'.

**32554 P. — 44411-12 L.**

| Dates 1800+ A. M. J. | Æ. | D. |
|---|---|---|
| | I. | |
| | 22h34m | 61°29' |
| 43 8-8 | 29s,23 G | 58",6 G |
| 8 9 | 29,12 G | |
| 8-11 | | 59,2 F |
| 8-12 | 29,17 G | 61,6 F |
| | II. | |
| | 22h35m | 61°25' |
| 59 8-22 | | 20",3 G |
| 9-11 | 11s,19 G | 19,2 G |

**32555 P. — 44391-92 L.**

| Dates 1800+ A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 22h35m | 103°17' |
| 54 9-10 | | 25",0 G |
| 61 10-3 | 7s,37 G | 26,9 G |
| | III. | |
| | 22h35m | 103°12' |
| 79 10-26 | 55s,04 J | 45",5 J |

**32556 P. — 44394-95 L.**

| Dates 1800+ A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 22h35m | 100°38' |
| 62 9-12 | 8s,53 G | 58",4 G |
| 67 9-26 | 8,61 M | 57,9 M |

**32557 P. — 44406-07 L.**

| Dates 1800+ A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 22h36m | 85°28' |
| 71 9-19 | 1s,37 M | 46",4 M |
| 74 9-9 | 1,62 G | 46,3 G |
| 9-12 | 1,55 M | 45,9 M |
| 10-8 | 1,50 M | 45,6 M |

**32558 P. — 44415 L.**

| Dates 1800+ A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 22h35m | 68°37' |
| 58 11-11 | 18s,63 G | 44",8 G |

**32559 P. — 44400 L.**

| Dates 1800+ A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 22h35m | 112°23' |
| 55 9-19 | 24s,99 G | |
| 58 10-6 | | 22",4 G |
| | III. | |
| | 22h36m | 112°18' |
| 79 10-30 | 13s,99 J | 41",6 J |

**32560 P. — 44416 L.**

| Dates 1800+ A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 22h35m | 90°39' |
| 57 9-14 | | 33",3 G |
| | III. | |
| | 22h36m | 90°34' |
| 78 10-12 [1] | 18s,32 J | 54",2 J |

[1] Æ diminuée de 1s : correction indiquée comme probable par l'observateur.

**32561 P. — 44413 L.**

| Dates 1800+ A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 22h35m | 103°4' |
| 54 9-1 | | 52",9 G |
| | III. | |
| | 22h36m | 103°0' |
| 78 9-19 | 19s,39 M | 10",8 M |

**32562 P. — 44441 L.**

| Dates 1800+ A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 22h36m | 57°26' |
| 80 9-27 | 23s,13 J | 4",9 J |
| 81 9-16 | 23,18 J | 5,5 J |
| 10-31 | 23,12 J | 6,4 J |

**32563 P. — 44409 L.**

| Dates 1800+ A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 22h35m | 103°3' |
| 54 8-25 | 35s,43 G | |

**32564 P. — 44408 L.**

| Dates 1800+ A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 22h35m | 116°23' |
| 58 10-31 | 34s,32 G | |

**32565 P. — 44421 L.**

| Dates 1800+ A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 22h35m | 90°29' |
| 58 9-11 | | 57",9 F |
| | III. | |
| | 22h36m | 90°25' |
| 80 9-11 | 24s,71 M | 18",0 M |
| 9-24 | 24,80 M | 19,2 M |

**32566 P. — 44417 à 19 L.**

| Dates 1800+ A. M. J. | Æ. | D. |
|---|---|---|
| | I. | |
| | 22h34m | 100°54' |
| 39 8-25 | 51s,67 G | |
| 10-18 | 51,84 G | |
| 40 10-30 | 51,93 G | |
| | II. | |
| | 22h35m | 100°50' |
| 54 8-27 | 39s,00 G | 6",1 G |
| 67 9-16 | 39,06 M | 5,6 M |

**32567 P. — 44445 L.**

| Dates 1800+ A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 22h36m | 55°32' |
| 81 10-17 | 27s,55 J | 21",1 J |

**32568 P. — 44432 L.**

| Dates 1800+ A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 22h35m | 76°41' |
| 58 10-4 | | 47",9 G |
| 60 10-29 | 44s,53 G | 47,3 G |

**32569 P. — 44427 L.**

| Dates 1800+ A. M. J. | Æ. | D. |
|---|---|---|
| | I. | |
| | 22h34m | 84°7 |
| 40 10-31 | 59s,89 G | |

**32570 P. — 44447 L.**

| Dates 1800+ A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 22h36m | 53°24' |
| 74 10-16 | 30s,51 M | 21",9 M |
| 11-4 | 30,59 M | 21,8 M |

**32571 P. — 44426 L.**

| Dates 1800+ A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 22h36m | 90°14' |
| 76 9-23 | 32s,55 G | 47",2 G |
| 10-14 | 32,60 G | 47,5 G |

**32572 P. — 44430-31 L.**

| Dates 1800+ A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 22h35m | 85°45' |
| 55 11-2 [1] | 47s,63 G | 47",8 G |
| 58 9-13 | 47,63 G | 46,8 G |

[1] D. diminuée de 10" : erreur de réduct.

**32573 P. — 762 $W_1$.**

| Dates 1800+ A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 22h35m | 79°51' |
| 58 9-19 [1] | 48s,79 G | |
| 10-29 | 48,98 G | |
| 59 8-21 [2] | 49,00 G | |
| 9-24 | 48,89 G | |
| 10-22 | 48,48 G | |

[1] Erreur de 4° dans la déclinaison approchée indiquée (dist. des fils).
[2] Erreur de 47' dans la déclinaison approchée indiquée. Le cahier-minute porte ✱ $h = 51°15'$.

**32574 P. — 44424 L.**

| Dates 1800+ A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 22h35m | 106°37' |
| 54 9-7 | | 46",8 G |
| 9-27 | 53s,06 G | 44,9 G |
| | III. | |
| | 22h36m | 106°33' |
| 79 10-4 | 41s,40 M | 2",9 M |
| 10-7 | 41,30 M | 2,6 M |

**32575 P. — 44433-34 L.**

| Dates 1800+ A. M. J. | Æ. | D. |
|---|---|---|
| | I. | |
| | 22h35m | 97°46' |
| 39 8-20 | 8s,36 G | |
| 9-7 | 8,56 G | 19",3 F |
| | II. | |
| | 22h35m | 97°41' |
| 55 9-9 | 55s,37 G | |
| 57 8-6 | 55,45 G | 40",0 G |
| 11-24 [1] | 55,47 G | 40,2 G |
| 58 9-9 | | 39,5 F |
| 61 9-26 | 55,56 G | 41,8 G |
| 10-12 | 55,51 G | 40,2 G |
| 66 10-20 | 55,61 M | 41,0 M |
| 10-20 | | 41,1 G |

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|

### 32575 P. (suite).

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 22h36m | 97°36′ |
| 76 10-16 | 42s,61 M | 60″,4 M |
| 78 10- 8 | 42,55 M | 59,9 M |

[1] 𝒟 diminuée de 6″ : erreur de transcr.

### 32576 P. — 44442 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 22h36m | 88°38′ |
| 56 9-26 | 0s,33 G | |
| III. | 22h36m | 88°34′ |
| 79 10-16 | 46s,29 J | 6″,9 J |
| 80 9-27 | 46,52 M | 8,2 M |

### 32577 P. — 44453-54 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 22h36m | 43°35′ |
| 80 9-29 | 47s,15 G | 8″,1 G |
| 81 9-28 | 47,15 G | 9,5 G |

### 32578 P. — 44435 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 22h36m | 106°52′ |
| 54 9- 2 | 2s,24 G | 8″,2 G |
| III. | 22h36m | 106°47′ |
| 78 10-17 | 50s,55 M | 25″,8 M |

### 32579 P. — 44436 à 38 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 22h35m | 109°38′ |
| 39 8-24 | 14s,36 G | 24″,0 F |
| II. | 22h36m | 109°33′ |
| 54 9- 6 | 2s,94 G | 40″,5 G |
| III. | 22h36m | 109°28′ |
| 80 9- 2 | 51s,44 M | 59″,2 M |

### 32580 P. — 44448 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 22h35m | 76°2′ |
| 40 10-10 | 23s,15 G | |
| 10-12 | 23,17 G | |
| 10-13 | 23,24 G | |

### 32581 P. — 44455 à 57 L.

44 η Pégase.

Étoile fondamentale.

### 32582 P. — 770 W1.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 22h35m | 73°33′ |
| 40 10-25 | 42s,93 G | |

### 32583 P. — 44464-65 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 22h36m | 53°17′ |
| 59 10-27 | | 4″,1 G |
| 11-18 | | 5,2 G |
| 60 10-25 | | 6,8 G |
| 62 9- 6 | 31s,99 G | 4,7 G |
| 66 9-20 | 32,03 G | |
| III. | 22h37m | 53°12′ |
| 73 10- 9 | 12s,57 G | 23″,1 G |

### 32584 P. — 44466-67 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 22h37m | 52°51′ |
| 80 9-11 | 14s,80 J | 3″,4 J |
| 81 10- 4 | 14,76 J | 4,0 J |

### 32585 P. — 44470 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 22h36m | 55°24′ |
| 59 11-20 | | 6″,6 G |
| III. | 22h37m | 55°19′ |
| 80 9-29 | 20s,91 M | 24″,2 M |
| 9-30 | 20,90 M | 26,2 M |

### 32586 P. — 44469 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 22h37m | 57°22′ |
| 68 10-20 | 23s,30 G | |
| 10-22 | 23,49 G | 11″,9 G |
| 74 9-12 | 23,43 G | 9,9 G |

### 32587 P. — 44473 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 22h36m | 51°57′ |
| 59 11-10 | | 48″,8 G |
| III. | 22h37m | 51°53′ |
| 80 10- 1 | 24s,36 M | 6″,8 M |
| 81 9-28 | 24,47 M | 7,7 M |
| 9-30 | 24,43 M | 7,2 M |

### 32588 P. — 31482 Mn1.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 22h35m | 103°29′ |
| 41 10-19 | 50s,37 G | |
| 10-20 | 50,36 G | |

### 32589 P. — 44478 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 22h37m | 40°30′ |
| 81 10-22 | 26s,25 G | 42″,8 G |

### 32590 P. — 9299 Sj.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 22h36m | 86°55′ |
| 61 9-18 | 41s,68 G | |

### 32591 P. — 44458-59 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 22h36m | 86°51′ |
| 55 9-17 | | 32″,4 G |
| 61 9-18 | | 32,5 G |
| III. | 22h37m | 86°46′ |
| 71 10-16 | 28s,77 M | 47″,8 M |

### 32592 P. — 44463 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 22h35m | 79°51′ |
| 40 8-30 | 59s,53 G | |
| 8-31 | 59,43 G | |
| 10- 6 | | 54″,1 F |
| 41 8-27 | 59,43 G | |
| 9- 9 | 59,39 G | |
| 9-11 | 59,53 G | |
| 9-13 | 59,48 G | |
| 9-18 | 59,23 G | |
| 42 10- 5 | 59,47 G | |
| 10- 6 | 59,58 G | |
| 10- 7 | 59,52 G | |
| 10- 8 | 59,45 G | |
| 10- 9 | 59,43 G | |
| 10-10 | 59,43 G | |
| 10-11 | 59,46 G | |
| 44 10-31 | 59,36 G | |
| 48 12- 3 | 59,46 G | |
| 49 9-25 | 59,35 G | |
| 9-26 | 59,49 G | |
| 53 10-23 | 59,30 G | |
| 10-26 | 59,30 G | |
| II. | 22h36m | 79°47′ |
| 58 8-12 | 44s,17 G | 12″,2 G |
| 59 10-22 | 44,04 G | |
| 60 9- 9 | 44,36 G | 14,2 G |
| 10-26 | 44,21 G | 14,5 G |
| 11- 3 | 44,22 G | 14,2 G |

### 32593 P. — 44471 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 22h36m | 64°56′ |
| 58 9-10 | 50s,19 G | 54″,3 G |
| III. | 22h37m | 64°52′ |
| 79 10- 6 | 33s,02 M | 12″,9 M |

### 32594 P. — 44452 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 22h36m | 114°29′ |
| 58 11- 2 | | 54″,3 G |
| III. | 22h37m | 114°25′ |
| 81 10- 4 | 35s,92 M | 11″,3 M |
| 10- 5 | 35,96 M | 10,9 M |

### 32595 P. — 44461 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 22h36m | 93°15′ |
| 57 8-10 | 50s,17 G | |
| III. | 22h37m | 93°11′ |
| 78 9-27 | 36s,86 G | 10″,8 G |
| 80 8-31 | 36,94 M | 9,1 M |

### 32596 P. — 44460 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 22h36m | 99°45′ |
| 58 9- 9 | 52s,86 G | |
| III. | 22h37m | 99°40′ |
| 79 10- 6 | 40s,14 J | 37″,9 J |

### 32597 P. — 44484-85 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 22h37m | 43°29′ |
| 72 9-26 | 40s,78 M | 8″,6 M |
| 74 9-24 | 40,76 M | 7,6 M |
| 10- 7 | 40,69 M | 7,9 M |
| 10-12 | 40,65 M | 7,9 M |

### 32598 P. — 44462 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 22h36m | 99°47′ |
| 58 9- 9 | 54s,55 G | 45″,4 G |
| III. | 22h37m | 99°43′ |
| 80 9- 1 | 41s,93 M | 3″,5 M |
| 81 10-15 | 41,99 M | 7,6 M |

### 32599 P. — 44468 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 22h37m | 91°41′ |
| 56 8-24 | | 9″,4 G |
| III. | 22h37m | 91°36′ |
| 79 9-27 | 46s,56 J | 28″,2 J |
| 10-12 | 46,41 J | 30,0 J |
| 80 9-10 | 46,43 J | 28,8 J |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜., 𝒫.)

**32600 P. — 44476 L.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $22^h 37^m$ | 60°38' |
| 58 9-24 | 4s,01 G | 27",6 G |
| III. | $22^h 37^m$ | 60°33' |
| 80 9-13 | 46s,50 M | 47",1 G |

**32601 P. — 44472 L.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $22^h 36^m$ | 84°4' |
| 40 11- 3 | 15s,83 G | |
| II. | $22^h 37^m$ | 83°59' |
| 56 10-19 | | 39",6 G |
| 57 10- 7 | | 39,3 G |
| III. | $22^h 37^m$ | 83°54' |
| 79 9-25[1] | 46s,77 G | 57",9 G |
| 10- 7 | 46,78 G | |
| 10-11 | 46,80 G | 59,4 G |

[1] 𝒜 augmentée de 0s,60 : erreur de 1s sur trois fils.

**32602 P. — 44480 L.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $22^h 37^m$ | 63°2' |
| 58 8-31 | 12s,11 G | |
| 11- 1 | 11,84 G | 49",6 G |
| III. | $22^h 37^m$ | 62°58' |
| 79 10- 4 | 54s,28 G | 10",9 G |

**32603 P. — 44483 L.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $22^h 37^m$ | 61°8' |
| 58 9-15 | 15s,08 G | |
| 61 10-16 | 14,98 G | |
| 10-18 | 15,22 G | 37",9 G |
| 11- 1 | 15,10 G | 37,4 G |

**32604 P. — 44489 L.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $22^h 37^m$ | 56°48' |
| 66 9-28 | 21s,04 G | |
| III. | $22^h 38^m$ | 56°43' |
| 68 10-10 | 2s,51 G | 41",6 G |
| 10-13 | 2,54 G | 41,6 G |

**32605 P. — 44497 L.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $22^h 38^m$ | 44°37' |
| 81 10-17 | 2s,86 G | 42",2 G |

**32606 P. — 44474 L.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $22^h 36^m$ | 98°25' |
| 41 10-21 | 29s,44 G | |
| II. | $22^h 37^m$ | 98°21' |
| 58 8-27 | | 3",8 F |
| 9-26 | 16s,53 G | 3,3 G |
| 59 11-18 | 16,80 G | |
| 60 10- 6 | 16,44 G | 2,9 G |
| 61 11-21 | 16,71 G | 3,6 G |
| III. | $22^h 38^m$ | 98°16' |
| 76 9-23 | 3s,71 M | 21",6 M |
| 10-14 | 3,60 M | 22,5 M |

**32607 P. — 44487 L.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $22^h 38^m$ | 61°22' |
| 80 9- 5 | 3s,82 J | 38",1 J |
| 9-13 | 3,99 J | 39,3 J |
| 81 10-18 | 3,77 J | 39,1 J |

**32608 P. — 44492-93 L.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $22^h 38^m$ | 52°57' |
| 68 10-27 | 5s,31 G | 19",0 G |
| 10-28 | 5,30 G | 19,7 G |

**32609 P. — 44505 L.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $22^h 38^m$ | 46°7' |
| 80 9-26 | 9s,46 G | 28",0 G |
| 81 10-15 | 9,57 G | 29,5 G |

**32610 P. — 44481-82 L.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $22^h 37^m$ | 85°51' |
| 57 8-22 | 25s,55 G | |
| 58 8-27 | 25,49 G | 33",0 G |
| 59 8-28 | 25,53 G | 33,4 G |
| III. | $22^h 38^m$ | 85°46' |
| 69 10- 5 | | 50",2 G |

**32611 P. — 44488 L.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $22^h 37^m$ | 69°47' |
| 56 8-30 | 29s,15 G | |
| 9-20 | | 48",8 G |
| III. | $22^h 38^m$ | 69°43' |
| 71 9- 9 | 13s,00 G | |
| 9-14 | 12,87 G | |

**32612 P. — 44494 L.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $22^h 37^m$ | 63°8' |
| 58 8-31 | 31s,23 G | |
| 11-22 | 31,29 G | 9",0 G |
| III. | $22^h 38^m$ | 63°3' |
| 79 10-16 | 13s,74 G | 26",3 G |

**32613 P. — 10277 Y.F.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $22^h 38^m$ | 104°14' |
| 78 11- 3[1] | 13s,77 M | 55",4 M |

[1] Différence de 1' en distance polaire avec le Catalogue *Yarnall-Frisby*.

**32614 P. — 44509 L.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $22^h 38^m$ | 43°14' |
| 81 10- 1 | 18s,14 G | 34",2 G |
| 10- 4 | 17,90 G | 36,7 G |

**32615 P. — 44491 L.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $22^h 37^m$ | 76°26' |
| 58 8-24 | 34s,54 G | 34",4 G |
| 9- 8 | | 34,1 F |
| 9-27 | 34,59 G | 34,9 G |
| 10- 1 | 34,42 G | 33,4 G |
| 10- 8 | | 35,3 G |

**32616 P. — 44499 L.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $22^h 37^m$ | 61°7' |
| 58 9-15 | 38s,00 G | |
| 61 11- 2 | 37,91 G | 23",2 G |
| 62 9-15 | 38,14 G | 22,4 G |

**32617 P. — 44508 L.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $22^h 37^m$ | 51°16' |
| 66 9- 5 | 46s,42 G | |
| 10- 8 | 46,33 G | 0",6 G |
| 10- 9 | 46,29 G | 2,1 G |
| III. | $22^h 38^m$ | 51°11' |
| 73 10- 8 | 26s,71 G | 20",4 G |
| 10-16 | 26,66 G | 18,7 G |
| 10-17 | 26,73 G | 20,4 G |
| 79 11- 2 | 26,62 G | 21,2 G |

**32618 P. — 44503 L.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $22^h 37^m$ | 68°46' |
| 58 10-16 | 43s,66 G | 53",5 G |

**32618 P. (suite).**

| Dates 1800 + A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | $22^h 38^m$ | 68°42' |
| 71 11-20 | 26s,76 G | |
| 74 9-17 | | 11",9 G |

**32619 P. — 44496 L.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $22^h 37^m$ | 76°52' |
| 57 10-20 | 44s,07 G | 17",3 G |
| III. | $22^h 38^m$ | 76°47' |
| 79 10-11 | 28s,58 M | 36",2 M |

**32620 P. — 44511-12 et 16 L.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | $22^h 37^m$ | 48°59' |
| 50 9- 9 | | 34",2 G |
| 52 11- 6 | 11s,17 G | |
| 53 8-24 | 11,49 G | |
| III. | $22^h 38^m$ | 48°50' |
| 80 9-10 | 31s,37 G | 8",7 G |
| 11- 4 | 31,13 G | 10,5 G |

**32621 P. — 44495 L.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $22^h 37^m$ | 91°28' |
| 56 10-28 | 47s,64 G | |
| 57 8-20 | 47,58 G | |
| 11-15 | 47,66 G | 0",0 G |
| III. | $22^h 38^m$ | 91°23' |
| 76 9-20 | 34s,12 G | 19",0 G |
| 9-21 | 33,99 G | 18,3 G |
| 9-22 | 34,18 G | 18,7 G |
| 10-16 | 34,07 G | 19,3 G |

**32622 P. — 44490 L.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $22^h 37^m$ | 98°17' |
| 58 9- 8 | 46s,92 G | |
| 59 11-18 | 47,16 G | |
| 61 9-30 | 46,93 G | 59",7 G |
| III. | $22^h 38^m$ | 98°13' |
| 79 9-18 | 34s,12 J | 19",1 J |

**32623 P. — 44504 L.**

| Dates 1800 + A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | $22^h 37^m$ | 77°24' |
| 59 9- 8 | 50s,10 G | |
| 11-12 | 50,17 G | 39",4 G |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜, 𝒟)

### 32624 P. — 44486 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | I. | |
| | | $22^h 37^m$ | 116°2′ |
| 39 | 8-25 | $1^s$,60 G | |
| | 9-11 | 1,74 G | 59″,3 F |
| | 9-15 | 1,65 G | |
| | 9-18 | 1,66 G | |
| 41 | 10-11 | 1,79 G | |
| | 10-12 | 1,63 G | 60,5 F |
| 48 | 12-10 | 1,50 G | |
| 50 | 8-23[1] | 1,65 G | 60,8 G |
| | | II. | |
| | | $22^h 37^m$ | 115°58′ |
| 55 | 9-23 | $50^s$,91 G | 20″,9 G |
| | | III. | |
| | | $22^h 38^m$ | 115°53′ |
| 79 | 9-25 | $40^s$,77 J | 36″,7 J |
| | 9-30 | 40,94 J | 36,7 J |

[1] 𝒜 augmentée de $1^m$.

### 32625 P. — 10283 Y.F.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | II. | |
| | | $22^h 37^m$ | 104°18′ |
| 54 | 9-12 | | 16″,5 G |

### 32626 P. — 44500 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | II. | |
| | | $22^h 37^m$ | 100°22′ |
| 54 | 9-16 | $59^s$,39 G | |
| 58 | 9-11 | | 42″,1 G |
| | 9-27 | | 43,9 F |
| | 10-6 | | 43,3 G |
| | | III. | |
| | | $22^h 38^m$ | 100°18′ |
| 78 | 9-12 | $46^s$,64 M | 2″,0 M |
| | 9-29 | 46,64 M | 2,7 M |

### 32627 P. — 44498 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | II. | |
| | | $22^h 37^m$ | 106°18′ |
| 54 | 9-26 | $59^s$,57 G | 58″,5 G |
| | | III. | |
| | | $22^h 38^m$ | 106°14′ |
| 79 | 10-7 | $47^s$,70 M | 17″,8 M |

### 32628 P. — 44501-02 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | II. | |
| | | $22^h 38^m$ | 103°44′ |
| 54 | 11-3 | $1^s$,50 G | |
| 60 | 9-20 | 1,54 G | 26″,6 G |
| | 10-3 | 1,42 G | |
| | 10-22 | 1,51 G | |
| 67 | 9-26 | 1,54 M | 24,2 M |
| | | III. | |
| | | $22^h 38^m$ | 103°39′ |
| 75 | 10-6 | $49^s$,29 M | 42″,8 M |
| | 10-8 | 49,24 M | 44,1 M |
| | 10-23 | 49,26 M | 43,4 M |
| | 11-2 | 49,26 M | 44,6 M |

### 32629 P. — 4599 A + 23°.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | II. | |
| | | $22^h 38^m$ | 66°24′ |
| 57 | 10-22 | $6^s$,59 G | |

### 32630 P. — 44518 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | II. | |
| | | $22^h 38^m$ | 66°21′ |
| 57 | 10-22 | $8^s$,09 G | |
| | 12-19 | 8,05 G | 19″,9 G |
| 58 | 11-4 | | 20,2 G |
| | 11-7 | 7,92 G | |
| 59 | 11-13 | | 19,5 G |

### 32631 P. — 44506 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | II. | |
| | | $22^h 38^m$ | 91°54′ |
| 55 | 9-22 | $7^s$,98 G | |
| 58 | 9-9 | | 41″,8 F |
| | 9-11 | | 43,4 F |
| 61 | 10-14 | 8,05 G | 43,6 G |
| | | III. | |
| | | $22^h 38^m$ | 91°50′ |
| 78 | 9-20 | $54^s$,22 G | |
| | 9-21 | 54,35 G | |
| | 10-2 | 54,25 J | 3″,3 J |
| | 10-16 | 54,12 J | 2,6 J |

### 32632 P. — 44510 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | II. | |
| | | $22^h 38^m$ | 84°19′ |
| 56 | 8-5 | $9^s$,49 G | |
| 61 | 9-27 | 9,51 G | 51″,4 G |
| | 10-3 | 9,52 G | 53,7 G |
| | 10-19 | 9,62 G | |

### 32633 P. — 44530 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | III. | |
| | | $22^h 38^m$ | 41°14′ |
| 81 | 11-9 | $57^s$,51 G | 37″,6 G |

### 32634 P. — 44517 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | I. | |
| | | $22^h 37^m$ | 79°7′ |
| 40 | 10-6 | | 37″,0 F |
| | | II. | |
| | | $22^h 38^m$ | 79°2′ |
| 56 | 9-16 | $12^s$,85 G | |
| 58 | 9-25 | 12,80 G | 50″,8 G |
| | 10-9 | | 50,5 G |

### 32635 P. — 44513 à 15 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | II. | |
| | | $22^h 38^m$ | 87°2′ |
| 55 | 9-28 | $14^s$,65 G | |
| | 10-16[1] | 15,61 G | 40″,0 G |
| 61 | 9-26 | 14,87 G | 39,1 G |

### 32635 P. (suite).

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | III. | |
| | | $22^h 39^m$ | 86°57′ |
| 71 | 9-19 | $0^s$,44 M | 58″,9 M |

[1] 𝒜 non comprise dans la moyenne. erreur probable de $1^s$.

### 32636 P. — 11381 Leipzig II.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | II. | |
| | | $22^h 38^m$ | 82°59′ |
| 61 | 10-24 | $16^s$,63 G | 46″,2 G |

### 32637 P. — 44629 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | I. | |
| | | $22^h 38^m$ | 9°25′ |
| 52 | 11-25 | | 7″,2 G |
| | 11-25 | | 6,4 F |
| | 11-27 | | 5,9 G |
| | 11-27 | | 6,6 F |
| | 11-27 I | | 6,0 G |
| | 11-27 I | | 3,8 F |
| | 12-8 I | | 5,8 G |
| | 12-8 I | | 5,1 F |
| | 12-10 | | 4,7 F |
| | 12-10 I | | 6,5 G |
| | 12-10 I | | 6,2 F |
| | 12-11 | | 4,4 G |
| | 12-11 I | | 6,3 G |
| | 12-11 I | | 4,6 F |
| | 12-13 I | | 8,4 F |
| | 12-17 | | 6,1 F |
| | 12-18 | | 5,4 G |
| | 12-18 | | 4,8 F |
| 53 | 4-27 I | $58^s$,99 G | |
| | 5-6 I | 58,25 G | |
| | 7-21 | 57,67 G | |
| | 8-6 | 58,52 G | |
| | 9-12 | 57,87 G | |
| | 9-17 | 57,77 G | |
| | 9-19 | 58,49 G | |
| | | II. | |
| | | $22^h 39^m$ | 9°20′ |
| 54 | 1-24 I | $2^s$,06 G | |

### 32638 P. — 44534 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | II. | |
| | | $22^h 38^m$ | 51°31′ |
| 59 | 11-10 | | 57″,1 G |
| | 11-18 | | 58,8 G |
| | 11-20 | | 57,8 G |
| 61 | 10-4 | $32^s$,88 G | 57,4 G |
| | | III. | |
| | | $22^h 39^m$ | 51°27′ |
| 73 | 10-28 | $13^s$,34 G | |
| | 11-3 | 13,54 G | |

### 32639 P. — 44520 à 22 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | II. | |
| | | $22^h 38^m$ | 87°6′ |
| 57 | 11-4 | $30^s$,97 G | |
| 58 | 11-11 | | 14″,1 G |
| 61 | 10-10 | 30,95 G | 14,1 G |

### 32639 P. (suite).

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | III. | |
| | | $22^h 39^m$ | 87°1′ |
| 71 | 10-12 | $16^s$,77 M | 32″,6 M |

### 32640 P. — 44602 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | III. | |
| | | $22^h 39^m$ | 15°13′ |
| 81 | 10-22 | $18^s$,78 M | 6″,6 M |

### 32641 P. — 44542 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | III. | |
| | | $22^h 39^m$ | 36°53′ |
| 81 | 10-18 | $21^s$,07 G | 55″,9 G |

### 32642 P. — 13680 Cambridge.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | II. | |
| | | $22^h 38^m$ | 60°14′ |
| 58 | 8-10 | $39^s$,18 G | |

### 32643 P. — 44526 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | I. | |
| | | $22^h 37^m$ | 71°26′ |
| 39 | 8-20 | $55^s$,90 G | |
| | 8-21 | 56,06 G | |
| | 8-23 | 55,94 G | |
| | 9-9 | 55,97 G | 56″,1 F |
| | 9-10 | | 56,5 F |
| | 9-13[1] | 56,10 G | 56,9 F |
| | 9-19 | 55,87 G | |
| | 10-25 | 55,94 G | |
| 53 | 11-4 | 56,32 G | |
| | | II. | |
| | | $22^h 38^m$ | 71°22′ |
| 56 | 8-7 | $39^s$,56 G | |
| | 11-3 | 39,70 G | |
| 57 | 7-12 | 39,62 G | |
| 58 | 9-12 | | 13″,9 G |
| | 10-4 | | 14,7 G |
| | 10-5 | | 13,5 G |
| 59 | 9-11 | 39,94 G | |
| 60 | 10-25[2] | 39,77 G | |
| 61 | 11-13 | 39,89 G | |

[1] 𝒜 augmentée de $1^m$.
[1] 𝒜 diminuée de $0^s$,57 : erreur de moy.

### 32644 P. — 44524 L.

| A. | M. J. | 𝒜 | 𝒟 |
|---|---|---|---|
| | | II. | |
| | | $22^h 38^m$ | 91°40′ |
| 55 | 8-23 | $37^s$,76 G | 5″,4 G |
| | | III. | |
| | | $22^h 39^m$ | 91°35′ |
| 76 | 10-14 | $24^s$,09 G | 22″,7 G |
| 78 | 9-19 | 24,14 G | 23,4 G |
| | 10-12 | 24,01 J | 23,4 J |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜, 𝒫)

### 32645 P. — 44593 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 22h39m | 16°19' |
| 81 10-18 [1] | 25s,34 M | 25",1 M |
| 10-19 [2] | 25,30 M | 24,4 M |

[1] 𝒜 diminuée de 1s : erreur de 2s sur les deux derniers fils.
[2] 𝒜 diminuée de 1s : erreur de moy.

### 32646 P. — 44535 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h38m | 66°25' |
| 58 10-29 | 46s,08 G | 8",6 G |
| 11- 7 | | 9,0 G |
| III. | 22h39m | 66°20' |
| 71 10-12 | 29s,03 G | |

### 32647 P. — 44533 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h38m | 71°28' |
| 59 9-11 | 46s,19 G | 16",4 G |
| 60 10-25 | 46,16 G | |
| III. | 22h39m | 71°23' |
| 79 10- 4 | 29s,88 M | 40",6 M |

### 32648 P. — 814 $W_1$.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 22h39m | 102°11' |
| 79 9- 8 | 31s,39 M | 43",4 M |
| 9-10 | 31,41 M | 44,4 M |
| 10- 3 | 31,34 M | 44,3 M |

### 32649 P. — 44538 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h38m | 56°24' |
| 59 10-27 | | 48",3 G |
| 62 9-12 | 52s,08 G | 48,0 G |
| 9-16 | 52,12 G | 47,5 G |
| 9-17 | 52,19 G | 47,5 G |
| 9-19 | 52,20 G | 46,1 G |
| 66 9-26 | 52,14 G | 46,8 G |
| 67 10-25 | | 47,8 G |

### 32650 P. — 44544 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 22h39m | 38°8' |
| 81 9-16 | 36s,70 G | 21",1 G |
| 9-30 | 36,55 G | 21,1 G |
| 10-10 | 36,58 G | 21,2 G |

### 32651 P. — 44525 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h38m | 101°54' |
| 54 9- 9 | 51s,31 G | 1",6 G |
| 9-10 | 51,42 G | |
| 55 9- 9 | | 3,2 G |
| III. | 22h39m | 101°49' |
| 75 10-12 | 38s,71 M | 19",0 M |
| 10-16 | 38,83 M | 20,2 M |

### 32652 P. — 905 $W_2$.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h38m | 60°10' |
| 58 8- 8 | 57s,42 G | |

### 32653 P. — 44537 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 22h38m | 79°36' |
| 40 10-10 | 10s,52 G | 48",7 F |
| 10-12 | 10,72 G | |
| 10-13 | 10,65 G | |
| II. | 22h38m | 79°32' |
| 58 11- 3 | 55s,38 G | 4",6 G |
| III. | 22h39m | 79°27' |
| 79 9-12 | 40s,27 G | 23",2 G |

### 32654 P. — 44541 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h39m | 60°16' |
| 58 8- 8 | 3s,14 G | |
| 8-10 | 3,11 G | |
| 10- 2 | 2,81 G | 44",1 G |
| 11-30 | | 44,5 G |

### 32655 P. — 44531-32 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h38m | 100°25' |
| 54 9-25 | 58s,34 G | 48",4 G |
| III. | 22h39m | 100°21' |
| 78 9-18 | 45s,54 M | 10",4 M |
| 10-17 | 45,54 M | 9,7 M |

### 32656 P. — 44528-29 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 23h38m | 109°1' |
| 54 10-15 | | 18",9 G |
| III. | 22h39m | 108°56' |
| 78 10- 8 | 48s,05 M | 39",0 M |
| 11- 9 | 48,04 M | 40,0 M |

### 32657 P. — 44527 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h39m | 116°7' |
| 60 10-29 | 3s,53 G | 57",6 G |
| III. | 22h39m | 116°3' |
| 79 10-30 [1] | 52s,85 J | 15",0 J |

[1] 𝒜 augmentée de 0s,50 : erreur de 1s sur trois fils.

### 32658 P. — 44540 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 22h38m | 71°33' |
| 39 9- 9 | | 49",0 F |
| 9-10 | | 49,7 F |
| II. | 22h39m | 71°29' |
| 59 9-11 | 9s,24 G | |
| 60 9-12 | 9,12 G | 7",8 G |
| 10- 4 | 8,90 G | 8,5 G |
| 10-25 | 9,02 G | 12,7 G |
| 61 10-17 | 8,93 G | |

### 32659 P. — 44550 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h39m | 45°58' |
| 67 10- 1 | 14s,87 M | 56",0 M |
| III. | 22h39m | 45°54' |
| 72 9-25 | 54s,53 M | 14",9 M |

### 32660 P. — 44539 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h39m | 86°57' |
| 55 11- 2 | 10s,88 G | 19",7 G |
| III. | 22h39m | 86°52' |
| 71 10-16 | 56s,73 M | 40",6 M |

### 32661 P. — 4448 A + 28°.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 22h39m | 61°23' |
| 81 10- 1 | 58s,94 J | 43",2 J |

### 32662 P. — 44553 et 56 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 22h40m | 48°46' |
| 80 8-19 | 2s,53 G | 24",6 G |
| 9-24 | 2,85 G | 25,5 G |
| 9-28 | 2,85 G | |
| 10-25 | 3,03 G | 25,8 G |

### 32663 P. — 44547 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h39m | 66°32' |
| 58 8-30 | 26s,46 G | |
| 59 8-21 | 26,72 G | 58",4 G |
| III. | 22h40m | 66°28' |
| 80 8-30 | 9s,62 M | 16",5 M |
| 81 10-10 | | 16,7 M |

### 32664 P. — 44548 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h39m | 66°29' |
| 58 11-10 | 27s,29 G | 21",5 G |
| 11-11 | 27,44 G | 26,0 G |
| 59 8-21 | 27,78 G | |

### 32665 P. — 44519 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 22h38m | 83°13' |
| 41 9-11 | 40s,44 G | |
| 9-13 | 40,24 G | |
| 9-18 | 40,29 G | |
| III. | 22h40m | 83°4' |
| 72 10-25 | 10s,81 G | 28",1 G |
| 11- 7 | 10,92 G | |
| 73 10-28 | 10,79 M | |
| 74 9- 9 | 10,88 M | 27,6 M |
| 9- 9 | 10,94 G | 29,9 G |
| 10- 8 | 11,04 M | 27,7 M |
| 75 9- 6 | 10,90 M | 27,4 M |

### 32666 P. — 44549 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h39m | 63°53' |
| 59 11-20 | 30s,45 G | |
| 61 10-12 [1] | 30,43 G | 18",3 G |
| III. | 22h40m | 63°48' |
| 79 10- 6 | 13s,00 M | 36",5 M |
| 80 9- 9 | 12,94 M | 34,2 M |
| 81 10- 5 | 13,36 M | 36,9 M |

[1] 𝒫 diminuée de 5'.

### 32667 P. — 44558 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h39m | 55°3' |
| 67 10-31 | | 59",0 G |
| III. | 22h40m | 54°59' |
| 80 9-11 | 15s,09 J | 14",7 J |
| 9-26 | 15,29 J | 14,3 J |
| 81 10-15 | 15,10 J | 15,9 J |
| 10-17 | 15,21 J | 15,9 J |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜. — 𝒫.)

### 32668 P. — 44523 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 22h 40m | 83°0′ |
| 73 | 11- 3 | 17s,82 M | |
| 74 | 9-19 | 17,73 G | 4″,8 G |
| | 9-29 | | 3,5 G |

### 32669 P. — 44545 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 22h 38m | 85°54′ |
| 42 | 10-28 | 49s,34 G | |
| | | II. | |
| | | 22h 39m | 85°49′ |
| 56 | 10-21 | | 40″,9 G |
| | 10-26 | 34s,72 G | |
| 57 | 9-24 | | 40,6 G |
| | 10- 2 | 34,79 G | 39,5 G |
| 58 | 9-13 | 34,73 G | 40,4 G |

### 32670 P. — 44576 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 22h 40m | 37°16′ |
| 81 | 11- 4 | 21s,39 G | 56″,1 G |

### 32671 P. — 44577 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 22h 39m | 37°55′ |
| 40 | 11-30 | 9s,18 G | |
| | 12- 1 | 9,24 G | 23″,9 F |

### 32672 P. — 826 $W_1$.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 22h 39m | 88°46′ |
| 57 | 11-18 | 37s,74 G | |

### 32673 P. — 44566-67 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 22h 39m | 52°14′ |
| 59 | 11-23 | | 12″,6 G |
| | | III. | |
| | | 22h 40m | 52°9′ |
| 68 | 10- 7 | 25s,15 G | 29″,7 G |
| | 10- 8 | 25,09 G | 28,8 G |
| 74 | 10-16 | 25,11 M | 29,7 M |

### 32674 P. — 7877 Albany.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 22h 39m | 85°48′ |
| 57 | 10- 2 | 41s,27 G | |

### 32675 P. — 44552, 54 et 55 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 22h 38m | 78°37′ |
| 37 | 8-25 | 56s,93 G | |
| | 8-27 | 56,96 G | |
| | 9- 9 | 57,02 G | 9″,7 F |
| | 10- 3 | 56,93 G | |
| | 10- 4 | 57,00 G | 9,7 F |
| | 10-11 | 56,94 G | 9,3 F |
| | 10-12 | 57,02 G | |
| | 11- 6 | 56,97 G | |
| | 11- 7 | 56,88 G | |
| | 12-14 | 56,90 G | |
| | 12-15 | 56,88 G | |
| | 12-17 | 57,01 G | |
| 38 | 8-13 | 56,94 G | |
| | 8-14 | 57,06 G | |
| | 8-15 | 56,91 G | |
| | 12-14 | 57,03 G | |
| 40 | 8-30 | 57,05 G | |
| | 10- 3 | 57,00 G | |
| | 11- 1 | 57,04 G | |
| 42 | 10-16 | 57,23 G | |
| 43 | 7-14 | 56,95 G | |
| | 7-23 | 56,98 G | |
| | 7-30 | 57,06 G | |
| | 7-31 | 57,07 G | |
| 44 | 10- 5 | 57,11 G | |
| | 10- 7 | 56,94 G | |
| | 10- 8 | 56,91 G | |
| | 10-10 | 56,99 G | |
| | 10-18 | 57,11 G | |
| | 10-31 | 57,08 G | |
| 45 | 9- 9 | 57,07 G | |
| | 9-24 | 56,95 G | |
| | 9-26 | 57,05 G | |
| 46 | 9- 5 | 57,08 G | |
| | 9- 6 | 57,22 G | |
| | 9-17 | 57,16 G | |
| | 9-22 | 57,16 G | |
| | 9-24 | 57,09 G | |
| | 9-26 | 57,16 G | |
| | 11-13 | | 15,2 G |
| 48 | 10-25 | 57,10 G | |
| | 10-26 | 57,22 G | 15,2 G |
| | 10-27 | 57,20 G | |
| 53 | 11- 6 | | 18,1 G |
| | | II. | |
| | | 22h 39m | 78°32′ |
| 56 | 8-14 | 41s,94 G | |
| | 9- 6 | 41,87 G | 37″,5 G |
| 57 | 10- 3 | 41,86 G | 37,6 G |
| | 12-18 | 42,02 G | 37,8 G |
| 58 | 9-11 | 41,85 G | 38,4 G |
| | | III. | |
| | | 22h 40m | 78°28′ |
| 80 | 10-30 | 27s,00 J | 7″,1 J |
| 81 | 7-13 | 26,86 J | 7,4 J |
| | 9-13 | 26,73 J | 6,5 J |
| | 9-16 | 26,79 J | 6,6 J |
| | 9-17 | 26,83 J | 6,5 J |
| | 9-18 [1] | 26,99 J | 6,3 J |
| | 10- 5 | 26,96 J | 6,7 J |
| | 10-10 | 26,95 J | 6,9 J |
| | 10-19 | 26,93 J | 7,2 J |

[1] 𝒜 dim. de 0s,64 : erreur de réduction.

### 32676 P. — 44562 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 22h 39m | 67°14′ |
| 37 | 9- 6 | 4s,07 G | |
| | 9-11 | 4,18 G | 55″,3 F |

### 32676 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 22h 39m | 67°14′ |
| 37 | 9-15 | 4s,07 G | 53″,7 F |
| | 9-23 | 4,07 G | 53,2 F |
| | 9-24 | 4,20 G | |
| | 9-25 | 4,16 G | |
| | 9-26 | 4,05 G | 55,4 F |
| | 9-27 | 4,21 G | |
| | 9-28 | 4,18 G | |
| | 9-29 | 4,19 G | |
| | 12-22 [1] | 4,08 G | 54,1 F |
| 38 | 9-10 | 4,08 G | |
| 40 | 9-12 | 4,07 G | |
| | 9-19 | 4,09 G | |
| | 9-20 | 3,89 G | |
| | 9-25 | 4,19 G | 54,8 F |
| | 10-25 | 4,06 G | |
| | 11- 6 | | 56,8 F |
| 41 | 8-19 | | 54,1 F |
| | 8-27 | 4,31 G | |
| 42 | 10-15 | 3,92 G | |
| | 10-17 | 4,15 G | |
| | 10-19 | 4,07 G | |
| | 10-20 | 4,21 G | |
| 46 | 9-11 | | 54,9 G |
| | 9-15 | 4,14 G | |
| | 10-21 | | 54,4 G |
| | 10-22 | 4,28 G | |
| 52 | 12-18 | 4,32 G | |
| 53 | 11- 1 | 4,23 G | |
| | | II. | |
| | | 22h 39m | 67°10′ |
| 57 | 10-26 | | 12″,5 G |
| 58 | 11-22 | 47s,49 G | 12,9 G |
| 62 | 7-21 | 47,41 G | |
| | 9- 5 | 47,31 G | |
| | 9-11 | 47,44 G | |
| | 10-16 | 47,37 G | 11,5 G |
| 63 | 8- 7 | 47,15 G | |
| | 8-14 | 47,45 G | |
| | 9-11 | 47,47 G | |
| | 9-12 | 47,48 G | |
| | 9-15 | | 12,1 G |
| | 9-18 | 47,42 G | |
| | 9-19 | 47,45 G | |
| | 10-12 | 47,34 G | |
| 64 | 9-11 | 47,45 G | |
| | 9-12 | 47,33 G | |
| | 9-22 | 47,43 G | |
| | 9-23 | 47,46 G | |
| | 9-30 | 47,42 G | |
| | 10- 1 | 47,40 G | |
| | 10-24 | 47,26 G | |
| | 10-20 | | 12,5 G |
| | 10-21 | | 12,8 G |
| | 10-27 | 47,40 G | |
| 65 | 9- 2 | 47,38 G | |
| | 9- 5 | 47,42 G | |
| | 9-12 | 47,42 G | |
| | 9-13 | 47,45 G | |
| | 9-18 | | 12,1 G |
| | 9-19 | | 12,5 G |
| | 9-20 | | 12,8 G |
| | 10- 6 | 47,45 G | |
| | 10- 7 | 47,31 G | |
| | 10-21 | 47,38 G | |
| | 10-23 | 47,39 G | |
| | 11- 1 | 47,35 G | |
| | | III. | |
| | | 22h 40m | 67°5′ |
| 71 | 11- 5 | 30s,51 G | |
| | 11- 7 | 30,85 G | |
| 72 | 8-31 | 30,64 G | |

[1] 𝒫 diminuée de 5′.

### 32677 P. — 44543 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 22h 39m | 118°7′ |
| 55 | 8-17 | 41s,10 G | |
| 58 | 10- 6 | | 12″,3 G |
| | | III. | |
| | | 22h 40m | 118°2′ |
| 81 | 9-13 | 30s,98 M | 30″,2 M |
| | 9-29 | 30,89 M | 28,8 M |

### 32678 P. — 44561 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 22h 39m | 75°44′ |
| 56 | 11-14 | | 24″,8 G |
| 60 | 11- 3 | 51s,05 G | 25,3 G |
| 61 | 9-30 | 50,84 G | 25,1 G |

### 32679 P. — 44546 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | 22h 39m | 106°57′ |
| 41 | 10-18 | 0s,08 G | |
| | 10-19 | 0,06 G | |
| | 10-20 | 0,16 G | |
| | 10-21 | 0,00 G | |
| | | II. | |
| | | 22h 39m | 106°52′ |
| 54 | 8-25 | 48s,56 G | |
| | 8-27 | | 49″,3 G |
| | 9-30 | | 47,7 G |
| 67 | 9-27 | 49,01 M | 49,2 M |

### 32680 P. — 44581 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 22h 40m | 46°6′ |
| 80 | 9- 9 | 37s,90 G | 44″,3 G |
| | 10-12 | 37,47 G | 43,6 G |
| | 10-30 | | 45,3 G |
| 81 | 10- 5 | 38,02 G | |

### 32681 P. — 44580 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | 22h 40m | 47°47′ |
| 80 | 9-29 | 38s,52 G | 50″,0 G |
| | 9-30 | 38,90 G | 50,6 G |
| 81 | 9-29 | 38,64 G | 49,5 G |

### 32682 P. — 44551 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | 22h 39m | 108°17′ |
| 54 | 8-26 | 53s,78 G | 13″,9 G |
| | 8-28 | | 15,7 G |
| | | III. | |
| | | 22h 40m | 108°12′ |
| 79 | 9-17 | 42s,54 J | 32″,8 J |
| 80 | 9-10 | 42,47 J | 31,4 J |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜, ℘)

**32683 P. — 44571 L.**

| A. M. J. | 𝒜 | ℘ |
|---|---|---|
| II. | $22^h40^m$ | 64°43′ |
| 58 9-10 | 1s,69 G | 5″,3 G |
| III. | $22^h40^m$ | 64°38′ |
| 71 11-13 | 44s,46 G | |
| 11-14 | 44,64 G | |
| 74 9-12 | 44,67 M | 21″,3 M |
| 9-24 | 44,63 M | 22,5 M |
| 10-7 | 44,64 M | 21,5 M |

**32684 P. — 44559 L.**

| A. M. J. | 𝒜 | ℘ |
|---|---|---|
| II. | $22^h39^m$ | 93°26′ |
| 55 8-20 | | 44″,9 G |
| 8-22 | 58s,24 G | |
| 57 8-10 | 58,08 G | |
| 9-14 | | 40,8 G |
| 58 9-13 | | 40,4 F |
| 60 10-9 | 58,11 G | 42,3 G |
| III. | $22^h40^m$ | 93°21′ |
| 76 9-19 | 44s,59 G | 59″,0 G |
| 9-21 | 44,70 G | 60,1 G |
| 9-23 | 44,69 G | 59,1 G |

**32685 P. — 44586 L.**

| A. M. J. | 𝒜 | ℘ |
|---|---|---|
| III. | $22^h40^m$ | 47°17′ |
| 80 11-4 | 46s,11 G | 13″,6 G |
| 81 10-19 | 45,93 G | |
| 10-22 | 45,84 G | 9,6 G |

**32686 P. — 44587-88 L.**

| A. M. J. | 𝒜 | ℘ |
|---|---|---|
| III. | $22^h40^m$ | 46°47′ |
| 72 9-26 | 46s,26 M | 12″,9 M |
| 74 9-12 | 46,11 G | 13,3 G |
| 10-8 | | 14,5 G |

**32687 P. — 44573 L.**

| A. M. J. | 𝒜 | ℘ |
|---|---|---|
| II. | $22^h40^m$ | 64°55′ |
| 58 9-24 | 3s,91 G | 56″,9 G |
| 10-16 | 4,17 G | 56,9 G |

**32688 P. — 44589 L.**

| A. M. J. | 𝒜 | ℘ |
|---|---|---|
| III. | $22^h40^m$ | 52°16′ |
| 68 10-10 | 46s,75 G | 53″,3 G |
| 10-13 | 46,96 G | 53,0 G |

**32689 P. — 44585 et 94 L.**

| A. M. J. | 𝒜 | ℘ |
|---|---|---|
| II. | $22^h40^m$ | 52°18′ |
| 59 11-18 | | 28″,8 G |
| 62 9-2 | 8s,56 G | 27,2 G |
| 66 9-20 | 8,73 G | |
| 67 10-28 | | 27,3 G |
| 11-8 | | 27,5 G |
| III. | $22^h40^m$ | 52°13′ |
| 68 10-20 | 49s,39 G | 45″,5 G |
| 10-22 | 49,36 G | 45,4 G |
| 73 10-16 | 49,04 G | 44,8 G |
| 74 10-31 | 49,33 M | 45,1 M |
| 11-4 | 49,46 M | 45,5 M |

**32690 P. — 44557 L.**

| A. M. J. | 𝒜 | ℘ |
|---|---|---|
| I. | $22^h39^m$ | 110°25′ |
| 39 8-24[1] | 13s,21 G | 6″,7 F |
| 9-7 | 13,31 G | 11,1 F |
| 9-8 | 13,25 G | 11,2 F |
| 9-11 | 13,07 G | 12,2 F |
| 9-15 | 13,18 G | |
| 41 9-20 | 13,30 G | |
| 10-11 | 13,21 G | |
| 10-12[2] | 13,32 G | 13,3 F |
| 50 9-5[3] | 13,26 G | |
| II. | $22^h40^m$ | 110°20′ |
| 54 10-31 | 1s,48 G | |
| 58 11-10 | | 31″,9 F |
| III. | $22^h40^m$ | 110°15′ |
| 73 9-20 | 50s,11 M | 52″,3 M |
| 9-23 | 49,95 M | |
| 9-23 | 50,15 G | |
| 9-25 | 50,14 G | |
| 10-9 | 50,14 G | 53,4 G |

[1] ℘ non comprise dans la moyenne.
[2] ℘ diminuée de 30″ (1 tour de vis des microscopes).
[3] 𝒜 augmentée de $1^m$.

**32691 P. — 44564 L.**

| A. M. J. | 𝒜 | ℘ |
|---|---|---|
| II. | $22^h40^m$ | 97°28′ |
| 55 9-15 | 3s,97 G | 6″,0 G |
| III. | $22^h40^m$ | 97°23′ |
| 74 8-19 | 50s,88 G | 19″,0 G |
| 76 9-23 | 50,96 M | 19,9 M |
| 10-14 | 50,89 M | 20,3 M |

**32692 P. — 44603 et 05 L.**

| A. M. J. | 𝒜 | ℘ |
|---|---|---|
| II. | $22^h40^m$ | 44°31′ |
| 58 11-28 | 14s,01 G | |

**32692 P. (suite).**

| A. M. J. | 𝒜 | ℘ |
|---|---|---|
| III. | $22^h40^m$ | 44°26′ |
| 79 9-16 | 53s,04 G | 30″,8 G |
| 9-25 | 52,78 G | 30,4 G |
| 9-26 | 52,93 G | 31,2 G |
| 9-27 | 53,13 G | 29,7 G |
| 80 9-11 | 53,33 G | 29,1 G |
| 9-14 | 53,07 G | 30,0 G |

**32693 P. — 44560 L.**

| A. M. J. | 𝒜 | ℘ |
|---|---|---|
| II. | $22^h40^m$ | 108°49′ |
| 54 8-29[1] | 5s,65 G | 7″,9 G |
| III. | $22^h40^m$ | 108°44′ |
| 78 9-19 | 54s,19 M | 25″,4 M |
| 10-16 | 54,05 M | 25,2 M |

[1] 𝒜 augm. de 0s,32 : erreur de réduct.

**32694 P. — 44574 L.**

| A. M. J. | 𝒜 | ℘ |
|---|---|---|
| II. | $22^h40^m$ | 75°51′ |
| 57 9-6 | 9s,92 G | 16″,9 G |
| 58 8-24 | 9,80 G | 18,0 G |
| 10-8 | | 18,4 G |
| 61 9-30 | | 18,3 G |

**32695 P. — 44575 L.**

| A. M. J. | 𝒜 | ℘ |
|---|---|---|
| II. | $22^h40^m$ | 73°30′ |
| 56 10-13 | | 10″,1 G |
| 58 9-27 | 10s,74 G | 11,9 G |
| 59 8-29 | 10,96 G | 10,3 G |

**32696 P. — 44597 L.**

| A. M. J. | 𝒜 | ℘ |
|---|---|---|
| III. | $22^h40^m$ | 55°13′ |
| 68 10-27 | 59s,06 G | 13″,7 G |
| 10-28 | 59,13 G | 12,0 G |

**32697 P. — 934 $W_2$.**

| A. M. J. | 𝒜 | ℘ |
|---|---|---|
| I. | $22^h39^m$ | 62°17′ |
| 43 10-23 | 34s,33 G | |

**32698 P. — 10611 Rümker.**

| A. M. J. | 𝒜 | ℘ |
|---|---|---|
| II. | $22^h40^m$ | 88°56′ |
| 57 8-6 | 13s,81 G | 25″,9 G |
| 8-21 | 13,71 G | |

**32699 P. — 44572 L.**

| A. M. J. | 𝒜 | ℘ |
|---|---|---|
| II. | $22^h40^m$ | 92°31′ |
| 55 9-9 | 17s,24 G | |
| 9-20 | | 28″,9 G |
| 57 9-18 | | 32,3 G |
| 11-11 | 17,32 G | |
| III. | $22^h41^m$ | 92°26′ |
| 78 9-27 | 3s,48 G | 48″,7 G |

**32700 P. — 44563 L.**

| A. M. J. | 𝒜 | ℘ |
|---|---|---|
| II. | $22^h40^m$ | 116°38′ |
| 55 9-24 | 14s,76 G | 42″,6 G |
| 57 8-7 | 14,59 G | 40,3 G |
| 58 8-28 | 14,62 G | |
| 60 9-8 | | 43,4 G |
| 10-6 | 14,68 G | 45,4 G |
| 11-16 | | 42,9 G |

**32701 P. — 44596 et 98 L.**

| A. M. J. | 𝒜 | ℘ |
|---|---|---|
| II. | $22^h40^m$ | 60°49′ |
| 58 11-1 | 22s,00 G | 35″,7 G |
| 59 10-22[1] | 21,84 G | |
| 61 10-28 | 21,96 G | |
| III. | $22^h41^m$ | 60°44′ |
| 71 10-14 | 4s,21 G | 56″,1 G |
| 74 9-14 | 4,38 M | 54,6 M |
| 10-10 | 4,32 M | 54,1 M |
| 79 10-11 | 4,36 M | 54,3 M |
| 80 9-2 | 4,40 M | 53,1 M |
| 81 10-15 | 4,35 M | 55,2 M |

[1] 𝒜 augmentée de 1s,20 : erreur de moy et de 1s sur un fil.

**32702 P. — 44568 à 70 L.**

| A. M. J. | 𝒜 | ℘ |
|---|---|---|
| I. | $22^h39^m$ | 104°52′ |
| 39 8-25 | 28s,62 G | |
| 9-21 | 28,62 G | 17″,3 F |
| 49 9-17 | 28,67 G | 19,4 G |
| 9-21 | 28,62 G | |
| 51 10-12 | 28,52 G | |
| 52 10-25 | 28,34 G | |
| 53 8-8 | 28,70 G | |
| 9-11 | 28,84 G | |
| 10-12 | 28,68 G | |
| 10-13 | 28,70 G | |
| 10-23 | 28,37 G | |
| 10-24 | 28,53 G | |
| 10-25 | 28,57 G | |
| II. | $22^h40^m$ | 104°47′ |
| 54 8-21 | | 35″,9 G |
| 9-4 | | 35,0 G |
| 9-5 | 16s,55 G | 35,8 G |
| 9-6 | 16,47 G | 32,0 G |
| 59 11-4 | | 35,6 G |

**32702 P. (suite).**

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 41m | 104° 42' |
| 78 10-22 | 4s,45 J | |
| 11- 3 | 4,34 M | 52",7 M |

**32703 P. — 44578-79 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 40m | 87° 49' |
| 56 9-26 | 21s,81 G | |
| 60 9- 9 | 21,92 G | |
| | III. | |
| | 22h 41m | 87° 45' |
| 79 9-27 | 7s,86 J | 13",0 J |
| 10- 6 | 7,83 J | 12,8 J |
| 10- 7 | 7,74 J | 11,7 J |

**32704 P. — 44582 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 41m | 84° 46' |
| 79 9-30 | 10s,22 G | |
| 10- 6 | 10,22 G | 1",9 G |
| 10- 7 | 10,38 G | |
| 10-12 | 10,11 G | 2,7 G |

**32705 P. — 44583 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 22h 39m | 83° 6' |
| 40 10- 6 | | 22",8 F |
| 10-10 | 41s,00 G | |
| 10-12 | 40,85 G | |
| 10-13 | 40,96 G | |
| 41 12-20 | 41,00 G | |
| | II. | |
| | 22h 40m | 83° 1' |
| 55 10- 8 | 26s,12 G | 40",3 G |
| 56 8- 9 | 26,21 G | |
| 9-28 | | 40,1 G |
| | III. | |
| | 22h 41m | 82° 56' |
| 71 10-12 | 11s,47 M | 56",8 M |

**32706 P. — 44604 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 41m | 66° 40' |
| 80 9-27 | 12s,80 J | 19",7 J |
| 9-28 | 12,73 J | 20,7 J |
| 81 9-30 | 12,61 J | 20,9 J |
| 10-18 | 12,77 J | 20,1 J |

**32707 P. — 31585 $Mn_1$.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II | |
| | 22h 40m | 93° 33' |
| 58 10-12 | 30s,73 G | |
| 60 9-20 | | 44",7 G |

**32708 P. — 44590 à 92 L. (la 1re).**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 40m | 94° 57' |
| 58 8-15 | | 15",3 G |
| 9- 9 | | 14,3 F |
| 65 9-19 | 36s,83 G | |

**32709 P. — 44590 à 92 L. (le centre).**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 22h 39m | 95° 1' |
| 49 9-25 | 50s,40 G | |
| 9-30 | 50,55 G | 55",1 G |
| | II. | |
| | 22h 40m | 94° 57' |
| 55 10- 2 | | 14",2 G |
| 58 9-11 | | 16,2 F |
| 9-26[1] | | 14,5 G |
| | III. | |
| | 22h 41m | 94° 52' |
| 76 9-20 | | 36",5 G |
| 10-16 | | 38,0 G |

[1] Indiquée comme la plus boréale, mais il est probable que c'est par rapport à l'étoile 44595 L.

**32710 P. — 44590 à 92 L. (la 2e).**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 22h 39m | 95° 1' |
| 51 10-13 | 50s,38 G | |
| | II. | |
| | 22h 40m | 94° 57' |
| 55 8-13 | 37s,01 G | |
| 10- 2 | 37,13 G | |
| 58 8-27 | | 16",4 F |
| 9-26 | 37,40 G | |
| 59 11-18 | 37,23 G | |
| | III. | |
| | 22h 41m | 94° 52' |
| 78 10-16 | 23s,47 J | 37",5 J |

**32711 P. — 44595 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 40m | 94° 57' |
| 55 10- 5 | 38s,87 G | 56",3 G |
| 58 8-12 | | 59,2 G |
| 9-26 | 38,76 G | |
| 59 11-18 | 38,91 G | |

**32712 P. — 4803 A + 30°.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 40m | 59° 41' |
| 58 11-12 | 45s,64 G | |

**32713 P. — 44601 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 40m | 93° 18' |
| 57 8-13 | 41s,64 G | |
| 60 9-20 | 41,78 G | |
| | III. | |
| | 22h 41m | 93° 13' |
| 78 10- 2 | 28s,07 J | 56",9 J |
| 79 10-12 | 28,13 J | 55,9 J |
| 10-16 | 28,05 J | 55,7 J |

**32714 P. — 44614 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 41m | 45° 53' |
| 80 9-20 | 28s,17 G | |
| 9-27 | 28,10 G | 6",0 G |
| 81 9-28 | 28,35 G | 7,8 G |

**32715 P. — 10624 Rümker.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 22h 40m | 62° 33' |
| 43 10- 5 | 3s,37 G | |

**32716 P. — 44620 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 41m | 37° 1' |
| 81 10-31 | 31s,03 G | 7",1 G |

**32717 P. — 44584 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 40m | 118° 17' |
| 55 8-11 | 45s,95 G | |
| 58 10-30 | | 52",0 G |
| | III. | |
| | 22h 41m | 118° 13' |
| 80 9-13 | 35s,47 M | 12",8 M |

**32718 P. — 44600 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 40m | 110° 26' |
| 58 9- 9 | 47s,73 G | 0",2 G |
| 61 9-26 | 47,88 G | 0,6 G |
| 10- 3 | 47,59 G | 1,6 G |

**32719 P. — 854 $W_1$.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 40m | 77° 45' |
| 56 8-30 | 56s,58 G | |
| 57 10-20 | 56,59 G | |
| | III. | |
| | 22h 41m | 77° 40' |
| 71 9- 9 | 41s,49 G | |
| 79 10-11 | 41,33 G | 53",6 G |
| 10-20 | 41,27 G | 56,3 G |

**32720 P. — 44608 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 40m | 86° 43' |
| 56 9- 1[1] | 59s,48 G | 36",2 G |
| | III. | |
| | 22h 41m | 86° 38' |
| 71 9-19 | 45s,31 M | 53",0 M |

[1] 𝒜 diminuée de 2s : err. de moy.

**32721 P. — 44610 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 41m | 84° 51' |
| 56 8- 5 | 4s,59 G | |
| 58 8-23 | 4,45 G | 25",7 G |
| 8-27 | | 26,7 G |
| | III. | |
| | 22h 41m | 84° 46' |
| 69 10- 5 | | 44",5 G |
| 71 10-10 | 50s,01 M | 43,6 M |

**32722 P. — 44617-18 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 41m | 60° 31' |
| 80 9- 5 | 50s,67 J | 41",5 J |
| 9-29 | 50,52 J | 40,7 J |

**32723 P. — 44607 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 41m | 107° 59' |
| 54 9- 2 | 5s,58 G | 34",2 G |
| 67 9-26 | 5,62 M | 33,9 M |
| | III. | |
| | 22h 41m | 107° 54' |
| 78 9-29 | 54s,11 M | 52",4 M |
| 10-22 | 53,99 M | 51,9 M |
| 11- 5 | 53,92 M | 51,6 M |

**32724 P. — 44613 et 16 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 41m | 77° 43' |
| 56 8-30 | 9s,56 G | |
| 57 10-20 | 9,55 G | 37",3 G |
| 58 10- 1 | 9,51 G | 36,2 G |
| 10- 4 | | 37,8 G |
| 10- 5 | | 36,5 G |
| | III. | |
| | 22h 41m | 77° 38' |
| 74 9-17 | | 54",3 G |
| 10-12[1] | 54s,27 G | 54,7 G |
| 79 10-16 | 54,13 G | 53,4 G |

[1] 𝒜 augm. de 1s : erreur de moy.

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (Æ, 𝔇)

**32725 P. — 44609 L.**

| A. M. J. | Æ | 𝔇 |
|---|---|---|
| I. | 22h40m | 101°22' |
| 39 8-20 | 20s,63 G | |
| 8-21 | 20,62 G | |
| 9-9 | 20,53 G | 19",5 F |
| 9-10 | | 19,9 F |
| 9-11 | 20,54 G | 21,4 F |
| 9-18 | 20,56 G | |
| 9-19 | 20,21 G | |
| 40 10-8 | 20,55 G | |
| 10-30 | 20,64 G | |
| 49 10-5 | 20,61 G | |
| 50 8-23 | 20,50 G | |
| II. | 22h41m | 101°17' |
| 54 9-7 | 7s,94 G | 40",1 G |
| 57 10-1 | 7,98 G | 38,2 G |
| III. | 22h41m | 101°12' |
| 75 10-6 | 55s,30 M | 54",2 M |
| 10-8 | 55,34 M | 54,8 M |
| 10-23 | 55,50 M | 54,2 M |
| 11-2 | 55,47 M | 54,3 M |
| 76 8-7 | 55,50 G | 54,8 G |

**32726 P. — 44627 L.**

| A. M. J. | Æ | 𝔇 |
|---|---|---|
| II. | 22h41m | 44°31' |
| 58 11-28 | 16s,66 G | |
| 61 10-24 | 16,78 G | 46",9 G |
| 67 10-10 | 16,35 M | 46,9 M |
| 10-28 | 16,42 M | 46,8 M |

**32727 P. — 44612 L.**

| A. M. J. | Æ | 𝔇 |
|---|---|---|
| I. | 22h40m | 95°23' |
| 42 10-3 | 28s,31 G | |
| 10-5 | 28,39 G | |
| 10-6 | 28,51 G | |
| 10-7 | 28,45 G | |
| 10-8 | 28,30 G | |
| 10-9 | 28,37 G | |
| 10-10 | 28,31 G | |
| 10-11 | 28,41 G | |
| II. | 22h41m | 95°18' |
| 55 9-22 | 15s,06 G | |
| 12-3 | | 50",7 G |
| 56 7-26 | | 47,3 G |
| 64 9-29 | 15,12 M | 48,5 M |
| III. | 22h42m | 95°14' |
| 76 10-16 | 1s,97 M | 5",7 M |

**32728 P. — 44621 L.**

| A. M. J. | Æ | 𝔇 |
|---|---|---|
| II. | 22h41m | 66°43' |
| 58 10-29 | 21s,63 G | 56",3 G |
| 11-7 | 21,37 G | 55,2 G |

**32729 P. — 44639 L.**

| A. M. J. | Æ | 𝔇 |
|---|---|---|
| III. | 22h42m | 37°16' |
| 80 9-16 | 6s,53 G | 34",9 G |
| 81 10-1 | 6,50 G | 35,6 G |

**32730 P. — 44633 L.**

| A. M. J. | Æ | 𝔇 |
|---|---|---|
| II. | 22h41m | 48°12' |
| 67 10-2 | 30s,67 M | 20",9 M |
| III. | 22h42m | 48°7' |
| 79 10-7 | 10s,85 M | 37",4 M |

**32731 P. — 44623 L.**

| A. M. J. | Æ | 𝔇 |
|---|---|---|
| II. | 22h41m | 64°49' |
| 58 9-15[1] | 28s,22 G | |
| 9-19[1] | 28,95 G | 41",5 G |
| 60 10-29 | | 41,0 G |

[1] Différences inexpliquées en Æ : Le Catalogue donne la moyenne des 2 observations. Le 19 septembre l'observation a été faite simultanément avec celle de 32733 P.

**32732 P. — 44615 L.**

| A. M. J. | Æ | 𝔇 |
|---|---|---|
| II. | 22h41m | 107°44' |
| 54 9-8 | 24s,92 G | 1",5 G |
| 10-30 | | 2,3 G |
| 57 9-9 | | 1,4 G |
| III. | 22h42m | 107°39' |
| 79 9-18 | 12s,95 J | 17",9 J |

**32733 P. — 4816 A + 25°.**

| A. M. J. | Æ | 𝔇 |
|---|---|---|
| II. | 22h41m | 64°51' |
| 58 9-19[1] | 31s,97 G | |

[1] Æ diminuée de 0s,20 : erreur de 1s sur un fil.

**32734 P. — 44634 L.**

| A. M. J. | Æ | 𝔇 |
|---|---|---|
| II. | 22h41m | 57°42' |
| 59 10-27 | | 28",1 G |
| 11-10 | | 26,7 G |
| 61 10-4 | 39s,02 G | 27,5 G |
| 10-14 | 39,17 G | 26,1 G |

**32735 P.**

| A. M. J. | Æ | 𝔇 |
|---|---|---|
| II. | 22h41m | 103°32' |
| 67 9-21 | 34s,58 M | 49",9 M |

**32736 P. — 44624-25 L.**

| A. M. J. | Æ | 𝔇 |
|---|---|---|
| I. | 22h40m | 82°58' |
| 40 10-6 | | 17",5 F |
| II. | 22h41m | 82°53' |
| 56 10-5 | | 31",0 G |
| 57 8-20 | 38s,17 G | |
| 8-22 | 38,28 G | |
| 9-29 | 38,22 G | |
| III. | 22h42m | 82°48' |
| 71 10-14 | | 50",2 M |
| 10-16 | 23s,59 M | 50,6 M |

**32737 P. — 44640 L.**

| A. M. J. | Æ | 𝔇 |
|---|---|---|
| II. | 22h41m | 51°27' |
| 59 11-23 | | 59",4 G |
| 60 10-22 | 44s,92 G | |
| 61 9-27 | 44,97 G | 58,7 G |
| 62 9-15 | 45,09 G | 58,9 G |
| 9-17 | 45,21 G | 59,1 G |
| 9-19 | 45,24 G | 58,0 G |
| 66 9-28 | 44,89 G | |
| 10-8[1] | 45,99 G | 59,1 G |

[1] Æ non comprise dans la moyenne : erreur probable de 1s.

**32738 P. — 3014 Br.**

| A. M. J. | Æ | 𝔇 |
|---|---|---|
| I. | 22h41m | 32°20' |
| 50 9-9 | | 0",0 G |

**32739 P. — 44647 L.**

| A. M. J. | Æ | 𝔇 |
|---|---|---|
| III. | 22h42m | 44°12' |
| 80 9-11 | 26s,88 M | 48",7 M |
| 9-14 | 26,60 M | 49,6 M |

**32740 P. — 44642 L.**

| A. M. J. | Æ | 𝔇 |
|---|---|---|
| II. | 22h41m | 53°19' |
| 66 9-5 | 46s,75 G | |
| 10-16 | 46,60 G | 8",4 G |
| 67 10-23 | | 8,8 G |
| III. | 22h42m | 53°14' |
| 69 10-12 | 27s,60 M | 25",2 M |
| 73 10-8 | 27,83 G | 25,9 G |
| 10-17 | 27,72 G | 25,4 G |
| 10-28 | 27,68 G | |
| 11-3 | 27,86 G | |
| 11-6 | 27,69 G | |
| 74 9-19 | 27,74 G | 24,3 G |
| 9-24 | | 25,6 G |
| 10-3 | | 24,7 G |
| 10-7 | | 25,6 G |
| 10-8 | | 25,3 G |
| 10-24 | 27,64 M | 26,1 M |
| 10-31 | | 25,5 G |

**32741 P. — 44619 L.**

| A. M. J. | Æ | 𝔇 |
|---|---|---|
| II. | 22h41m | 113°49' |
| 55 10-15 | 40s,98 G | |
| 58 10-6 | | 53",5 G |
| III. | 22h42m | 113°45' |
| 79 9-25 | 30s,20 J | 10",2 J |

**32742 P. — 44626 et 28 L.**

| A. M. J. | Æ | 𝔇 |
|---|---|---|
| II. | 22h41m | 88°50' |
| 56 9-2 | | 14",0 G |
| 9-23 | 44s,22 G | 13,7 G |
| 57 8-6 | 44,24 G | |
| 8-21 | 44,13 G | |
| 58 12-1 | 44,27 G | |
| 59 8-28 | 44,05 G | 15,4 G |
| III. | 22h42m | 88°45' |
| 73 10-28 | 30s,17 M | |
| 74 9-15 | 30,33 M | 29",3 M |
| 10-12 | 30,22 M | 30,4 M |

**32743 P. — 44641 L.**

| A. M. J. | Æ | 𝔇 |
|---|---|---|
| I. | 22h41m | 62°41' |
| 43 10-5 | 9s,32 G | 37",1 G |
| II. | 22h41m | 62°36' |
| 58 11-4 | 51s,69 G | 54",7 G |
| III. | 22h42m | 62°32' |
| 71 10-12 | 34s,12 G | |
| 74 9-19 | 34,10 M | 11",1 M |

**32744 P. — 44643 L.**

| A. M. J. | Æ | 𝔇 |
|---|---|---|
| II. | 22h41m | 59°38' |
| 66 10-9 | 52s,81 G | 16",8 G |
| III. | 22h42m | 59°33' |
| 74 10-27 | 34s,91 M | 31",0 M |
| 11-5 | 35,03 M | 31,7 M |

**32745 P. — 44631-32 L.**

| A. M. J. | Æ | 𝔇 |
|---|---|---|
| I. | 22h41m | 86°31' |
| 42 10-17 | 3s,94 G | |
| 10-19 | 3,91 G | |
| 10-20 | 3,93 G | |
| 10-28 | 4,02 G | |
| II. | 22h41m | 86°26' |
| 55 9-17 | | 35",4 G |
| 10-16 | 49s,37 G | 36,4 G |
| 11-26 | | 36,3 G |
| 57 8-27 | 49,71 G | |

| Dates 1800+ A. | M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|---|

**32746 P. — 972 $W_4$.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 22h41m | 62°5' |
| 43 | 8- 8 | 12s,66 G | 11",6 G |
| | 8- 8 | | 13,3 F |
| | 8-11 | | 12,6 F |
| | 8-12 | 12,55 G | 11,0 F |
| | 8-14 | 12,32 G | 11,0 G |

**32747 P. — 44654 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 22h42m | 38°40' |
| 81 | 10-15 | | 49",5 G |
| | 10-17 | 37s,43 G | 49,3 G |

**32748 P. — 44636 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h41m | 80°12' |
| 55 | 11- 2 | 54s,09 G | 20",3 G |
| 57 | 11- 4 | 54,19 G | |
| | III. | 22h42m | 80°7' |
| 74 | 9- 9 | 39s,02 G | 37",4 G |

**32749 P. — 44656 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 22h42m | 41°4' |
| 68 | 11- 6 | 45s,20 M | 35",5 M |
| 72 | 9-23 | 45,35 M | 35,2 M |

**32750 P. — 44644 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h42m | 71°52' |
| 56 | 8-13 | 1s,68 G | 9",0 G |
| | 9- 8 | | 8,5 G |
| | 9-16 | 1,77 G | 8,9 G |
| 58 | 8-31 | 1,69 G | |
| | 10- 9 | | 8,7 G |
| 59 | 11-12 | 1,91 G | 8,4 G |

**32751 P. — 44650 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h42m | 64°44' |
| 59 | 8-22 | | 0",7 G |
| 60 | 10-29 | 3s,20 G | 0,7 G |
| 61 | 9-30 | 2,99 G | 1,0 G |
| | 10-16 | 3,13 G | 1,1 G |

**32752 P. — 44635 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h42m | 102°5' |
| 54 | 9-21 | 3s,55 G | 18",5 G |
| | III. | 22h42m | 102°0' |
| 79 | 9-30[1] | 51s,07 J | 34",1 J |

[1] 𝒜 diminuée de 1s : erreur de réduct.

**32753 P. — 44652 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 22h42m | 57°29' |
| 74 | 11- 6 | 53s,20 M | 16",6 M |
| 79 | 9- 3 | 53,20 M | 16,1 M |

**32754 P. — 44637-38 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 22h41m | 104°24' |
| 37 | 8-18 | 22s,72 G | 31",3 F |
| | 9- 4 | 22,73 G | |
| | 9- 6 | 22,84 G | |
| | 9- 9 | 22,84 G | |
| | 9-11 | 22,93 G | 33,5 F |
| | 9-20 | 22,85 G | |
| | 10- 3 | 22,79 G | |
| | 10- 4 | 22,77 G | |
| | 11- 6 | 22,85 G | |
| | 12-14 | 22,71 G | |
| | 12-15 | 22,75 G | |
| | 12-17 | 22,76 G | |
| 38 | 8-13 | 22,75 G | |
| | 8-14 | 22,90 G | |
| | 8-15 | 22,87 G | |
| | 9- 3 | 22,89 G | |
| 39 | 8-25 | 22,83 G | |
| | 10-18 | 22,66 G | |
| 40 | 9-12 | 22,72 G | |
| | 10- 3 | 22,77 G | 30,4 F |
| 41 | 8-27 | 22,66 G | |
| | 9- 9[1] | 22,77 G | |
| | 9-10 | 22,68 G | |
| | 9-11 | 22,84 G | 29,6 F |
| 46 | 9-12 | 22,77 G | |
| | 9-13 | 22,88 G | |
| | 9-14 | 22,84 G | |
| | 9-15 | 22,68 G | |
| | 10- 3 | 22,94 G | 33,0 G |
| | 10-18 | 22,66 G | |
| | 10-19 | 22,86 G | |
| | 10-20 | 22,76 G | |
| | 11- 2 | 22,80 G | |
| | 11- 4 | 22,79 G | |
| 48 | 7-16 | 23,16 G | |
| 49 | 9-17 | 22,78 G | |
| | 9-21 | 22,79 G | |
| 51 | 9- 8 | 22,95 G | 31,0 G |
| | 9- 9 | 22,64 G | 32,5 G |
| | 11- 3 | 22,81 G | |
| 52 | 8- 1 | 22,87 G | |
| | 11-16 | 22,86 G | |
| 53 | 7-21 | | 31,9 G |
| | 10-12 | 22,82 G | 32,8 G |
| | 10-13 | 22,80 G | 33,5 G |
| | 10-23 | 22,73 G | |
| | 10-24 | 22,83 G | |
| | 10-25 | 22,77 G | |
| | 11- 1 | 22,80 G | |
| | 11- 4 | 22,88 G | |
| | II. | 22h42m | 104°19' |
| 54 | 9-20 | 10s,73 G | 47",5 G |
| 55 | 8-27 | 10,56 G | 49,1 G |
| 56 | 11- 6 | 10,58 G | 50,0 G |
| 67 | 9-27 | 10,44 M | 48,5 M |
| | III. | 22h42m | 104°15' |
| 71 | 8-29 | 58s,32 M | 6",5 M |
| | 11-20 | 58,21 G | |
| 72 | 8-19 | 58,19 M | 6,4 M |
| 74 | 10-20 | 58,03 M | 5,3 M |

**32754 P. (suite).**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | III. | 22h42m | 104°15' |
| 78 | 9-19 | 58s,46 M | 6",4 M |
| | 9-19 | 58,31 G | 6,3 G |
| | 9-20 | 58,33 M | 5,9 M |
| | 9-20 | 58,39 G | |
| | 9-21 | 58,17 M | 4,8 M |
| | 9-21 | 58,49 G | |
| | 9-24 | 58,27 M | 7,4 M |
| | 9-24 | 58,39 G | 4,8 G |
| | 9-26 | 58,31 G | 6,1 G |
| | 9-27 | 58,33 M | 6,9 M |
| | 9-30 | 58,34 M | 5,8 M |
| | 10- 2 | 58,16 M | 6,7 M |
| | 10- 4 | 58,22 M | 6,4 M |
| | 10-12 | 58,37 M | 5,9 M |
| | 10-15 | 58,33 M | 5,9 M |
| 79 | 11- 9 | 58,30 G | 6,8 G |
| 80 | 8-26 | 58,48 M | 4,7 M |
| | 9- 1 | 58,11 M | 4,1 M |
| | 9- 9 | 58,24 M | |
| | 9-16 | 58,41 M | 4,8 M |
| | 10-12 | 58,25 M | 5,8 M |
| 81 | 10- 5 | 58,56 M | 5,7 M |

[1] 𝒜 augmentée de 1m.

**32755 P. — 44648-49 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h42m | 88°8' |
| 55 | 11-11[1] | 13s,80 G | 14",4 G |
| 56 | 8-26 | | 13,5 G |
| | III. | 22h42m | 88°3' |
| 72 | 10-25 | 59s,36 G | 31",9 G |

[1] 𝒜 augmentée de 1m : erreur de transcr.

**32756 P. — 44660 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h42m | 52°12' |
| 59 | 11-18 | | 40",4 G |
| 60 | 10- 4 | 26s,38 G | 40,9 G |
| 62 | 9-12 | 26,56 G | 40,1 G |
| 66 | 9-26 | 26,89 G | |
| 67 | 10-31 | | 39,6 G |

**32757 P. — 44645-46 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 22h41m | 111°6' |
| 41 | 10-18 | 34s,91 G | |
| | 10-19 | 34,96 G | |
| | 10-20 | 34,86 G | |
| | 10-21 | 34,83 G | 6",9 F |
| | II. | 22h42m | 111°1' |
| 54 | 10-29 | | 27",5 G |
| 58 | 11-10 | | 27,3 F |
| | III. | 22h43m | 110°56' |
| 79 | 10-26 | 11s,95 J | 44",2 J |
| | 10-30 | 11,89 J | 44,1 J |
| 80 | 9-10 | 12,05 J | 43,3 J |

**32758 P. — 988-89 $W_2$.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 22h41m | 64°18' |
| 40 | 10-10 | 47s,98 G | 17",4 F |
| | 10-12 | 47,67 G | |
| | 10-13 | 47,84 G | |

**32759 P. — 44659 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 22h41m | 66°55' |
| 41 | 10-12[1] | 47s,48 G | |
| | II. | 22h42m | 66°50' |
| 58 | 8- 8 | 30s,68 G | 38",9 G |
| 59 | 9-11 | 30,73 G | 39,4 G |

[1] 𝒜 diminuée de 1s : err. de réduct.

**32760 P. — 44655 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | I. | 22h41m | 80°20' |
| 39 | 9- 8 | | 16",7 F |
| | 9- 9 | | 15,4 F |
| | 9-10 | | 16,7 F |
| | II. | 22h42m | 80°15' |
| 55 | 9-28 | 31s,81 G | |
| | 10-31 | 31,74 G | 32",3 G |
| 56 | 8-29 | | 32,2 G |
| | 9-20 | | 33,4 G |
| | 10-18 | | 33,3 G |
| 58 | 9-13 | | 34,0 G |

**32761 P. — 44653 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h42m | 107°3' |
| 54 | 9-26 | 37s,78 G | |
| 55 | 9-18 | | 8",8 G |
| | III. | 22h43m | 106°58' |
| 78 | 9-12 | 25s,91 M | 27",3 M |
| | 10-20 | 25,94 M | 27,7 M |

**32762 P. — 44658 L.**

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | II. | 22h42m | 93°33' |
| 55 | 8-16 | | 32",1 G |
| | 8-23 | 42s,92 G | |
| | III. | 22h43m | 93°28' |
| 76 | 9-19 | | 49",4 G |
| | 9-21 | | 50,5 G |
| | 9-23 | 29s,28 G | 49,9 G |
| | 10-14 | 29,20 G | 49,6 G |

**32763 P. — 44664 L.**

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 42m | 58°12′ |
| 67 10-25 | | 33″,8 G |
| | III. | |
| | 22h 43m | 58°7′ |
| 68 10-27 | 31s,44 G | 52″,9 G |
| 10-28 | 31,52 G | 49,5 G |

**32764 P. — 44657 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 42m | 101°8′ |
| 54 9-25 | 45s,52 G | |
| 58 9-27 | | 50″,1 F |
| 60 9-12 | 45,60 G | 47,1 G |
| 61 10-18 | 45,72 G | |
| 62 9-16 | 45,40 G | 49,4 G |

**32765 P. — 44663 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 42m | 66°23′ |
| 58 8-30 | 52s,65 G | |
| 11- 1 | 52,92 G | 31″,4 G |
| 59 8-21 | 52,94 G | 32,4 G |

**32766 P. — 44671 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 22h 42m | 41°15′ |
| 45 8- 4 | 22s,65 G | |
| | II. | |
| | 22h 43m | 41°10′ |
| 67 11- 8 | 0s,97 M | 23″,0 M |
| | III. | |
| | 22h 43m | 41°5′ |
| 72 9-25 | 39s,81 M | 38″,0 M |

**32767 P. — 44662 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 42m | 98°11′ |
| 55 9- 9 | 55s,52 G | |
| 9-15 | | 55″,5 G |
| 57 8-10 | 55,65 G | |
| 8-11[1] | | 38,9 G |
| 9-18 | | 57,2 G |
| | III. | |
| | 22h 43m | 98°7′ |
| 74 8-19 | 42s,71 G | 13″,8 G |
| 76 9-23 | 42,72 M | 13,0 M |
| 10-14 | 42,71 M | 14,5 M |

[1] 𝒫 non comprise dans la moyenne.

**32768 P. — 44680 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 43m | 38°41′ |
| 81 9-16 | 44s,13 G | |
| 10-16 | 44,13 G | 18″,4 G |

**32769 P. — 44661 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 22h 42m | 104°52′ |
| 39 9-15 | 10s,79 G | |
| | II. | |
| | 22h 42m | 104°47′ |
| 60 10- 6 | 58s,64 G | |
| 61 9-25 | 58,64 G | 57″,0 G |
| 10-17 | 58,74 G | 55,2 G |
| | III. | |
| | 22h 43m | 104°43′ |
| 78 10-16 | 46s,48 M | 10″,0 M |

**32770 P. — 44677 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 43m | 44°45′ |
| 80 9-28 | 50s,85 G | |
| 9-29 | 50,70 G | 46,3 G |

**32771 P. — 44681 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 43m | 42°43′ |
| 80 8-19 | 51s,12 G | 48″,9 G |
| 9-26 | 51,29 G | 47,9 G |

**32772 P. — 44665 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 22h 42m | 61°52′ |
| 43 10-23 | 26s,15 G | |
| 10-24 | | 31″,1 G |
| | II. | |
| | 22h 43m | 61°47′ |
| 58 9-10 | 8s,80 G | 46″,7 G |
| 10- 2 | 8,86 G | 46,2 G |
| 10-16 | 9,03 G | 46,5 G |

**32773 P. — 44678-79 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 43m | 46°49′ |
| 68 10-28 | 54s,12 M | 0″,2 M |
| 74 9-12 | 54,14 G | 0,4 G |
| 10-12 | 54,17 G | 0,3 G |

**32774 P. — 4822 A + 25°.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 43m | 64°55′ |
| 58 9-19[1] | 13s,99 G | |

[1] 𝒜 diminuée de 0s,20 : erreur de 1s sur un fil.

**32775 P. — 44689 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 43m | 39°40′ |
| 81 10-10 | | 44″,3 G |
| 10-18 | 57s,28 G | 44,8 G |
| 11- 9 | 57,48 G | 44,1 G |

**32776 P. — 899 W₁.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 43m | 103°25′ |
| 67 9-19 | 9s,90 M | 50″,1 M |

**32777 P. — 44667-68 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 22h 42m | 66°12′ |
| 37 1- 4 | 31s,61 G | |
| 9-15 | 31,40 G | 55″,6 F |
| 9-16 | 31,37 G | |
| 9-22 | 31,48 G | |
| 9-23 | 31,57 G | 55,5 F |
| 9-24 | 31,46 G | |
| 9-25 | 31,54 G | |
| 9-26 | 31,49 G | 56,9 F |
| 9-27 | 31,58 G | |
| 9-28 | 31,68 G | |
| 9-29 | 31,52 G | |
| 12-22 | 31,56 G | 57,0 F |
| 38 8-31 | 31,21 G | |
| 9- 1 | 31,56 G | |
| 9-10 | 31,55 G | |
| 39 9-21 | 31,54 G | 54,5 F |
| 10-25 | 31,53 G | |
| 40 9-20 | 31,57 G | |
| 9-25 | 31,50 G | |
| 10-25 | 31,55 G | |
| 10-30 | 31,59 G | |
| 11- 1 | 31,61 G | |
| 11- 2 | 31,57 G | |
| 11- 6 | | 56,0 F |
| 41 10-12 | | 54,4 F |
| 43 7-14 | 31,55 G | |
| 7-23 | 31,56 G | |
| 7-30 | 31,63 G | |
| 46 7-12 | 31,99 G | |
| 9- 5 | 31,62 G | |
| 9- 6 | 31,76 G | |
| 9-17 | 31,62 G | |
| 9-22 | 31,58 G | |
| 9-24 | 31,58 G | |
| 9-26 | 31,72 G | |
| 10-21 | 31,69 G | |
| 10-22 | 31,64 G | |
| 50 9- 5 | 31,74 G | 55,4 G |
| 52 10-24 | 31,75 G | |
| 12-28 | 31,89 G | |
| 53 8- 9[1] | | 54,3 F |
| 11- 9 | 31,59 G | |
| | II. | |
| | 22h 43m | 66°8′ |
| 57 10- 7 | 14s,65 G | 11″,5 G |
| 12-18 | 15,07 G | 10,5 G |
| 12-19[2] | 15,02 G | 11,5 G |
| 12-27 | 14,95 G | |
| 58 11-22 | 14,89 G | 10,6 G |
| 59 10-22 | 14,94 G | |
| 11-20 | 15,20 G | |
| 62 7-21 | 14,84 G | |
| 9- 5 | 14,94 G | |
| 9-11 | 14,98 G | |
| 10-16 | 14,91 G | |
| 63 8- 7 | 14,78 G | |
| 8-14 | 14,96 G | |
| 9- 1 | 14,99 M | |
| 9-11 | 14,85 G | |
| 9-12 | 14,91 G | |
| 9-15 | | 12,3 G |
| 9-19 | 14,85 G | |

**32777 P. (suite).**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 43m | 66°8′ |
| 63 9-27 | 14s,99 G | 12″,7 G |
| 10-12 | 14,91 G | |
| 64 9-11 | 14,91 G | |
| 9-12 | 15,01 G | |
| 9-22 | 14,98 G | |
| 9-23 | 15,01 G | |
| 10- 1 | 14,98 G | |
| 10-20 | | 12,9 G |
| 10-21 | | 12,9 G |
| 10-24 | 14,95 G | |
| 10-27 | 14,99 G | |
| 65 9- 2 | 15,09 G | |
| 9- 5 | 15,02 G | |
| 9-12 | 14,88 G | |
| 9-13 | 15,01 G | |
| 9-18 | | 12,2 G |
| 9-19 | | 13,1 G |
| 9-20 | | 11,9 G |
| 10- 7 | 14,99 G | |
| 10-23 | 15,02 G | |
| 11- 1 | 14,81 G | |
| | III. | |
| | 22h 43m | 66°3′ |
| 71 11-13 | 58s,19 G | |
| 72 8-31 | 58,19 G | |
| 9- 7 | 58,14 G | |

[1] 𝒫 augmentée de 30″ (1t de vis des microscopes).

[2] 𝒜 diminuée de 0s,40 : erreur de 1s sur deux fils.

**32778 P. — 44683 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 44m | 48°36′ |
| 72 9-26 | 1s,12 M | 38″,4 M |
| 79 10-11 | 1,07 M | 38,0 M |

**32779 P. — 4505 A + 42°.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 44m | 47°8′ |
| 68 11-17 | 1s,65 M | 48″,4 M |
| 79 9-25 | 1,82 G | 49,9 G |
| 81 9-13 | 1,98 M | 48,8 M |

**32780 P. — 44684-85 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 43m | 48°6′ |
| 67 9-28 | 21s,73 M | 31″,7 M |
| | III. | |
| | 22h 44m | 48°1′ |
| 68 11-16 | 1s,89 M | 47″,5 M |

**32781 P. — 248 Piazzi.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 22h 44m | 7°32′ |
| 53 4-27 I | 8s,92 G | |
| 9-20 | 9,56 G | |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (Æ, D)

### 32782 P.

| A. M. J. | Æ | D |
|---|---|---|
| III. | $22^h44^m$ | 48°46′ |
| 74 9-14 | 6$^s$,60 M | 27″,5 M |
| 9-24 | 7,03 M | 27,1 M |

### 32783 P. — 44682 L.

| A. M. J. | Æ | D |
|---|---|---|
| II. | $22^h43^m$ | 61°27′ |
| 58 9-8 | | 40″,0 G |
| 9-24 | 27$^s$,36 G | 39,5 G |
| III. | $22^h44^m$ | 61°22′ |
| 71 10-23 | 9$^s$,52 G | 55″,6 G |

### 32784 P. — 10231 Bruxelles.

| A. M. J. | Æ | D |
|---|---|---|
| I. | $22^h42^m$ | 109°33′ |
| 40 9-12 | 36$^s$,44 G | |

### 32785 P. — 44666 L.

| A. M. J. | Æ | D |
|---|---|---|
| II. | $22^h43^m$ | 98°3′ |
| 55 9-10 | | 7″,2 G |
| 9-15 | 28$^s$,11 G | |
| 9-16 | 28,30 G | |
| 57 9-14 | | 6,9 G |
| 58 10-8 | | 4,1 G |

### 32786 P. — 44670 L.

| A. M. J. | Æ | D |
|---|---|---|
| II. | $22^h43^m$ | 91°19′ |
| 55 10-5 | 31$^s$,32 G | 6″,0 G |
| 58 8-12 | 31,10 G | 6,4 G |
| 8-15 | | 6,6 G |
| 9-9 | | 4,7 F |
| 9-13 | | 6,4 F |
| 11-3 | 31,10 G | 7,4 G |
| III. | $22^h44^m$ | 91°14′ |
| 68 10-10 | 17$^s$,41 M | 23″,3 M |
| 76 10-16 | 17,41 G | 23,6 G |
| 78 9-12 | 17,39 J | 22,4 J |
| 9-27 | 17,32 G | 21,5 G |
| 10-12 | 17,27 J | 22,0 J |

### 32787 P. — 44672 à 74 L.

| A. M. J. | Æ | D |
|---|---|---|
| I. | $22^h42^m$ | 86°44′ |
| 39 9-8 | 46$^s$,05 G | |
| 41 9-11 | 46,07 G | |
| II. | $22^h43^m$ | 86°40′ |
| 55 10-8 | 31$^s$,62 G | 9″,6 G |
| 56 8-9 | 31,69 G | |
| 10-30 | 31,56 G | |
| 57 9-21 | 31,93 G | |
| 58 8-27 | 31,66 G | 10,5 G |

### 32787 P. (suite).

| A. M. J. | Æ | D |
|---|---|---|
| III. | $22^h44^m$ | 86°35′ |
| 80 10-30 | 17$^s$,42 J | 28″,5 J |
| 81 9-13 | 17,61 J | 27,1 J |
| 9-16 | 17,57 J | 27,1 J |
| 9-29 | 17,39 J | 28,7 J |
| 10-19 | 17,35 J | 28,1 J |

### 32788 P. — 44688 L.

| A. M. J. | Æ | D |
|---|---|---|
| II. | $22^h43^m$ | 66°12′ |
| 58 10-15 | | 40″,4 G |
| 59 10-22 | 36$^s$,46 G | |
| 11-20 | 36,28 G | |

### 32789 P. — 21 Poisson austr.

| A. M. J. | Æ | D |
|---|---|---|
| I. | $22^h42^m$ | 120°21′ |
| 45 8-22 | 47$^s$,27 G | |
| 8-24 | 47,28 G | |
| 9-5 | 47,40 G | |
| 9-9 | 47,25 G | |
| 48 12-10 | 47,19 G | |
| 53 7-31 | | 19″,7 G |
| II. | $22^h43^m$ | 120°16′ |
| 54 8-20 | 37$^s$,28 G | |

### 32790 P. — 44691 L.

| A. M. J. | Æ | D |
|---|---|---|
| II. | $22^h43^m$ | 54°1′ |
| 59 11-10 | | 61″,2 G |
| 11-23 | | 60,3 G |
| 60 9-20 | 46$^s$,36 G | 59,6 G |
| 9-29 | 46,16 G | 60,3 G |
| 61 9-2 | 46,24 G | 60,6 G |

### 32791 P. — 17150 Bonn.

| A. M. J. | Æ | D |
|---|---|---|
| III. | $22^h44^m$ | 47°8′ |
| 80 9-26[1] | 27$^s$,62 M | 50″,0 M |

[1] D augmentée de 9″,3 : erreur de moy.

### 32792 P. — 44669 L.

| A. M. J. | Æ | D |
|---|---|---|
| I. | $22^h42^m$ | 114°35′ |
| 48 9-15 | 52$^s$,27 G | |
| 9-16 | 52,27 G | |
| II. | $22^h43^m$ | 114°30′ |
| 54 10-31[1] | 41$^s$,38 G | |
| 55 9-24 | 41,30 G | 23″,0 G |
| 58 10-6 | | 25,3 G |

### 32792 P. (suite).

| A. M. J. | Æ | D |
|---|---|---|
| III. | $22^h44^m$ | 114°25′ |
| 81 9-29 | 30$^s$,46 M | 40″,0 M |
| 10-4 | 30,31 M | 38,0 M |

[1] Indiquée à tort comme 44709 L. (distance des fils).

### 32793 P. — 44695 L.

| A. M. J. | Æ | D |
|---|---|---|
| II. | $22^h43^m$ | 55°40′ |
| 67 11-8 | | 7″,3 G |
| III. | $22^h44^m$ | 55°35′ |
| 68 10-10 | 31$^s$,40 G | 21″,9 G |
| 10-13 | 31,37 G | 22,1 G |

### 32794 P. — 44690 L.

| A. M. J. | Æ | D |
|---|---|---|
| I. | $22^h43^m$ | 71°40′ |
| 41 10-11[1] | 4$^s$,26 G | |
| II. | $22^h43^m$ | 71°35′ |
| 56 8-7 | 47$^s$,81 G | |
| 8-14 | | 54″,2 G |
| 9-6 | 47,97 G | 54,8 G |
| 58 9-12 | | 55,8 G |
| 9-27 | 48,06 G | 57,2 G |

[1] Æ diminuée de $1^m$.

### 32795 P. — 44703 L.

| A. M. J. | Æ | D |
|---|---|---|
| III. | $22^h44^m$ | 40°38′ |
| 81 10-19 | 32$^s$,38 G | 47″,2 G |
| 10-22 | 32,39 G | 45,7 G |

### 32796 P. — 44698 L.

| A. M. J. | Æ | D |
|---|---|---|
| II. | $22^h43^m$ | 48°48′ |
| 56 11-3 | 56$^s$,24 G | |
| III. | $22^h44^m$ | 48°41′ |
| 80 9-10 | 36$^s$,35 G | 12″,0 G |
| 81 9-29 | 36,85 G | 12,5 G |

### 32797 P. — 44686-87 L.

| A. M. J. | Æ | D |
|---|---|---|
| II. | $22^h43^m$ | 100°3′ |
| 54 8-25 | 52$^s$,10 G | |
| 8-27 | | 55″,1 G |
| 57 9-9 | | 56,5 G |
| 59 11-14 | | 54,7 G |

### 32797 P. (suite).

| A. M. J. | Æ | D |
|---|---|---|
| III. | $22^h44^m$ | 99°59′ |
| 76 10-16 | 39$^s$,21 M | 12″,1 M |
| 78 9-29[1] | 39,25 M | 11,9 M |
| 10-8 | 39,32 M | 12,9 M |

[1] Æ diminuée de $1^m$.

### 32798 P. — 10683 Rümker.

| A. M. J. | Æ | D |
|---|---|---|
| II. | $22^h43^m$ | 66°57′ |
| 58 8-8 | 58$^s$,01 G | |

### 32799 P. — 44704 à 07 L.

| A. M. J. | Æ | D |
|---|---|---|
| I. | $22^h43^m$ | 48°51′ |
| 48 11-23 | | 58″,1 G |
| 49 9-30 | 22$^s$,96 G | |
| 52 12-18 | 23,10 G | |
| II. | $22^h44^m$ | 48°47′ |
| 56 11-3 | 3$^s$,29 G | |
| 58 11-11 | 3,35 G | 13″,2 G |
| 61 11-13 | 3,55 G | |
| 67 10-3 | 3,06 M | 13,0 M |
| III. | $22^h44^m$ | 48°42′ |
| 68 11-20 | 43$^s$,53 M | 29″,3 M |
| 79 9-2 | 43,56 G | 27,4 G |
| 80 9-11 | 43,64 G | 26,9 G |
| 10-25 | 43,32 G | 28,4 G |

### 32800 P. — 44692-93 L.

| A. M. J. | Æ | D |
|---|---|---|
| II. | $22^h43^m$ | 72°44′ |
| 56 8-14[1] | 59$^s$,96 G | |
| 57 10-3 | 59,85 G | 20″,4 G |
| 58 9-8 | | 21,3 F |
| 59 8-29 | 59,96 G | 20,7 G |

[1] Æ augm. de $1^s$ : l'observateur a diminué arbitrairement de $1^s$ le premier fil, au lieu d'augmenter de $1^s$ les 4 derniers fils.

### 32801 P. — 44699 L.

| A. M. J. | Æ | D |
|---|---|---|
| III. | $22^h44^m$ | 58°13′ |
| 68 10-7 | 46$^s$,18 G | 4″,5 G |
| 10-8 | 46,12 G | 3,2 G |

### 32802 P. — 4720 A + 22°.

| A. M. J. | Æ | D |
|---|---|---|
| II. | $22^h44^m$ | 67°2′ |
| 58 8-8 | 11$^s$,95 G | |

Dates 1800+ — Positions moyennes pour les époques du Catal.

### 32803 P. — 44696-97 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 22h 44m | 85°57' |
| 56 9- 4 | 16s,39 G | |
| 10-19 | | 15",8 G |
| 57 9-24 | | 16,2 G |
| 58 8-23 | 16,34 G | |
| 59 8-28 | 16,52 G | |

### 32804 P. — 44714 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 22h 44m | 56°16' |
| 60 10-25 | 20s,20 G | |
| 61 10- 4 | 20,28 G | |
| III. | 22h 45m | 56°11' |
| 73 9-19 | 2s,12 M | 47",8 M |
| 10-16 | 1,94 G | 45,8 G |
| 74 9-19 | 2,07 G | 42,7 G |

### 32805 P. — 44694 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 22h 44m | 104°36' |
| 54 8-26 | 15s,31 G | 4",0 G |
| 67 9-27 | 15,59 M | 3,0 M |
| III. | 22h 45m | 104°31' |
| 78 10-22 | 3s,26 M | 21",0 M |

### 32806 P. — 44716 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| III. | 22h 45m | 48°39' |
| 80 9-14 | 6s,57 G | 14",1 G |

### 32807 P. — 44702 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 22h 44m | 85°44' |
| 57 10- 2 | 21s,33 G | 5",2 G |
| 58 11- 4 | | 4,4 G |
| III. | 22h 45m | 85°39' |
| 71 10-16 | 7s,08 M | 20",9 M |
| 73 11- 3 | 7,01 M | |

### 32808 P. — 44700-01 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 22h 43m | 92°37' |
| 48 10-25 | 34s,64 G | |
| 10-26 | 34,71 G | 59",2 G |
| 10-27 | 34,63 G | |
| II. | 22h 44m | 92°33' |
| 55 8-13 | 21s,03 G | |
| 8-17 | | 11",6 G |
| 56 11- 3 | | 14,1 G |

### 32808 P. (suite).

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| III. | 22h 45m | 92°28' |
| 79 10-12 | 7s,28 J | 30",6 J |

### 32809 P. — 44708 et 10 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 22h 44m | 76°46' |
| 57 9- 6 | 26s,05 G | 45",1 G |
| 10-20 | 26,07 G | 45,6 G |
| 58 9-25[1] | 26,29 G | 44,1 G |

[1] 𝒫 augmentée de 10" : erreur de 20" sur l'un des deux microscopes lus.

### 32810 P. — ι Céphée.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 22h 44m | 24°36' |
| 37 1-11[1] | 10s,81 G | 48",9 F |
| 38 10-29 | 10,79 G | 50,2 F |
| 10-30 | 10,87 G | 50,5 F |
| 46 10-21 | | 49,9 G |
| 11-13[2] | | 49,8 G |
| 52 11-25 | | 51,2 G |
| 11-25 | | 50,4 F |
| 11 27 | | 50,8 G |
| 11-27 | | 51,3 F |
| 11-27 I | | 51,3 G |
| 11-27 I | | 50,4 F |
| 12- 8 I | | 52,3 G |
| 12- 8 I | | 51,2 F |
| 12-10 | | 49,4 F |
| 12-10 I | | 52,0 G |
| 12-10 I | | 50,6 F |
| 12-11 | | 48,9 G |
| 12-11 I | | 50,8 G |
| 12-11 I | | 50,3 F |
| 12-13 I | | 50,7 F |
| 12-15 | | 50,4 G |
| 12-15 | | 50,5 F |
| 12-17 | | 51,1 F |
| 12-18 | | 50,4 G |
| 12-18 | | 49,7 F |
| 12-19 I | | 50,1 F |

[1] 𝒫 augmentée de 20'.
[2] 𝒫 augmentée de 0",3 : erreur de réduct.

### 32811 P. — 44718 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 22h 44m | 56°21' |
| 59 11-18 | | 28",2 G |
| 60 10- 9 | 34s,08 G | 27,8 G |
| 10-25 | 34,12 G | 27,8 G |
| 61 10- 4 | 34,00 G | 28,0 G |
| 62 10- 1 | 34,07 G | 29,0 G |
| 66 9-17[1] | 34,04 G | |
| 9-20 | 34,01 G | |
| 10-16 | 33,96 G | 28,1 G |
| III. | 22h 45m | 56°16' |
| 68 10-20 | 15s,61 G | 44",3 G |
| 10-22 | 15,80 G | 43,0 G |

[1] Æ diminuée de 1s : erreur de moy.

### 32812 P. — 44711 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 22h 44m | 88°57' |
| 57 8-22 | 32s,97 G | |
| 11-18 | 32,94 G | |
| 58 9-28 | 33,02 G | 42",7 G |
| III. | 22h 45m | 88°52' |
| 73 10-28 | 18s,89 M | |
| 74 9-15 | 19,17 M | 58",7 M |
| 10- 8 | 18,98 M | 58,2 M |

### 32813 P. — 44717 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 22h 44m | 61°30' |
| 58 10- 4 | 37s,52 G | 24",7 G |
| III. | 22h 45m | 61°25' |
| 71 10-12 | 20s,07 G | |

### 32814 P. — 44712-13 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 22h 43m | 86°2' |
| 41 9-20 | 49s,95 G | |
| II. | 22h 44m | 85°57' |
| 55 11-26 | 35s,33 G | 20",3 G |
| 56 9- 4 | 35,22 G | |
| 58 8-23 | | 17,0 G |
| 59 8-28 | 35,40 G | 21,2 G |
| III. | 22h 45m | 85°52' |
| 72 10-25 | 21s,00 G | 36",1 G |
| 81 10- 5 | 21,16 J | 36,6 J |

### 32815 P. — 44738 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| III. | 22h 45m | 38°36' |
| 80 9- 9 | 25s,90 G | 23",9 G |
| 10-30 | 25,39 G | 21,6 G |

### 32816 P. — 44721 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 22h 44m | 64°25' |
| 40 8-30 | 1s,77 G | 48",6 F |
| 8-31 | 1,74 G | 47,3 F |
| 10-10 | 1,64 G | 48,8 F |
| 10-12 | 1,68 G | |
| 10-13 | 1,54 G | |
| II. | 22h 44m | 64°21' |
| 57 10-24 | | 2",3 G |
| 58 8-31 | 44s,84 G | |
| 9-15 | 44,72 G | |
| 9-18 | | 1,1 G |
| 11- 7[1] | 44,75 G | 2,0 G |

[1] Æ augmentée de 0s,80 : erreur de 1s sur les quatre derniers fils.

### 32817 P. — 44709 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 22h 44m | 109°31' |
| 54 9- 1 | | 27",3 G |
| 9- 3 | 40s,53 G | 31,2 G |
| III. | 22h 45m | 109°26' |
| 78 9-11 | 28s,72 M | 53",6 M |

Les deux dist. pol. de la période II paraissent trop faibles La période III s'accorde avec 3848 Cincinnati.

### 32818 P. — 44726-27 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 22h 44m | 47°30' |
| 58 11-28 | 49s,86 G | |
| 60 10-26 | 49,65 G | 10",9 G |
| 11-16 | | 10,2 G |
| 67 11- 2 | 49,54 M | 9,1 M |
| 11- 7 | 49,53 M | 9,0 M |

### 32819 P. — 1041 à 43 W$_2$.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 22h 44m | 62°49' |
| 43 10- 5[1] | 6s,93 G | 11",1 G |

[1] 𝒫 diminuée de 1' : erreur de réduct.

### 32820 P. — 22 γ Poisson austr.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 22h 43m | 123°41' |
| 37 12-14 | 53s,60 G | |
| 12-15 | 53,70 G | |
| 38 8-13 | 53,74 G | |
| 8-15 | 53,74 G | |
| 53 9-11 | 53,33 G | |

### 32821 P. — 44722 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 22h 44m | 75°39' |
| 56 9-14 | | 22",2 G |
| 9-16 | 50s,91 G | 22,0 G |
| 58 9-11 | 50,92 G | 22,2 G |
| 10- 1 | 50,72 G | 22,4 G |
| III. | 22h 45m | 75°34' |
| 71 9- 9 | 35s,70 G | |

### 32822 P. — 44725 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| III. | 22h 45m | 53°44' |
| 80 9-27 | 36s,16 J | 10",5 J |
| 9-28 | 36,03 J | 12,3 J |

### 32823 P. — 44745 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 22h 44m | 42°7' |
| 67 9-11 | 59s,00 M | 11",6 M |

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|

**32823 P. (suite).**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 22h45m | 42°2′ |
| 81 10-22 | 38s,06 M | 26″,7 M |

**32824 P. — 22454 A. O.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 22h44m | 112°31′ |
| 41 10-18 | 1s,07 G | |
| 10-19 | 1,07 G | |
| 10-20 | 1,23 G | |
| 10-21 | 1,12 G | |

**32825 P. — 13746 Cambridge.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h44m | 64°21′ |
| 58 8-31 | 58s,36 G | |
| 9-15 | 57,85 G | |
| 11-7[1] | 58,23 G | |

[1] 𝒜 augm. de 1s : observée avec 44721 L. dont les quatre derniers fils sont également en erreur de 1s.

**32826 P. — 44732 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h44m | 57°55′ |
| 59 10-27 | | 33″,7 G |
| 60 9-9 | 59s,99 G | 32,5 G |
| 62 9-2 | 59,90 G | 31,9 G |
| 9-17 | 60,15 G | 31,9 G |

**32827 P. — 44741 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 22h45m | 54°9′ |
| 73 10-17 | 43s,88 G | 29″,6 G |
| 10-28 | 43,91 G | |
| 74 11-4 | 43,98 M | 29,1 M |

**32828 P. — 6291 Sf. — 13°.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h44m | 103°17′ |
| 67 9-16 | 57s,95 M | 38″,7 M |

**32829 P. — 44752 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 22h45m | 38°23′ |
| 81 9-30 | 45s,56 G | 35″,8 G |
| 10-1 | 45,52 G | 37,8 G |

**32830 P. — 44750 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 22h45m | 41°55′ |
| 80 10-12 | 46s,44 G | 43″,4 G |
| 81 10-4 | 46,79 G | 45,3 G |

**32831 P. — 44746 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h45m | 53°56′ |
| 66 9-5[1] | 9s,60 G | |
| III. | 22h45m | 53°51′ |
| 80 10-18 | 50s,98 J | 26″,1 J |
| 10-24 | 50,85 J | 26,4 J |

[1] Indiquée à tort comme 44732 L. (dist. des fils).

**32832 P. — 44720 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h45m | 109°46′ |
| 57 10-26 | | 45″,9 G |
| III. | 22h45m | 109°42′ |
| 79 9-25 | 54s,46 J | 0″,6 J |
| 81 9-28 | 54,35 M | 0,1 M |
| 9-30 | 54,37 M | 0,9 M |

**32833 P. — 44719 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h45m | 116°15′ |
| 55 8-11 | 10s,09 G | |
| 9-7 | 10,17 G | 19″,4 G |
| III. | 22h45m | 116°10′ |
| 81 10-10 | 59s,39 M | 36″,0 M |
| 10-18 | 59,23 M | 35,6 M |

**32834 P. — 44751 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 22h46m | 53°25′ |
| 68 10-27 | 1s,97 G | 51″,6 G |
| 10-28 | 2,05 G | 55,5 G |

**32835 P. — 44723 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h45m | 115°56′ |
| 58 9-9 | 14s,19 G | 58″,0 G |
| 10-29 | 14,26 G | 58,5 G |

**32836 P. — 44739-40 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 22h44m | 80°59′ |
| 37 10-3 | 32s,52 G | |
| 10-4 | 32,56 G | |
| 40 9-20 | 32,48 G | |
| 10-3 | 32,81 G | |
| 10-6 | 32,78 G | |
| 42 10-3 | 32,66 G | |
| 10-5 | 32,82 G | 14″,4 F |
| 10-6 | 32,86 G | |
| 10-7 | 32,87 G | |
| 10-8 | 32,85 G | |
| 10-9 | 32,64 G | |

**32836 P. (suite).**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 22h44m | 80°59′ |
| 42 10-10 | 32s,72 G | |
| 10-11 | 32,78 G | |
| 10-13 | 32,88 G | |
| 51 9-5 | 32,94 G | |
| II. | 22h45m | 80°54′ |
| 55 10-16 | 18s,14 G | 31″,3 G |
| 56 9-20 | | 29,3 G |
| 57 8-27 | 18,40 G | |
| 11-4 | 18,26 G | |

**32837 P. — 44749 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h45m | 61°20′ |
| 58 9-19 | 21s,75 G | 30″,2 G |
| 59 8-21 | 21,44 G | 26,6 G |
| III. | 22h46m | 61°15′ |
| 71 11-5 | 4s,06 G | |

**32838 P. — 44728 à 31 et 33 L.**

73 λ Verseau.

Étoile fondamentale.

**32839 P. — 1057 W$_2$.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 22h46m | 49°20′ |
| 80 9-20 | 9s,27 G | 58″,2 G |
| 9-27 | 9,28 G | 58,9 G |

**32840 P. — 44734-35 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 22h44m | 100°52′ |
| 47 11-13 | 35s,72 G | |
| II. | 22h45m | 100°48′ |
| 54 8-29 | 23s,19 G | 6″,2 G |
| 58 9-12 | | 6,2 G |

**32841 P. — 44748 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h45m | 74°51′ |
| 56 8-13 | 27s,04 G | 32″,6 G |
| 10-13 | 27,05 G | 33,1 G |
| 59 11-12 | 26,95 G | 33,4 G |

**32842 P. — 44743-44 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 22h44m | 87°16′ |
| 41 9-10 | 39s,96 G | |
| 9-11 | 40,16 G | |
| 42 10-28 | 40,11 G | |

**32842 P. (suite).**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h45m | 87°11′ |
| 55 11-11 | 25s,64 G | 25″,1 G |
| 58 9-13 | 25,59 G | 23,6 G |
| III. | 22h46m | 87°6′ |
| 81 10-19 | 11s,55 M | 40″,0 M |
| 10-31 | 11,32 M | 40,6 M |

**32843 P. — 44742 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h45m | 93°22′ |
| 55 9-22 | 26s,64 G | 5″,9 G |
| 57 9-18 | | 7,2 G |
| III. | 22h46m | 93°17′ |
| 76 9-23 | 12s,94 G | 21″,3 G |
| 10-14 | 12,99 G | 22,2 G |

**32844 P. — 44737 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h45m | 103°50′ |
| 54 9-21 | 25s,71 G | 28″,3 G |
| 9-28 | | 28,8 G |
| 9-30 | | 28,5 G |
| III. | 22h46m | 103°45′ |
| 78 10-16 | 13s,21 M | 43″,0 M |

**32845 P. — 13755 Cambridge.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h45m | 61°9′ |
| 58 9-10 | 32s,29 G | |

**32846 P. — 44747 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h45m | 84°43′ |
| 60 9-8 | | 27″,1 G |
| 9-12 | 29s,93 G | 26,3 G |
| 10-29 | 29,98 G | 26,1 G |
| 61 9-18 | 29,73 G | 26,5 G |
| 9-26 | 29,90 G | 26,2 G |

**32847 P. — 944 W$_2$.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 22h44m | 83°9′ |
| 41 9-13 | 46s,55 G | |

**32848 P. — 44736 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h45m | 115°53′ |
| 55 8-17 | 29s,42 G | |
| 58 9-9 | 29,53 G | |
| 10-6 | | 26″,2 G |
| 10-29 | 30,00 G | |

Dates 1800+ — Positions moyennes pour les époques du Catal.

### 32849 P. — 44755 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h45m | 55°11' |
| 59 11-10 | | 40",0 G |
| 61 9-27 | 37s,93 G | 39,5 G |
| 9-30 | 37,83 G | |
| 10-2 | 37,90 G | 41,1 G |

### 32850 P. — 44761-62 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 22h46m | 43°55' |
| 72 9-23 | 20s,11 M | 35",9 M |
| 74 10-7 | | 37,7 G |
| 79 9-16 | 20,08 G | 37,0 G |

### 32851 P. — 44758 à 60 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 22h45m | 47°30' |
| 41 8-19 | | 34",2 F |
| II. | 22h45m | 47°25' |
| 58 11-28 | 43s,76 G | |
| 60 10-26 | | 51",0 G |
| 11-16 | | 50,3 G |
| 62 9-15 | 43,44 G | 51,3 G |
| 9-19[1] | 43,56 G | 49,5 G |
| 63 9-11 | 43,48 G | |
| 10-12 | 43,58 G | |
| 10-19 | 43,70 G | |
| 64 9-12 | 43,56 G | |
| 9-22 | 43,50 G | |
| 9-23 | 43,47 G | |
| 9-30 | 43,60 G | |
| 10-24 | 43,58 G | |
| 10-27 | 43,59 G | |
| 65 9-2 | 43,48 G | |
| 9-5 | 43,60 G | |
| 9-12 | 43,53 G | |
| 10-5 | 43,55 G | |
| 10-6 | 43,45 G | |
| III. | 22h46m | 47°21' |
| 72 9-7 | 23s,80 G | |

[1] 𝒫 augmentée de 1'.

### 32852 P. — 3028 Br.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 22h45m | 29°7' |
| 39 8-24 | | 34",3 F |
| 9-9 | 20s,12 G | 36,0 F |
| 9-10 | | 35,9 F |
| 9-18 | 20,20 G | |
| 40 8-28 | 20,34 G | 33,2 F |
| 9-10 | 20,29 G | |
| 49 10-5 | 20,12 G | |

### 32853 P. — 44764 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 22h46m | 51°55' |
| 74 11-6 | 30s,66 M | 2",1 M |
| 79 10-4 | 30,61 G | 1,9 G |

### 32854 P. — 44754 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h45m | 86°42' |
| 56 9-23 | | 25",0 G |
| 10-5 | 54s,06 G | |
| 10-25 | | 25,3 G |
| III. | 22h46m | 86°37' |
| 75 10-12 | 39s,89 M | 39",4 M |
| 10-16 | 39,69 M | 39,1 M |
| 10-23 | 39,70 M | 39,4 M |

### 32855 P. — 44769 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h46m | 55°24' |
| 59 11-18 | | 18",3 G |
| 61 11-1 | 3s,07 G | 18,3 G |
| 66 9-15 | 3,16 G | |
| 9-26 | 3,19 G | 16,5 G |
| III. | 22h46m | 55°19' |
| 73 11-6 | 44s,90 G | |
| 74 10-31 | 44,65 M | 31",5 M |
| 11-5 | 44,75 M | 32,2 M |

### 32856 P. — 44778 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 22h46m | 46°22' |
| 80 9-28 | 49s,17 G | 36",8 G |
| 81 10-15 | 49,36 G | 36,7 G |

### 32857 P. — 44772 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I | 22h45m | 61°22' |
| 43 10-23 | 27s,83 G | |
| 10-24 | | 48",2 G |
| II. | 22h46m | 61°18' |
| 58 9-10 | | 1",6 G |
| 10-16 | 10s,47 G | |
| 11-1 | 10,84 G | 1,8 G |
| 11-22 | 10,48 G | 1,6 G |
| III. | 22h46m | 61°13' |
| 71 10-14 | 52s,83 G | 17",9 G |

### 32858 P. — 44766 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 22h45m | 73°58' |
| 39 9-7 | 24s,82 G | 47",8 F |
| 9-8 | 24,59 G | 45,8 F |
| 9-9 | | 48,6 F |
| 41 10-11 | 24,72 G | |
| 10-12 | | 49,6 F |
| II. | 22h46m | 73°54' |
| 56 8-7 | 8s,81 G | |
| 11-14 | | 1",8 G |

### 32859 P. — 44756 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 22h45m | 102°26' |
| 39 9-10 | | 20",2 F |
| 9-11 | 18s,62 G | 19,1 F |
| 9-13 | | 17,1 F |
| 9-15 | 18,68 G | |
| 40 10-30 | 18,82 G | |
| 10-31[1] | 18,78 G | |
| 49 9-17 | 18,86 G | |
| 9-21 | 18,81 G | |
| 50 9-9 | | 20,5 G |
| 52 11-16 | 18,79 G | |
| 53 7-19 | 18,75 G | |
| II. | 22h46m | 102°21' |
| 54 8-31 | | 36",4 G |
| 9-16 | 6s,10 G | |
| 58 11-30 | | 35,5 G |
| III. | 22h46m | 102°16' |
| 77 9-4 | 53s,57 M | 49",5 M |
| 9-11 | 53,71 G | |
| 9-12 | 53,79 M | 49,1 M |
| 9-13 | 53,66 M | 49,4 M |
| 9-14 | 53,73 M | 49,7 M |

[1] Erreur de 1° dans la déclinaison approchée indiquée.

### 32860 P. — 44763 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h46m | 96°43' |
| 55 9-9 | 11s,48 G | |
| 58 8-12 | 11,58 G | |
| 9-8 | 11,59 G | |
| III. | 22h46m | 96°39' |
| 75 11-2 | 58s,45 M | 1",0 M |
| 76 10-14 | 58,33 M | 1,7 M |

### 32861 P. — 44771 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h46m | 74°14' |
| 57 8-30 | 16s,51 G | |
| 58 9-8 | | 0",7 F |
| 9-27 | 16,52 G | 0,7 G |

### 32862 P. — 44785 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 22h47m | 4[illegible]°52' |
| 74 9-12 | 3s,33 M | 28",5 M |
| 10-10 | 3,21 M | 28,0 M |
| 75 9-6 | 3,21 M | 28,0 M |

### 32863 P. — 44765 et 67 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h46m | 93°2' |
| 55 10-5 | 18s,36 G | |
| 12-3 | | 53",8 G |
| 56 7-26 | | 50,2 G |

### 32863 P. (suite).

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 22h47m | 92°58' |
| 78 9-27 | 4s,85 G | 5",5 G |
| 10-12 | 4,76 J | 6,6 J |

### 32864 P. — 44768 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h46m | 95°51' |
| 58 8-12 | 21s,40 G | 6",2 G |
| 8-15 | | 7,9 G |
| 9-8 | 21,26 G | 7,7 G |
| 9-9 | | 6,7 F |

### 32865 P. — 44786 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 22h47m | 52°2' |
| 81 7-13 | 9s,52 J | 52",4 J |
| 9-13 | 9,57 J | 49,7 J |
| 10-1 | 9,68 J | 50,2 J |
| 10-17 | 9,43 J | 50,3 J |

### 32866 P. — 44781 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h46m | 63°45' |
| 57 10-22 | 27s,21 G | |
| 12-18 | 27,26 G | 51",3 G |
| 59 11-13 | | 52,8 G |

### 32867 P. — 44776-77 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h46m | 86°30' |
| 57 10-15 | 28s,77 G | |
| 11-18 | 28,74 G | |
| 62 9-6 | 28,70 G | |
| 9-12 | 28,73 G | 33",0 G |
| III. | 22h47m | 86°25' |
| 80 9-11 | 14s,57 M | 46",8 M |

### 32868 P. — 44774 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h46m | 98°8' |
| 58 8-27 | | 0",9 F |
| III. | 22h47m | 98°3' |
| 79 10-7 | 15s,39 M | 14",8 M |
| 81 10-15 | 15,61 M | 15,8 M |

### 32869 P. — 44788-89 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 22h47m | 44°6' |
| 72 9-25 | 17s,42 M | 54",3 M |
| 79 9-25 | 17,33 G | 53,3 G |
| 10-11 | 17,22 G | 54,1 G |

Dates 1800 + | Positions moyennes pour les époques du Catal.

**32870 P. — 44773 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | $22^h45^m$ | 109°59′ |
| 41 10-18 | $46^s,18$ G | |
| 10-19 | 46,15 G | |
| 10-20 | 46,23 G | |
| 10-21 | 46,24 G | |
| | II. | |
| | $22^h46^m$ | 109°55′ |
| 58 11-10 | | 7″,8 F |
| | III. | |
| | $22^h47^m$ | 109°50′ |
| 81 9-29 | $23^s,09$ M | 23″,8 M |

**32871 P. — 44795 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $22^h46^m$ | 50°34′ |
| 59 10-27 | | 34″,1 G |
| 61 10-24 | $48^s,16$ G | 31,3 G |
| | III. | |
| | $22^h47^m$ | 50°29′ |
| 74 10-24 | $28^s,85$ M | 48″,8 M |

**32872 P. — 44782 à 84 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $22^h46^m$ | 88°53′ |
| 55 9-21 | | 58″,2 G |
| 10- 8 | $43^s,27$ G | 60,0 G |
| | III. | |
| | $22^h47^m$ | 88°49′ |
| 71 9-16 | $28^s,93$ M | 13″,4 M |
| 10-10 | 28,96 M | |

**32873 P. — 44779-80 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | $22^h45^m$ | 103°0′ |
| 49 9-25 | $56^s,28$ G | |
| 51 10-12 | 56,31 G | |
| 10-13 | 56,29 G | |
| | II. | |
| | $22^h46^m$ | 102°55′ |
| 54 9- 2 | $43^s,88$ G | 56″,7 G |
| 59 10- 3 | | 54,5 G |
| 67 9-27 | 44,22 M | 55,7 M |
| | III. | |
| | $22^h47^m$ | 102°51′ |
| 77 9-11 | $31^s,59$ M | 12″,0 M |
| 9-15 | 31,47 M | 11,2 M |
| 10-19 | 31,79 M | |
| 10-20 | 31,53 M | 14,6 M |
| 10-26 | 31,51 M | 12,0 M |
| 78 9-12 | 31,56 M | 12,6 M |
| 81 10- 4 | 31,47 M | 11,3 M |

**32874 P. — 44798 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $22^h46^m$ | 59°58′ |
| 58 9-24 | $57^s,09$ G | 51″,1 G |
| 9-25 | 57,18 G | 52,7 G |

**32875 P. — 44807 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $22^h47^m$ | 52°13′ |
| 73 10- 8 | $46^s,02$ G | 10″,7 G |
| 79 10-16 | 45,80 G | 11,1 G |
| 10-20 | 45,74 G | 10,3 G |

**32876 P. — 1082 $W_2$.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $22^h47^m$ | 70°53′ |
| 58 11- 3[1] | $4^s,28$ G | |
| 59 9- 8[2] | 4,28 G | |

[1] La décl. approchée indiquée est complètement erronée : on a pris pour la hauteur correspondant à cette observation et à la suivante, la dist. pol. de β Gr. Ourse dont le passage inférieur a été observé au Cercle.

[2] 𝒜 augmentée de $9^m$ : observée avec 44808 L., on a inscrit la minute de l'étoile précédente dans la série.

**32877 P. — 44794 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $22^h47^m$ | 85°9′ |
| 58 11- 4 | | 33″,4 G |
| 11-10 | | 32,7 G |
| 12- 1 | $4^s,56$ G | |
| | III. | |
| | $22^h47^m$ | 85°4′ |
| 71 10-16 | $49^s,95$ M | 47″,7 M |

**32878 P. — 44805-06 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | $22^h46^m$ | 62°11′ |
| 43 8- 8 | $25^s,90$ G | 42″,4 G |
| 8- 8 | | 41,7 F |
| 8- 9 | 25,89 G | |
| 8-11 | | 41,8 F |
| 8-12 | 25,95 G | 41,5 G |
| 8-12 | | 40,5 F |
| 8-14 | | 42,4 G |
| | II. | |
| | $22^h47^m$ | 62°6′ |
| 58 8-30 | $8^s,36$ G | 58″,0 G |
| 10- 2 | 8,67 G | 58,1 G |
| 59 8-22 | | 58,1 G |

**32879 P. — 44790 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $22^h47^m$ | 91°47′ |
| 58 9-27 | | 30″,7 F |
| | III. | |
| | $22^h47^m$ | 91°42′ |
| 80 9-26 | $52^s,78$ M | 45″,7 M |

**32880 P. — 3038 Br.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | $22^h47^m$ | 7°40′ |
| 52 12-28 | $56^s,34$ G | |
| 12-28 I | 54,90 G | |
| 53 4-17 I | 55,02 G | |
| 4-20 I | 54,88 G | |
| 4-27 I | 54,94 G | |
| 5-10 I | 55,78 G | |
| 9-20 | 56,04 G | |
| 10-20 | 56,18 G | |
| 10-24 | 55,85 G | |
| 11- 4 | 55,36 G | |

**32881 P. — 977 $W_1$.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | $22^h46^m$ | 77°9′ |
| 40 10-10 | $26^s,57$ G | |
| 10-12 | 26,73 G | |
| 10-13 | 26,54 G | |

**32882 P. — 44811-12 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $22^h47^m$ | 47°0′ |
| 80 8-19 | $56^s,60$ G | 42″,3 G |
| 9-26 | 56,37 G | 41,6 G |

**32883 P. — 44803 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $22^h47^m$ | 76°23′ |
| 57 10-20 | $12^s,28$ G | 29″,7 G |
| | III. | |
| | $22^h47^m$ | 76°18′ |
| 79 10-11 | $56^s,88$ M | 43″,7 M |

**32884 P. — 44804 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $22^h47^m$ | 71°8′ |
| 56 9- 8 | | 48″,2 G |
| 57 10- 3 | $13^s,18$ G | 47,4 G |
| 58 9-12 | | 48,8 G |
| | III. | |
| | $22^h47^m$ | 71°4′ |
| 79 9- 2 | $57^s,29$ G | 1″,4 G |

**32885 P. — 17209 Bonn.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $22^h47^m$ | 42°2′ |
| 80 11- 3 | $59^s,19$ G | |

**32886 P. — 44791 à 93 L.**

**76 δ Verseau.**

Étoile fondamentale.

**32887 P. — 44808-09 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $22^h47^m$ | 70°50′ |
| 58 10- 8 | | 47″,8 G |
| 11- 3[1] | $17^s,76$ G | |
| 59 9- 8 | 17,61 G | 49,0 G |
| 11-14 | | 48,3 G |
| | III. | |
| | $22^h48^m$ | 70°46′ |
| 71 9- 9 | $1^s,74$ G | |

[1] *Voir* 32876 P.

**32888 P. — 44800 et 02 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | $22^h46^m$ | 98°1′ |
| 48 10-25 | $29^s,60$ G | |
| 10-26 | 29,79 G | |
| | II. | |
| | $22^h47^m$ | 97°56′ |
| 55 8-16 | | 50″,9 G |
| 9-16 | $16^s,56$ G | |
| 10-15[1] | 16,53 G | |
| 57 9-14[2] | | 51,6 G |
| 59 9-11 | 16,53 G | |
| 66 10-20 | 16,76 M | 52,7 M |
| 10-20 | | 51,7 G |
| | III. | |
| | $22^h48^m$ | 97°52′ |
| 79 10-12 | $3^s,71$ J | 6″,9 J |

[1] 𝒜 diminuée de $1^m$ : err. de transcr.
[2] 𝒫 augmentée de 1′.

**32889 P. — 44821 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $22^h47^m$ | 45°59′ |
| 64 10-20 | | 39″,5 G |
| 10-21 | | 40,0 G |
| 65 9-18 | | 40,4 G |
| 9-19 | | 40,0 G |
| 9-20 | | 40,1 G |
| 67 10-28 | $24^s,59$ M | 38,9 M |

**32890 P. — 24834 et 36 A. O.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | $22^h46^m$ | 30°43′ |
| 47 3- 4 I[1] | $53^s,68$ G | 22″,4 F |

[1] 𝒫 diminuée de 1′ : erreur de réduct.

**32891 P. — 44799 et 801 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | $22^h46^m$ | 107°5′ |
| 43 7-30 | $33^s,22$ G | |
| 46 10-21[1] | 32,85 G | |
| 53 10-12 | 32,93 G | |
| | II. | |
| | $22^h47^m$ | 107°0′ |
| 54 9-27 | | 46″,5 G |
| 11- 6 | | 46,7 G |
| 55 9- 9 | | 47,2 G |
| 61 9- 2 | $20^s,59$ G | 47,4 G |
| 10-18 | 20,90 G | 46,8 G |

### 32891 P. (suite).

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. Æ. | P. |
|---|---|---|
| III. | | |
| | 22h 48m | 106° 56′ |
| 80 10-24 | 8s,54 M | 1″,2 M |
| 81 9-30 | 8,33 M | 2,7 M |
| 10-18[2] | 8,16 M | 3,8 M |

[1] Æ augmentée de 1m.
[2] Æ augm. de 0s,09 et P augm. de 2″,7 : erreurs de réduction.

### 32892 P. — 44796-97 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| I. | | |
| | 22h 46m | 113° 11′ |
| 48 9- 9 | 32s,11 G | |
| II. | | |
| | 22h 47m | 113° 6′ |
| 57 10-26 | | 21″,7 G |
| 60 9-20 | 20s,61 G | 22,1 G |

### 32893 P. — 1093 $W_2$.

| A. M. J. | Æ. | P. |
|---|---|---|
| I. | | |
| | 22h 46m | 68° 25′ |
| 40 8-31 | 43s,32 G | |

### 32894 P. — 44817-18 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | | |
| | 22h 47m | 56° 32′ |
| 59 11-10 | | 10″,9 G |
| 62 9-16 | 29s,88 G | 11,5 G |
| 67 10-25 | | 13,0 G |
| 10-31[1] | | 13,8 G |
| III. | | |
| | 22h 48m | 56° 27′ |
| 68 10- 7 | 11s,68 G | 26″,8 G |
| 10- 8 | 11,67 G | 25,9 G |
| 69 10-12 | 11,63 M | 28,3 M |

[1] P augmentée de 10′ : erreur de réduct.

### 32895 P. — 44813. 15 et 16 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| I. | | |
| | 22h 46m | 62° 48′ |
| 43 9-28 | 47s,95 G | 21″,9 F |
| 10-14 | 48,21 G | |
| 10-18 | 48,27 G | 21,8 G |
| 10-19 | 48,36 G | |
| II. | | |
| | 22h 47m | 62° 43′ |
| 58 8- 8 | | 36″,8 G |
| 8-31 | 30s,86 G | |
| 10- 4 | 30,85 G | 34,8 G |
| III. | | |
| | 22h 48m | 62° 38′ |
| 71 10-23 | 13s,61 G | 48″,6 G |
| 11-14 | 13,60 G | |
| 74 9-15 | 13,60 G | 48,7 G |

### 32896 P. — 44830 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| III. | | |
| | 22h 48m | 42° 5′ |
| 80 9-29 | 19s,09 G | |
| 81 10-10 | 19,24 G | 28″,8 G |
| 10-17 | | 29,7 G |

### 32897 P. — 44810 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | | |
| | 22h 47m | 100° 7′ |
| 54 8-27 | 35s,71 G | 8″,6 G |
| III. | | |
| | 22h 48m | 100° 2′ |
| 79 9- 8 | 22s,78 M | 23″,1 M |

### 32898 P. — 44828 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | | |
| | 22h 47m | 50° 22′ |
| 66 9-28 | 42s,36 G | |
| 10- 9 | | 8″,9 G |
| III. | | |
| | 22h 48m | 50° 17′ |
| 68 10-29 | 23s,09 G | 20″,6 G |
| 73 10-17 | 23,14 G | 19,7 G |
| 74 9-15 | 23,10 M | 20,6 M |
| 10- 8 | 23,10 M | 20,3 M |
| 10-27 | 23,00 M | 20,0 M |

### 32899 P. — 44822 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| I. | | |
| | 22h 46m | 73° 52′ |
| 39 9- 8 | 57s,37 G | 55″,5 F |
| 9- 9 | | 54,8 F |
| 9-10 | | 54,8 F |
| 41 10-11 | 57,50 G | |
| 10-12 | 57,38 G | 56,1 F |
| II. | | |
| | 22h 47m | 73° 48′ |
| 57 9- 6 | 41s,72 G | 8″,0 G |
| III. | | |
| | 22h 48m | 73° 43′ |
| 79 9-30 | 25s,97 G | 24″,0 G |

### 32900 P. — 44814 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| I. | | |
| | 22h 46m | 83° 33′ |
| 40 10- 6 | | 56″,6 F |
| II. | | |
| | 22h 47m | 83° 29′ |
| 57 8-22 | 40s,85 G | |
| 9-29 | 41,09 G | |
| 60 9-11 | 40,85 G | 10″,0 G |
| 61 9-18 | 40,81 G | 11,1 G |

### 32901 P. — 22849 A.O.

| A. M. J. | Æ. | P. |
|---|---|---|
| I. | | |
| | 22h 46m | 120° 26′ |
| 48 9-20 | 47s,49 G | |

### 32902 P. — 44826 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | | |
| | 22h 47m | 91° 31′ |
| 58 9-11 | | 42″,4 F |
| 9-26 | 45s,56 G | 41,0 G |
| III. | | |
| | 22h 48m | 91° 26′ |
| 79 9-25 | 32s,00 J | 56″,5 J |

### 32903 P. — 44824 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| I. | | |
| | 22h 47m | 89° 45′ |
| 39 8-25 | 3s,74 G | |
| 9-11 | 3,59 G | 34″,9 F |
| 9-13 | | 33,6 F |
| 52 12-17 | 3,83 G | |
| II. | | |
| | 22h 47m | 89° 40′ |
| 56 10- 1 | | 46″,5 G |
| 61 11-10 | 49s,67 G | |
| 11-21 | 49,73 G | 49,1 G |
| III. | | |
| | 22h 48m | 89° 36′ |
| 72 10-25 | 35s,67 G | 3″,2 G |

### 32904 P. — 44829 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | | |
| | 22h 47m | 66° 21′ |
| 58 10-15 | | 28″,8 G |
| 10-29 | 54s,43 G | 27,9 G |
| III. | | |
| | 22h 48m | 66° 16′ |
| 79 9-27 | 38s,11 G | 40″,4 G |
| 9-28 | 37,82 G | 42,5 G |

### 32905 P. — 44820 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| I. | | |
| | 22h 47m | 98° 21′ |
| 53 10-26 | 3s,94 G | |
| II. | | |
| | 22h 47m | 98° 16′ |
| 55 9-15 | | 59″,1 G |
| 61 10- 4 | 51s,36 G | 63,0 G |
| III. | | |
| | 22h 48m | 98° 12′ |
| 79 10-16 | 38s,22 J | 17″,3 J |
| 10-26 | 38,32 J | 17,0 J |
| 10-30 | 38,20 J | 17,3 J |
| 10-31 | 38,13 J | 17,1 J |

### 32906 P. — 44825 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | | |
| | 22h 47m | 95° 43′ |
| 57 8-11 | | 56″,2 G |
| 8-13 | 55s,23 G | |
| 9-18 | | 57,6 G |
| 11-15 | 55,08 G | 56,6 G |
| III. | | |
| | 22h 48m | 95° 39′ |
| 78 10- 8 | 41s,97 M | 11″,9 M |

### 32907 P. — 44842-43 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| III. | | |
| | 22h 48m | 47° 8′ |
| 68 11- 6 | 43s,05 M | 10″,7 M |
| 72 9-17 | 43,06 M | 10,7 M |

### 32908 P. — 44840 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | | |
| | 22h 48m | 59° 15′ |
| 66 10-16 | 7s,61 G | 57″,7 G |
| III. | | |
| | 22h 48m | 59° 11′ |
| 68 10-27 | 50s,08 G | 10″,5 G |
| 10-28 | 50,11 G | 10,5 G |

### 32909 P. — 44831 et 55 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | | |
| | 22h 48m | 81° 17′ |
| 56 8-29 | | 4″,8 G |
| 57 9-24 | | 7,3 G |
| 58 8-27 | 5s,55 G | 6,1 G |
| 60 10-29 | 5,92 G | 6,9 G |
| 61 11-20 | 5,60 G | 7,9 G |
| III. | | |
| | 22h 48m | 81° 12′ |
| 71 9-19 | 50s,81 M | 19″,7 M |

### 32910 P. — 44844 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | | |
| | 22h 48m | 56° 30′ |
| 59 11-18 | | 11″,0 G |
| 62 9-20 | | 7,3 G |
| 10- 1 | 8s,94 G | 6,9 G |
| III. | | |
| | 22h 48m | 56° 25′ |
| 73 11- 3 | 50s,95 G | |

### 32911 P. — 44827 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | | |
| | 22h 48m | 96° 26′ |
| 55 9-22 | 5s,18 G | 5″,4 G |
| 61 9-26 | | 4,5 G |

### 32911 P. (suite).

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| III. | 22h48m | 96°21' |
| 79 9-16 | 51s,85 J | 19",3 J |
| 9-17 | 51,76 J | 18,9 J |
| 80 9-10 | 51,92 J | 18,9 J |

### 32912 P. — 44848 L.

| Dates 1800 + A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| III. | 22h48m | 54°40' |
| 68 10-10 | 53s,52 G | 55",1 G |
| 10-13 | 53,51 G | 54,6 G |

### 32913 P. — 44837 L.

| Dates 1800 + A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 22h48m | 71°11' |
| 57 12-19 | 9s,90 G | 3",3 G |
| 58 10- 1 | 9,79 G | 3,7 G |

### 32914 P. — 44834 et 36 L.

| Dates 1800 + A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| I. | 22h47m | 82°0' |
| 46 9-17 | 25s,49 G | |
| 52 12-18 | 25,67 G | |
| II. | 22h48m | 81°55' |
| 55 10-31 | 10s,72 G | 46",8 G |
| 57 9-21 | 10,75 G | |
| 11- 4 | 10,73 G | |
| 62 7-21 | 10,76 G | |
| 9- 5 | 10,79 G | |
| 9-11 | 10,90 G | |
| 10-16 | 10,90 G | 47,2 G |
| III. | 22h48m | 81°51' |
| 72 10-29 | 56s,10 G | |
| 74 9- 9 | 56,02 G | 3",2 G |

### 32915 P. — 44833 L.

| Dates 1800 + A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 22h48m | 83°17' |
| 61 9-30 | 11s,13 G | 33",5 G |
| III. | 22h48m | 83°12' |
| 79 11- 9 | 56s,47 G | |
| 11-15 | 56,74 G | |
| 80 9-13 | 56,31 M | 47",2 M |

### 32916 P. — 44845 à 47 L.

| Dates 1800 + A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| I. | 22h47m | 62°48' |
| 43 8- 8 | 31s,46 G | 54",8 G |
| 8-11 | | 55,8 F |
| 8-12 | 31,47 G | |
| 8-14 | 31,23 G | |
| 9-28 | 31,30 G | 55,5 F |
| 9-29 | 31,16 G | 57,4 F |
| 10-11 | 31,26 G | |
| 10-14 | 31,50 G | |
| 10-18 | 31,34 G | |

### 32916 P. (suite).

| Dates 1800 + A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 22h48m | 62°44' |
| 57 10-24 | 14s,32 G | 10",2 G |
| 58 8- 8 | 14,39 G | |
| 8-31 | 14,53 G | |
| 10-16 | 14,37 G | 9,8 G |
| 11- 7 | | 9,9 G |
| 11-11 | 14,38 G | 9,3 G |
| III. | 22h48m | 62°39' |
| 71 11- 5 | 57s,05 G | |
| 74 9-12 | 57,18 G | 23",7 G |

### 32917 P. — 31180 Gould.

| Dates 1800 + A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| I. | 22h47m | 122°27' |
| 38 12-12 | 17s,23 G | |
| 12-13 | 17,27 G | |

### 32918 P. — 44832 L.

| Dates 1800 + A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 22h48m | 96°19' |
| 56 11- 3 | | 51",5 G |
| 61 9-26 | 15s,02 G | |
| III. | 22h49m | 96°15' |
| 76 9-23 | 1s,86 M | 2",9 M |

### 32919 P. — 44850 L.

| Dates 1800 + A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 22h48m | 48°14' |
| 67 11- 8 | 23s,35 M | 1",0 M |
| III. | 22h49m | 48°9' |
| 79 9-26 | 3s,99 G | 15",1 G |

### 32920 P. — 44838-39 L.

| Dates 1800 + A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 22h48m | 85°55' |
| 58 8-23 | 19s,07 G | 35",8 G |
| 9-28 | 19,13 G | 36,2 G |

### 32921 P. — 44851 L.

| Dates 1800 + A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| III. | 22h49m | 54°38' |
| 80 9- 5 | 10s,32 J | 17",3 J |
| 9-11 | 10,19 J | 16,8 J |

### 32922 P. — 44841 L.

| Dates 1800 + A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| III. | 22h49m | 93°30' |
| 80 10-30 | 11s,86 J | 25",6 J |
| 81 9-16 | 11,95 J | 23,8 J |
| 10- 5 | 11,81 J | 25,8 J |
| 10-10 | 11,69 J | 26,4 J |
| 10-18 | 11,84 J | 27,5 J |

### 32923 P. — 44854 L.

| Dates 1800 + A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 22h48m | 53°40' |
| 59 10-27 | | 9",9 G |
| 60 10- 4 | 32s,16 G | 7,5 G |
| 62 9-17 | 32,25 G | 7,1 G |
| 66 9- 1 | 32,31 G | |
| III. | 22h49m | 53°35' |
| 78 10-16 | 14s,03 M | 20",2 M |
| 10-22 | 13,99 M | 21,2 M |

### 32924 P. — 44849 L.

| Dates 1800 + A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 22h48m | 104°18' |
| 54 9-25 | 46s,13 G | |
| 58 11-30 | | 1",5 G |
| III. | 22h49m | 104°13' |
| 78 9-11 | 33s,78 M | 13",7 M |
| 9-18 | 33,58 M | 15,6 M |

### 32925 P. — 44852-53 L.

| Dates 1800 + A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 22h48m | 88°47' |
| 59 8-28 | 49s,47 G | |
| 60 10- 9 | 49,90 G | 41",1 G |
| 61 9-25 | 49,51 G | 37,7 G |
| 10- 2 | 49,72 G | 38,2 G |
| 10-12 | 49,59 G | 37,5 G |

### 32926 P. — 44856 L.

| Dates 1800 + A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| III. | 22h49m | 54°30' |
| 73 10-13 | 37s,13 G | 16",6 G |
| 11- 6 | 37,25 G | |
| 74 9-19 | 37,15 M | 17,7 M |
| 9-24 | 37,23 M | 16,8 M |
| 10-16 | 37,20 M | 17,0 M |
| 11- 4 | 37,32 M | 18,0 M |

### 32927 P. — 44859 et 86 L.

| Dates 1800 + A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| III. | 22h49m | 44°17' |
| 80 10-12 | 39s,63 G | 35",2 G |
| 10-24 | 39,54 G | 38,0 G |

### 32928 P. — 44864-65 L.

| Dates 1800 + A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| III. | 22h49m | 47°22' |
| 72 9-23 | 52s,39 M | 20",0 M |
| 74 10-10 | 52,21 M | 21,4 M |
| 10-12 | 52,14 M | 21,7 M |

### 32929 P. — 44862 L.

| Dates 1800 + A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 22h49m | 54°23' |
| 59 11-10 | | 41",7 G |
| 61 11- 2 | 13s,36 G | |
| 11- 9 | 13,32 G | 41,1 G |
| 62 9- 2 | 13,44 G | 40,1 G |
| 66 9-20 | 13,52 G | |
| III. | 22h49m | 54°18' |
| 68 10-20 | 55s,00 G | 53",7 G |
| 10-22 | 55,14 G | 53,4 G |

### 32930 P. — 17239 Bonn.

| Dates 1800 + A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| III. | 22h49m | 44°0' |
| 80 11- 4 | 58s,36 G | |
| 81 9-29 | 58,11 G | |

### 32931 P. — 1014 $W_1$.

| Dates 1800 + A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| III. | 22h49m | 84°50' |
| 81 10-19 | 59s,97 M | 48",6 M |
| 10-22 | 60,02 M | 48,6 M |
| 10-31 | 60,10 M | 48,9 M |

### 32932 P. — 44870-71 L.

| Dates 1800 + A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| III. | 22h50m | 47°6' |
| 80 9-11 | 8s,16 G | 24",2 G |
| 9-16 | 7,86 G | 25,4 G |
| 81 10-18 | 7,93 G | 25,0 G |

### 32933 P. — 44873 L.

| Dates 1800 + A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 22h49m | 46°26' |
| 58 11-28 | 28s,93 G | |
| 67 9-28 | 28,91 M | 15",2 M |
| III. | 22h50m | 46°21' |
| 79 9-17 | | 27",2 G |

### 32934 P. — 44863 L.

| Dates 1800 + A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 22h49m | 77°41' |
| 58 8-24 | 25s,93 G | 25",7 G |
| 9- 8 | | 28,0 F |
| 9-27 | 25,73 G | 26,7 G |
| 10- 2 | | 26,7 G |
| 59 11-12 | 25,58 G | |

### 32935 P. — 44861 L.

| Dates 1800 + A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 22h49m | 83°56' |
| 56 9-20 | | 26",7 G |
| 57 8-27 | 26s,45 G | |
| 58 11- 4 | | 25,7 G |
| 61 10- 9 | 26,66 G | 26,3 G |
| 10-14 | 26,42 G | 26,3 G |

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|

### 32936 P. — 44874 L.

| III. | 22h 50m | 49° 19′ |
|---|---|---|
| 68 10-28 | 13s,33 M | 48",3 M |
| 74 9-19 | 13,63 G | 48,3 G |
| 10-31 | | 48,7 G |

### 32937 P. — 44857-58 L.

| II. | 22h 49m | 101°0′ |
|---|---|---|
| 55 9-18 | | 31",4 G |
| 58 8-20 | 28s,59 G | 32,4 G |
| 59 10-17 | 28,66 G | |

### 32938 P. — 44875 L.

| II. | 22h 49m | 55°3′ |
|---|---|---|
| 59 11-18 | | 7",0 G |
| 62 9-18 | 36s,79 G | |
| **III.** | 22h 50m | 54°58′ |
| 73 10-16 | 18s,23 G | 19",4 G |
| 74 10-20 | 18,63 M | 19,8 M |

### 32939 P. — 44868 L.

| II. | 22m 49m | 67°47′ |
|---|---|---|
| 57 10- 7 | 35s,12 G | 25",9 G |
| 58 9-19 | 35,32 G | 24,8 G |
| 9-25 | 35,43 G | 25,9 G |

### 32940 P. — 4342 A + 43°.

| II. | 22h 49m | 46°27′ |
|---|---|---|
| 58 11-28 | 38s,80 G | |

### 32941 P. — 44883 L.

| III. | 22h 50m | 43°58′ |
|---|---|---|
| 80 9-27 | 27s,65 G | 10",0 G |
| 10-25 | 28,44 G | 11,9 G |
| 10-30 | 27,83 G | 9,7 G |
| 81 10- 4[1] | 27,90 G | 10,6 G |

[1] 𝒜 diminuée de 0s,80 : erreur de 1s en passant du premier au deuxième fil.

### 32942 P. — 44876 L.

| II. | 22h 49m | 78°53′ |
|---|---|---|
| 58 10- 8 | | 54",4 G |
| 11-22 | 51s,63 G | 53,8 G |
| **III.** | 22h 50m | 78°49′ |
| 79 9- 2 | 36s,59 G | 6",7 G |
| 10- 7 | 36,58 G | |

### 32943 P. — 44869 L.

| II. | 22h 49m | 93°33′ |
|---|---|---|
| 58 8-15 | | 41",8 G |
| 60 9- 9 | 50s,28 G | |
| 9-12 | 50,51 G | |
| 9-20[1] | 50,36 G | 45,3 G |
| **III.** | 22h 50m | 93°28′ |
| 68 10-10 | 36s,54 M | 54",6 M |
| 78 9-27 | 36,50 G | 55,1 G |
| 10-12 | 36,69 J | 55,8 J |

[1] 𝒜 augmentée de 0s,60 : erreur de 2s sur le premier fil et de 1s sur le deuxième.

### 32944 P. — 44872 et 99 L.

| II. | 22h 49m | 93°59′ |
|---|---|---|
| 55 8-16 | | 35",8 G |
| 9-15 | 53s,08 G | |
| 57 8-11 | | 31,6 G |
| 58 8-27 | | 34,1 F |
| 9-26 | | 33,9 G |
| 10-12 | 52,95 G | |
| 60 9- 8 | | 35,6 G |
| **III.** | 22h 50m | 93°54′ |
| 76 10-14 | 39s,41 G | 47",8 G |
| 11- 7 | | 47,0 G |
| 78 10-16 | 39,43 J | 47,1 J |
| 79 9-27 | 39,51 J | 45,9 J |
| 9-30 | 39,56 J | 46,3 J |
| 10-31 | 39,28 J | 49,1 J |

### 32945 P. — 44884 L.

| II. | 22h 50m | 49°8′ |
|---|---|---|
| 61 11-19 | 0s,43 G | |
| 63 8-14 | 0,63 G | |
| 9-11 | 0,45 G | |
| 9-12 | 0,41 G | |
| 9-27 | 0,39 G | |
| 10-16 | 0,56 G | |
| 10-19 | 0,48 G | |
| 10-25 | 0,40 G | |
| 64 9-11 | 0,47 G | |
| 9-12 | 0,41 G | |
| 9-22 | 0,44 G | |
| 9-23 | 0,45 G | |
| 9-30 | 0,36 G | |
| 10- 1 | 0,56 G | |
| 10-24 | 0,54 G | |
| 10-27 | 0,66 G | |
| 65 9- 2 | 0,44 G | |
| 9- 5 | 0,36 G | |
| 10- 5 | 0,33 G | |
| 10- 6 | 0,51 G | |
| 10- 7 | 0,33 G | |
| 10-21 | 0,46 G | |
| 10-23 | 0,52 G | |
| 11- 1 | 0,60 G | |
| **III.** | 22h 50m | 49°3′ |
| 68 11-16 | 41s,35 M | 46",9 M |
| 72 9- 7 | 41,20 G | |
| 9- 8 | 41,61 G | |

### 32945 P. (suite).

| III. | 22h 50m | 49°3′ |
|---|---|---|
| 74 9-12 | 41s,29 M | 46",1 M |
| 10-14 | 41,31 M | 46,7 M |
| 75 10- 6 | 41,47 M | 47,3 M |

### 32946 P. — 44866-67 L.

24 α Poisson austr. (Fomalhaut).

Étoile fondamentale.

### 32947 P. — 44891 L.

| III. | 22h 50m | 47°39′ |
|---|---|---|
| 80 9-14 | 46s,91 G | 19",9 G |
| 81 10- 1 | 47,04 G | 20,0 G |

### 32948 P. — 44885 L.

| III. | 22h 50m | 56°19′ |
|---|---|---|
| 80 9-16 | 48s,47 J | 26",2 J |
| 9-29 | 48,31 J | 26,0 J |
| 81 10-15 | 48,48 J | 26,4 J |
| 10-17 | 48,37 J | 27,1 J |

### 32949 P. — 44879-80 L.

| I. | 22h 49m | 95°38′ |
|---|---|---|
| 50 9- 9 | | 12",6 G |
| **II.** | 22h 50m | 95°33′ |
| 56 7-26 | | 26",3 G |
| 60 11-10 | 2s,52 G | 25,7 G |
| 61 10-24 | 2,39 G | 29,1 G |
| **III.** | 22h 50m | 95°28′ |
| 75 11- 2 | 48s,84 M | 38",9 M |
| 76 10-14 | 48,81 M | 39,7 M |

### 32950 P. — 44892 L.

| II. | 22h 50m | 54°43′ |
|---|---|---|
| 66 9-15 | 12s,87 G | |
| 9-26 | 12,76 G | |
| **III.** | 22h 50m | 54°38′ |
| 80 9-28 | 54s,65 J | 27",4 J |
| 10-18 | 54,51 J | 26,9 J |

### 32951 P. — 44877 L.

| II. | 22h 50m | 111°1′ |
|---|---|---|
| 58 11- 1 | 6s,62 G | 18",9 G |

### 32951 P. (suite).

| III. | 22h 50m | 110°56′ |
|---|---|---|
| 79 10-12 | 54s,94 J | 34",5 J |

### 32952 P. — 44895 et 97 L.

| III. | 22h 50m | 40°55′ |
|---|---|---|
| 79 10-12 | 57s,35 G | 60",6 G |
| 10-16 | 57,32 G | 59,3 G |
| 80 9-16 | 57,48 M | 59,0 M |
| 81 9-28 | 57,50 G | 60,0 G |
| 10-15 | 57,33 G | |

### 32953 P. — 44882 L.

| II. | 22h 50m | 93°54′ |
|---|---|---|
| 58 9-26 | 11s,91 G | |
| **III.** | 22h 50m | 93°49′ |
| 79 10- 7 | 58s,30 J | 13",9 J |
| 10-16 | 58,48 J | 14,5 J |
| 10-30 | 58,45 J | 16,6 J |
| 80 8-27 | 58,40 M | 13,7 M |
| 81 9-29 | 58,54 J | 15,2 J |
| 9-30 | 58,59 J | 15,1 J |
| 10- 5 | 58,54 M | 15,1 M |
| 10-15 | 58,24 M | 16,1 M |
| 10-17 | 58,51 M | 17,1 M |

### 32954 P. — 44890 L.

| II. | 22h 50m | 66°3′ |
|---|---|---|
| 58 10- 4 | 16s,29 G | 55",3 G |
| **III.** | 22h 50m | 65°59′ |
| 71 10-14 | 59s,50 G | 5",6 G |

### 32955 P. — 1157 $W_2$.

| III. | 22h 51m | 46°46′ |
|---|---|---|
| 68 11-20 | 3s,06 M | 44",2 M |
| 79 9-30 | 2,93 G | 41,8 G |
| 10- 4 | 3,05 G | 44,3 G |

### 32956 P. — 44898 L.

| III. | 22h 51m | 43°17′ |
|---|---|---|
| 72 9-25 | 3s,95 M | 45",8 M |
| 74 9- 8 | 3,96 G | 44,9 G |
| 10-12 | 3,84 G | 44,6 G |

### 32957 P. — 44893 L.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. AR | D |
|---|---|---|
| | II. | |
| | $22^h 50^m$ | 66°28' |
| 59 8-22 | | 54",4 G |
| 10-22 | $21^s,99$ G | |
| 11-13 | | 53,2 G |
| | III. | |
| | $22^h 51^m$ | 66°24' |
| 79 9-16 | $5^s,54$ G | 7",4 G |

### 32958 P. — 44909 et 11 L.

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | $22^h 50^m$ | 93°55' |
| 58 9-26 | $23^s,77$ G | |
| 59 9- 5 | 23,65 G | |
| 61 10- 4[1] | 23,72 G | 44",3 G |
| | III. | |
| | $22^h 51^m$ | 93°50' |
| 79 10-26 | $10^s,13$ J | 57",9 J |

[1] AR diminuée de $1^m$ : erreur de transcr.

### 32959 P. — 44887 à 89 L.

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | $22^h 50^m$ | 86°56' |
| 56 10- 5 | $25^s,05$ G | |
| 58 8-12 | | 18",1 G |
| 9-13 | 25,10 G | 17,8 G |
| | III. | |
| | $22^h 51^m$ | 86°51' |
| 71 9- 2 | $10^s,72$ M | 30",7 M |
| 10-14 | 10,87 M | 29,7 M |
| 10-16 | 10,89 M | 31,7 M |

### 32960 P. — 44896 L.

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | $22^h 50^m$ | 54°14' |
| 59 10-27 | | 30",9 G |
| | III. | |
| | $22^h 51^m$ | 54°9' |
| 69 10- 1 | $11^s,06$ M | 43",5 M |
| 74 9-14 | 10,99 M | 41,7 M |
| 79 9- 8 | 11,13 M | 42,2 M |

### 32961 P. — 4547 A + 42°.

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | $22^h 50^m$ | 47°27' |
| 60 11-16 | | 20",6 G |

### 32962 P. — 44894 L.

| A. M. J. | AR | D |
|---|---|---|
| | I. | |
| | $22^h 49^m$ | 70°3' |
| 52 12-18 | $51^s,58$ G | |

### 32962 P. (suite).

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | $22^h 50^m$ | 69°58' |
| 56 9-14 | | 51",2 G |
| 57 7-12 | $35^s,31$ G | |
| 10- 3 | 35,23 G | 51,7 G |
| 10-20 | 35,30 G | 51,7 G |
| 58 9-11 | 35,32 G | 51,9 G |
| 9-12 | | 51,9 G |

### 32963 P. — 44900 L.

| A. M. J. | AR | D |
|---|---|---|
| | III. | |
| | $22^h 51^m$ | 58°28' |
| 73 10-17 | $20^s,49$ G | 6",1 G |
| 74 11- 6 | 20,65 M | 6,3 M |
| 79 9-25 | 20,56 G | 5,2 G |
| 9-27 | 20,68 G | 5,2 G |
| 9-28 | 20,53 G | 5,8 G |

### 32964 P. — 6389 Sf. — 12°.

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | $22^h 50^m$ | 102°54' |
| 54 9- 1 | $44^s,59$ G | |

### 32965 P. — 1047 $W_1$.

| A. M. J. | AR | D |
|---|---|---|
| | III. | |
| | $22^h 51^m$ | 101°47' |
| 77 9- 4 | $33^s,08$ M | 57",8 M |
| 9-11 | 33,17 M | 57,7 M |
| 9-11 | 33,14 G | |
| 9-12 | 33,21 M | 60,5 M |
| 9-13 | 33,13 M | 58,4 M |
| 10- 6 | 33,16 M | 59,6 M |
| 78 9-19 | 33,27 M | 58,3 M |
| 9-19 | 33,08 G | |
| 9-20 | 33,16 M | 57,5 M |
| 9-20 | 33,16 G | |
| 9-21 | 33,31 M | 57,4 M |
| 9-24 | 33,25 M | 58,3 M |
| 9-27 | 33,19 M | 58,1 M |
| 9-30 | 33,27 M | 59,3 M |
| 10- 2 | 33,07 M | 58,6 M |
| 10- 4 | 33,32 M | 58,1 M |
| 10-12 | 33,21 M | 59,6 M |
| 10-15 | 33,13 M | 59,6 M |

### 32966 P. — 44908 L.

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | $22^h 50^m$ | 42°3' |
| 63 9-15 | | 47",8 G |
| 9-27 | | 48,0 G |
| 64 10-20 | | 47,7 G |
| 10-21 | | 48,5 G |
| 65 9-18 | | 47,7 G |
| 9-19 | | 47,0 G |
| 9-20 | | 47,6 G |
| 67 10-10 | $53^s,46$ M | 46,8 M |
| 11- 2 | 53,54 M | 47,1 M |
| 11- 7 | 53,56 M | 46,8 M |
| | III. | |
| | $22^h 51^m$ | 41°58' |
| 68 10-20 | $33^s,27$ M | 58",4 M |

### 32967 P. — 44903 L.

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | $22^h 50^m$ | 61°2' |
| 58 10-15 | | 34",2 G |
| | III. | |
| | $22^h 51^m$ | 60°57' |
| 71 10-23 | $38^s,31$ G | 48",7 G |
| 11-20 | 38,18 G | |

### 32968 P. — 44902 L.

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | $22^h 50^m$ | 77°8' |
| 57 9- 6 | $57^s,70$ G | 15",9 G |
| 59 11-14 | | 16,0 G |
| | III. | |
| | $22^h 51^m$ | 77°3' |
| 71 9- 9 | $42^s,77$ G | |

### 32969 P. — 44915-16 L.

| A. M. J. | AR | D |
|---|---|---|
| | III. | |
| | $22^h 51^m$ | 47°39' |
| 80 8-19 | $44^s,42$ G | 17",9 G |
| 9-10 | 44,67 G | 18,2 G |

### 32970 P. — 44918 L.

| A. M. J. | AR | D |
|---|---|---|
| | III. | |
| | $22^h 51^m$ | 51°16' |
| 74 11- 5 | $50^s,27$ M | 44",9 M |
| 80 7-24 | 50,34 G | |
| 9-10 | 50,37 M | 44,4 M |
| 10-24 | 50,32 M | 44,1 M |

### 32971 P. — 44907 L.

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | $22^h 51^m$ | 66°39' |
| 58 10-16 | $7^s,59$ G | 16",3 G |
| | III. | |
| | $22^h 51^m$ | 66°34' |
| 71 10-12 | $50^s,83$ G | |
| 11- 5 | 50,72 G | |

### 32972 P. — 44925 L.

| A. M. J. | AR | D |
|---|---|---|
| | III. | |
| | $22^h 51^m$ | 43°50' |
| 72 9-30 | $52^s,20$ M | 41",2 M |
| 74 9-15 | 52,17 G | |
| 9-19 | 52,33 G | 40,0 G |

### 32973 P. — 1056 $W_1$.

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | $22^h 51^m$ | 76°1' |
| 59 9- 8[1] | $8^s,55$ G | |

[1] AR augm. de $20^s$ : erreur commise également dans l'obs. de 44910 Lal. faite en même temps.

### 32974 P. — 44922 L.

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | $22^h 51^m$ | 51°26' |
| 59 11-10 | | 21",0 G |
| 66 9- 1 | $13^s,00$ G | |
| | III. | |
| | $22^h 51^m$ | 51°21' |
| 79 10-20 | $54^s,21$ G | |
| 80 9- 1 | 54,50 M | 31",6 M |
| 9-11 | 54,66 M | 30,1 M |
| 9-13 | 54,40 M | 30,8 M |
| 81 10-18 | 54,48 M | 31,6 M |

### 32975 P. — 44904 L.

| A. M. J. | AR | D |
|---|---|---|
| | III. | |
| | $22^h 51^m$ | 92°4' |
| 78 9-18 | $57^s,36$ G | |
| 10-14 | 57,40 J | 40",8 J |
| 79 9-16 | 57,24 J | 42,7 J |
| 9-17 | 57,30 J | 42,1 J |
| 80 9-10 | 57,31 J | 41,8 J |

### 32976 P. — 44924 L.

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | $22^h 51^m$ | 57°1' |
| 67 10-28 | | 39",4 G |
| | III. | |
| | $22^h 52^m$ | 56°56' |
| 68 10-27 | $0^s,30$ G | 52",1 G |
| 10-28 | 0,33 G | 50,4 G |

### 32977 P. — 44910 L.

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | $22^h 51^m$ | 76°1' |
| 58 9-20 | | 24",7 G |
| 59 9- 8[1] | $16^s,03$ G | |
| 61 10-17 | 15,92 G | 24,9 G |
| 11- 3 | 15,94 G | |

[1] AR augmentée de $20^s$ (*Voir* 32973 P.).

### 32978 P. — 44917 L.

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | $22^h 51^m$ | 70°0' |
| 58 8-26 | | 18",4 G |
| 10- 2 | | 18,7 G |
| 61 11-21 | $17^s,48$ G | 18,2 G |
| | III. | |
| | $22^h 52^m$ | 69°55' |
| 79 9-26 | $1^s,36$ G | 31",3 G |

### 32979 P. — 44901 L.

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | $22^h 51^m$ | 114°11' |
| 58 10-29 | $13^s,72$ G | 49",9 G |
| | III. | |
| | $22^h 52^m$ | 114°7' |
| 79 9-25 | $2^s,29$ J | 3",6 J |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜, 𝒟)

**32980 P. — 44934 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | 22h52m | 39°0' |
| 80 9-30 | 4s,12 G | 14",8 G |
| 81 9-16[1] | 3,92 G | 15,1 G |
| 10-10 | | 13,8 G |

[1] 𝒜 augmentée de 0s,20 : erreur de 1s sur un fil.

**32981 P. — 31830 Mn1.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 22h51m | 114°10' |
| 58 10-29 | 15s,28 G | |

**32982 P. — 44914 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 22h51m | 79°27' |
| 58 10-1[1] | 20s,03 G | 46",4 G |
| 59 9-8 | | 46,1 G |
| III | 22h52m | 79°22' |
| 79 10-11 | 5s,14 M | 58",6 M |

[1] 𝒜 augm. de 0s,40 : erreur de moy.

**32983 P. — 44912 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 22h51m | 83°7' |
| 57 9-29 | 20s,17 G | |
| 60 11-3 | 20,13 G | 7",9 G |
| 61 9-25 | 20,19 G | 4,9 G |

**32984 P. — 44913 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 22h51m | 87°17' |
| 58 11-2 | 23s,21 G | |
| III. | 22h52m | 87°13' |
| 71 10-12 | 9s,05 M | 12",3 M |
| 10-13 | 9,17 M | 11,5 M |

**32985 P. — 44919 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 22h51m | 80°55' |
| 59 8-28 | 27s,17 G | 22",7 G |
| III. | 22h52m | 80°50' |
| 71 10-10 | 12s,29 M | 34",3 M |

**32986 P. — 44920-21 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 22h51m | 81°23' |
| 57 12-18 | 29s,41 G | 7",7 G |
| III. | 22h52m | 81°18' |
| 72 10-25 | 14s,75 G | 24",0 G |
| 11-8 | 14,84 G | |

**32987 P. — 44932 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | 22h52m | 54°25' |
| 80 9-5 | 18s,71 J | 53",4 J |
| 9-11 | 18,46 J | 56,5 J |
| 81 10-18 | 18,58 J | 57,7 J |

**32988 P. — 44928 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 22h51m | 85°24' |
| 58 9-28 | 36s,42 G | 25",3 G |
| III. | 22h52m | 85°19' |
| 74 9-9 | 22s,07 G | 37",8 G |
| 11-4 | 22,27 G | 37,7 G |
| 75 10-12 | 22,08 M | 37,2 M |
| 10-16 | 22,32 M | 36,2 M |

**32989 P. — 44931 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 22h51m | 83°24' |
| 55 11-11[1] | 39s,01 G | 20",0 G |
| 57 11-4 | 38,94 G | |
| III. | 22h52m | 83°19' |
| 69 10-7 | | 34",4 G |
| 71 9-16 | 24s,45 M | 34,0 M |
| 9-19 | 24,32 M | 34,2 M |

[1] 𝒟 augmentée de 37" : erreur de réduct.

**32990 P. — 44935 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 22h51m | 54°33' |
| 59 11-18 | | 28",5 G |
| 66 9-28[1] | 43s,44 G | |
| 10-16 | 43,32 G | 27,4 G |
| 67 10-25 | | 28,9 G |
| 10-31 | | 29,1 G |
| III. | 22h52m | 54°28' |
| 74 10-26 | 25s,38 M | 41",5 M |
| 10-31 | 25,46 M | 40,4 M |

[1] 𝒜 diminuée de 10s.

**32991 P. — 44930 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 22h51m | 91°3' |
| 60 10-9 | 41s,57 G | 55",4 G |
| III. | 22h52m | 90°59' |
| 76 10-16 | 27s,89 G | 5",6 G |
| 78 9-12 | 27,77 J | 7,0 J |

**32992 P. — 44926 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 22h51m | 107°54' |
| 54 8-27 | 45s,57 G | 33",0 G |
| 9-30 | | 31,2 G |
| 58 11-30 | | 33,4 G |
| III. | 22h52m | 107°49' |
| 78 10-22 | 33s,49 J | 46",7 J |
| 11-3 | 33,53 M | 46,7 M |
| 79 9-18 | 33,50 J | 46,4 J |

**32993 P. — 31841 Mn1.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 22h51m | 78°54' |
| 58 9-27 | 52s,72 G | |

**32994 P. — 10766 Rümker.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 22h51m | 66°53' |
| 62 9-20 | 58s,74 G | |

**32995 P. — 44933 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 22h51m | 91°55' |
| 58 8-15 | | 49",2 G |
| 61 10-2 | 56s,77 G | 49,4 G |
| 10-12 | 56,67 G | 50,0 G |

**32996 P. — 262 Piazzi.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | 22h51m | 120°17' |
| 47 9-23 | 6s,23 G | |
| 53 7-31 | 6,28 G | |

**32997 P. — 44936 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | 22h52m | 84°31' |
| 72 10-29 | 50s,22 G | |
| 73 10-28 | 50,53 M | |
| 74 9-15 | 50,43 M | 5",8 M |
| 9-19 | 50,36 M | 5,7 M |
| 10-7 | 50,47 M | 5,0 M |
| 75 10-8 | 50,32 M | 5,2 M |
| 10-23 | 50,37 M | 6,5 M |

**32998 P. — 44948-49 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | 22h51m | 63°19' |
| 43 8-8 | 28s,30 G | 44",6 G |
| 8-9 | 28,24 G | |
| 8-11 | | 43,3 F |
| 8-12 | 28,21 G | 46,0 F |
| 8-14 | 27,99 G | 44,0 G |
| 9-28[1] | | 50,6 F |
| 9-29 | 28,21 G | 43,9 F |
| 10-14 | 28,24 G | |
| 10-18 | 28,42 G | |

**32998 P. (suite).**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 22h52m | 63°14' |
| 58 8-31 | 11s,29 G | |
| 9-25 | 11,28 G | 56",4 G |
| 11-6 | | 56,4 G |

[1] 𝒟 non comprise dans la moy. : notée *douteuse*.

**32999 P. — 44943 à 45 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| I. | 22h51m | 79°5' |
| 39 9-9 | | 57",3 F |
| 52 12-17 | 26s,89 G | |
| II. | 22h52m | 79°1' |
| 56 9-8 | | 6",5 G |
| 58 8-24 | 11s,46 G | 6,8 G |
| 9-27 | 11,62 G | |
| 62 7-21 | 11,65 G | |
| 9-5 | 11,49 G | |
| 9-11 | 11,76 G | |
| 63 9-12 | 11,51 G | |
| 10-12 | 11,57 G | |
| 10-25 | 11,58 G | |
| 64 9-21 | 11,66 G | |
| 9-23 | 11,62 G | |
| 9-30 | 11,54 G | |
| 10-1 | 11,62 G | |
| 10-27 | 11,63 G | |
| 65 10-28 | 11,42 G | |
| III. | 22h52m | 78°56' |
| 72 9-8 | 56s,66 G | |

**33000 P. — 44939-40 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 22h52m | 86°23' |
| 57 9-24 | | 16",5 G |
| 61 9-2 | 12s,22 G | |
| 9-7 | 12,22 G | 17,3 G |

**33001 P. — 44952-53 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| III. | 22h52m | 62°55' |
| 80 9-29 | 58s,13 J | 23",0 J |
| 10-24 | 58,05 J | 24,1 J |

**33002 P. — 44937 L.**

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| II. | 22h52m | 103°49' |
| 55 9-18 | | 11",7 G |
| 58 8-20 | 12s,96 G | 13,8 G |
| 60 9-11 | 13,06 G | 12,9 G |
| III. | 22h53m | 103°44' |
| 77 9-10 | 0s,54 M | 23",7 M |
| 9-14 | 0,68 M | 23,9 M |
| 9-15 | 0,55 M | 25,0 M |

**33002 P. (suite).**

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜 | 𝒫 |
|---|---|---|
| | III. | |
| | 22h 53m | 103° 44′ |
| 77 9-26 | | 25″,8 M |
| 9-27 | 0s,91 M | 24,1 M |
| 10- 1 | 0,54 M | 24,4 M |
| 10- 4 | 0,69 M | 24,7 M |

**33003 P. — 44950 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | III. | |
| | 22h 53m | 71° 29′ |
| 80 10-30 | 1s,24 J | 47″,0 J |
| 81 9-13 | 1,22 J | 45,5 J |
| 9-16 | | 45,7 J |
| 10- 1 | 1,21 J | 46,6 J |

**33004 P. — 44941-42 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | III. | |
| | 22h 53m | 93° 33′ |
| 76 9-20 | 2s,37 G | 16″,3 G |
| 9-23 | 2,33 G | 16,7 G |
| 78 9-27 | 2,36 G | 17,5 G |

**33005 P. — 44946 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | I. | |
| | 22h 51m | 89° 51′ |
| 53 7-23 | 30s,90 G | |
| | II. | |
| | 22h 52m | 89° 47′ |
| 57 8-21 | 16s,82 G | |
| 61 9-26 | 16,91 G | 1″,6 G |
| 9-30 | 16,99 G | 1,3 G |
| 62 9-17 | 16,88 G | 1,8 G |

**33006 P.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | III. | |
| | 22h 53m | 83° 21′ |
| 81 10-19 | 3s,90 M | 12″,7 M |
| 10-22 | 4,01 M | 8,7 M |

**33007 P. — 44957 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 22h 52m | 56° 40′ |
| 66 10- 9 | 22s,96 G | 51″,0 G |
| | III. | |
| | 22h 53m | 56° 36′ |
| 69 10-12 | 4s,90 M | 6″,6 M |
| 73 10-13 | 5,14 G | 5,3 G |

**33008 P. — 44961 à 63 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 22h 52m | 46° 54′ |
| 67 11- 6 | 24s,52 M | 36″,1 M |

**33008 P. (suite).**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | III. | |
| | 22h 53m | 46° 49′ |
| 68 11-17 | 5s,21 M | 47″,3 M |
| 72 9-17 | 5,14 M | 47,1 M |
| 80 10-12 | | 48,1 G |
| 81 10-17 | 5,09 G | 50,3 G |

**33009 P. — 44938 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 22h 52m | 107° 8′ |
| 58 9-12 | | 24″,6 G |
| 10-19 | 20s,39 G | |
| | III. | |
| | 22h 53m | 107° 3′ |
| 78 9-12 | 8s,70 M | 42″,4 M |
| 9-29 | 8,57 M | 42,4 M |
| 10-10 | 8,81 M | 40,8 M |

**33010 P. — 44955 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 22h 52m | 66° 43′ |
| 58 9-24 | 27s,01 G | |
| 10-16 | 27,09 G | |
| 61 11- 1 | 27,14 G | 5″,4 G |
| 62 9-19 | 27,18 G | 2,8 G |
| 9-20 | | 4,5 G |

**33011 P. — 44968 et 71 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 22h 52m | 44° 25′ |
| 67 10- 3 | 32s,87 M | 17″,6 M |
| | III. | |
| | 22h 53m | 44° 20′ |
| 72 9-23 | 13s,10 M | 31″,1 M |
| 80 9-26 | 13,02 G | 27,3 G |
| 9-28 | 12,91 G | 27,8 G |

**33012 P. — 44951 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 22h 52m | 95° 6′ |
| 58 9-11 | | 41″,4 F |
| | III. | |
| | 22h 53m | 95° 1′ |
| 76 9-23 | 13s,47 M | 56″,2 M |
| 11- 7 | 13,48 M | 57,1 M |

**33013 P. — 1093 $W_1$.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | III. | |
| | 22h 53m | 77° 15′ |
| 81 10-31 | 26s,93 J | 34″,1 J |

**33014 P. — 44960 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 22h 52m | 83° 23′ |
| 56 8- 9 | 44s,03 G | |
| 58 8-27 | 43,88 G | 31″,8 G |
| | III. | |
| | 22h 53m | 83° 18′ |
| 81 10-31 | 29s,27 M | 45″,4 M |

**33015 P. — 44959 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 22h 52m | 93° 36′ |
| 58 9- 8 | 45s,66 G | |
| | III. | |
| | 22h 53m | 93° 31′ |
| 78 10- 3 | 32s,31 M | 34″,9 M |

**33016 P. — 44958 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 22h 52m | 101° 42′ |
| 67 10-23 | 47s,46 M | 52″,2 M |
| | III. | |
| | 22h 53m | 101° 38′ |
| 78 9-18 | 34s,58 M | 2″,6 M |
| 10- 8 | 34,72 M | 2,8 M |

**33017 P. — 44966-67 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 22h 52m | 85° 35′ |
| 58 8-23 | 52s,94 G | 23″,9 G |
| 60 10- 6 | 52,92 G | 24,8 G |
| 10-29 | 52,98 G | 22,9 G |
| 61 10-16 | 53,01 G | 23,5 G |

**33018 P. — 44985 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 22h 52m | 76° 53′ |
| 58 10- 5 | 54s,02 G | |
| 62 9-25 | 54,07 G | 17″,7 G |
| | III. | |
| | 22h 53m | 76° 48′ |
| 79 9-25 | 38s,73 G | 28″,8 G |
| 9-30 | 38,84 G | 29,9 G |
| 10- 7 | 38,84 G | |
| 10-11 | 39,01 G | 28,9 G |
| 11-15 | 38,86 G | 30,6 G |

**33019 P. — 44964 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 22h 52m | 113° 16′ |
| 57 8- 7 | 53s,39 G | |
| | III. | |
| | 22h 53m | 113° 11′ |
| 79 10-12 | 40s,78 J | 48″,4 J |
| 10-26 | 40,56 J | 48,5 J |
| 10-30 | 40,66 J | 47,5 J |

**33020 P. — 44974 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 22h 52m | 65° 6′ |
| 58 9-19 | | 20″,4 G |
| 11-22 | 59s,84 G | 18,7 G |
| | III. | |
| | 22h 53m | 65° 1′ |
| 71 10-14 | 42s,99 G | 31″,2 G |

**33021 P. — 44977 et 79 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 22h 53m | 57° 13′ |
| 59 10-27 | | 29″,7 G |
| 60 10-26 | 2s,54 G | 27,7 G |
| 62 10- 1 | 2,57 G | 28,8 G |
| | III. | |
| | 22h 53m | 57° 8′ |
| 68 10- 7 | 44s,78 G | 40″,5 G |
| 10- 8 | 44,92 G | 39,2 G |

**33022 P. — 44996 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | III. | |
| | 22h 53m | 38° 0′ |
| 80 10-24 | 45s,78 G | 58″,2 G |
| 81 9-30 | 45,73 G | 56,9 G |

**33023 P. — 44998-99 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | I. | |
| | 22h 52m | 38° 31′ |
| 40 11-30 | 29s,52 G | |
| | III. | |
| | 22h 53m | 38° 21′ |
| 80 11- 3 | 46s,94 G | |
| 81 9-29 | 46,97 G | 57″,8 G |

**33024 P. — 44973 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 22h 53m | 83° 21′ |
| 55 10-31 | 2s,31 G | |
| 56 8- 9 | 2,34 G | |
| 58 8-27 | | 58″,2 G |
| | III. | |
| | 22h 53m | 83° 17′ |
| 71 10-14 | 47s,66 M | 9″,0 M |
| 10-16 | 47,62 M | 10,7 M |

**33025 P. — 44969 et 72 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 22h 53m | 99° 37′ |
| 55 9- 9 | 1s,00 G | |
| 57 8-13 | 1,08 G | |
| 9-14 | | 45″,0 G |
| 58 10-12 | 0,88 G | |
| | III. | |
| | 22h 53m | 99° 32′ |
| 75 11- 2 | 48s,20 M | 57″,7 M |
| 76 10-14 | 48,12 M | 58,9 M |

### 33026 P. — 2069 Greenw. 1845.

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. AR. | D. |
|---|---|---|
| I. | 22h 54m | 5° 47' |
| 53 2- 61 | 10s,77 G | |

### 33027 P. — 44986 à 88 L.

| A. M. J. | AR. | D. |
|---|---|---|
| III. | 22h 53m | 46° 45' |
| 80 9-16 | 49s,46 G | 18",7 G |
| 9-29 | 49,56 G | 19,6 G |

### 33028 P. — 44984 L.

| A. M. J. | AR. | D. |
|---|---|---|
| II. | 22h 53m | 53° 38' |
| 66 10- 8 | 10s,28 G | 28",5 G |
| III. | 22h 53m | 53° 33' |
| 68 10-29 | 52s,13 G | 39",2 G |
| 74 9- 8 | 51,97 G | 38,1 G |
| 10- 8 | | 40,6 G |
| 10-16 | 52,07 M | 40,9 M |
| 11- 4 | 52,00 M | 40,6 M |

### 33029 P. — 44978 L.

| A. M. J. | AR. | D. |
|---|---|---|
| II. | 22h 53m | 76° 49' |
| 56 8-30 | 11s,50 G | |
| 58 9- 8 | | 31",6 F |
| 59 11-12 | 11,30 G | 31,8 G |
| 11-14 | | 31,6 G |
| 61 10- 3 | 11,37 G | 32,8 G |
| 62 9-16 | 11,40 G | 31,3 G |
| 9-25 | | 32,9 G |

### 33030 P. — 44982 L.

| A. M. J. | AR. | D. |
|---|---|---|
| II. | 22h 53m | 69° 31' |
| 57 10- 7 | 12s,73 G | 41",7 G |
| 10-24[1] | 12,84 G | 42,1 G |

[1] D. diminuée de 9",9 : erreur de moy.

### 33031 P. — 4353 Fedorenko.

| A. M. J. | AR. | D. |
|---|---|---|
| I. | 22h 54m | 5° 27' |
| 53 10-20 | 24s,50 G | |
| 10-24 | 24,31 G | |
| 11- 4 | 25,14 G | |

### 33032 P. — 44970 L.

| A. M. J. | AR. | D. |
|---|---|---|
| II. | 22h 53m | 115° 44' |
| 54 10-31 | 8s,42 G | |
| 61 10-24 | 8,67 G | 18",6 G |

### 33033 P. — 44989 L.

| A. M. J. | AR. | D. |
|---|---|---|
| III. | 22h 53m | 56° 48' |
| 68 10-10 | 59s,25 G | 47",6 G |
| 10-13 | 59,04 G | 48,2 G |

### 33034 P. — 45012 L.

| A. M. J. | AR. | D. |
|---|---|---|
| II. | 22h 53m | 44° 41' |
| 58 11-28 | 22s,80 G | |
| 62 9-15 | 22,80 G | 35",6 G |
| 67 10-28 | 22,68 M | 35,1 M |

### 33035 P. — 6395 Sf. — 12°.

| A. M. J. | AR. | D. |
|---|---|---|
| II. | 22h 53m | 102° 50' |
| 54 8-31 | 18s,17 G | |

### 33036 P. — 1111 $W_1$.

| A. M. J. | AR. | D. |
|---|---|---|
| II. | 22h 53m | 76° 44' |
| 56 8-30 | 20s,97 G | |

### 33037 P. — 44981 L.

| A. M. J. | AR. | D. |
|---|---|---|
| III. | 22h 54m | 95° 13' |
| 81 10-10 | 9s,74 J | 21",2 J |
| 10-15 | 9,63 J | 21,9 J |

### 33038 P. — 44975-76 L

| A. M. J. | AR. | D. |
|---|---|---|
| II. | 22h 53m | 105° 0' |
| 58 9- 9 | 22s,51 G | 27",1 G |
| 9-27 | | 27,3 F |
| 59 10-17 | 22,36 G | |

### 33039 P. — 44983 L.

| A. M. J. | AR. | D. |
|---|---|---|
| I. | 22h 52m | 90° 38' |
| 40 9-10 | 40s,89 G | 44",3 F |
| 43 11-29 | 40,65 G | |
| 50 9- 9 | | 42,4 G |
| 52 11- 6 | 41,01 G | |
| 53 7-19 | 40,79 G | |
| 8- 8 | 41,18 G | |
| II. | 22h 53m | 90° 33' |
| 54 8-20 | 27s,15 G | |
| 57 9-22 | 26,92 G | |
| 58 9- 9 | | 54",4 F |
| 60 9-20 | 27,23 G | 54,3 G |
| 10- 4 | | 54,8 G |
| 11-16 | | 53,1 G |
| 61 11- 9 | 26,99 G | 54,9 G |

### 33039 P. (suite).

| A. M. J. | AR. | D. |
|---|---|---|
| III. | 22h 54m | 90° 29' |
| 78 10-16 | 13s,14 J | 5",7 J |
| 79 9-27 | 13,35 G | 5,5 G |
| 9-27 | 13,32 J | 5,2 J |
| 9-28 | 13,14 G | 6,3 G |
| 80 11-10[1] | 13,30 J | 9,3 J |
| 81 10- 4 | 13,11 M | 4,7 M |
| 10- 4 | 13,25 J | 5,9 J |
| 10- 5 | 13,48 M | 5,5 M |
| 10- 5 | 13,07 G | 5,9 G |
| 10- 5 | 13,23 J | 4,5 J |
| 11-28 | | 4,4 J |

[1] D. augmentée de 9" (erreur de réduct.), et non comprise dans la moyenne.

### 33040 P. — 45011 L.

| A. M. J. | AR. | D. |
|---|---|---|
| III. | 22h 54m | 57° 13' |
| 74 10-27 | 13s,73 M | 25",7 M |
| 79 9- 8 | 13,97 M | 25,4 M |

### 33041 P. — 1222 $W_2$.

| A. M. J. | AR. | D. |
|---|---|---|
| I. | 22h 52m | 63° 14' |
| 43 8- 8 | 48s,76 G | 55",3 G |
| 8-11 | | 55,0 F |
| 8-12 | 48,69 G | 54,3 G |
| 8-12 | | 55,3 F |
| 10-11 | 48,56 G | |
| 10-14 | 48,69 G | |
| 10-18 | 48,82 G | |

### 33042 P. — 45001 et 04 L.

| A. M. J. | AR. | D. |
|---|---|---|
| II. | 22h 53m | 77° 16' |
| 56 8-13 | 33s,71 G | 51",7 G |
| 57 10- 5 | 33,61 G | |
| III. | 22h 54m | 77° 12' |
| 79 9- 2 | 18s,61 G | 3",0 G |
| 81 11- 4 | | 4,0 J |

### 33043 P. — 44995 et 97 L.

| A. M. J. | AR. | D. |
|---|---|---|
| II. | 22h 53m | 81° 59' |
| 57 8-22 | 33s,89 G | |
| 8-27 | 33,78 G | |
| 12-18 | 34,00 G | 59",3 G |
| III. | 22h 54m | 81° 55' |
| 71 10-12 | 19s,08 M | 10",5 M |
| 81 10-17 | 19,12 J | 11,6 J |
| 10-30 | 19,26 J | 10,8 J |

### 33044 P. — 44991-92 L.

| A. M. J. | AR. | D. |
|---|---|---|
| II. | 22h 53m | 87° 33' |
| 56 9- 1 | 34s,21 G | |
| 60 11-10 | 34,21 G | 50",4 G |
| 61 10-18 | 34,46 G | 51,3 G |

### 33045 P. — 44993-94 L.

| A. M. J. | AR. | D. |
|---|---|---|
| II. | 22h 53m | 87° 44' |
| 55 10- 8 | 34s,82 G | |
| 56 8-29 | | 7",3 G |
| 57 8-20 | 34,69 G | |
| III. | 22h 54m | 87° 39' |
| 71 9-16 | 20s,73 M | 20",0 M |
| 10-10 | 20,73 M | 20,2 M |

### 33046 P. — 45002-03 L.

| A. M. J. | AR. | D. |
|---|---|---|
| II. | 22h 53m | 87° 24' |
| 56 9- 4 | 37s,87 G | |
| 61 11- 2 | 38,18 G | 17",5 G |
| III. | 22h 54m | 87° 19' |
| 71 10-13 | 23s,85 M | 29",0 M |

### 33047 P. — 45016 L.

| A. M. J. | AR. | D. |
|---|---|---|
| III. | 22h 54m | 53° 19' |
| 68 10-27 | 26s,43 G | 28",9 G |
| 10-28 | 26,50 G | 29,2 G |

### 33048 P. — 10791 Rümker.

| A. M. J. | AR. | D. |
|---|---|---|
| II. | 22h 53m | 64° 48' |
| 58 9-19 | 48s,64 G | |

### 33049 P. — 45008-09 L.

| A. M. J. | AR. | D. |
|---|---|---|
| II. | 22h 53m | 100° 18' |
| 54 9-10 | 48s,99 G | |
| 60 9- 9 | 48,91 G | 5",4 G |
| 10-22 | 48,84 G | |
| 67 9-21 | 48,96 M | 4,1 M |

### 33050 P. — 45000 et 06 L.

| A. M. J. | AR. | D. |
|---|---|---|
| II. | 22h 53m | 113° 32' |
| 55 9-24 | 50s,87 G | |
| 58 10-29 | 50,83 G | 26",7 G |
| III. | 22h 54m | 113° 27' |
| 79 10-20 | 39s,61 J | 39",9 J |

Dates 1800+ — Positions moyennes pour les époques du Catal.

**33051 P. — 45018 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 22$^h$53$^m$ | 69°22′ |
| 57 10-22 | 57$^s$,91 G | |
| 59 11-20 | 58,12 G | |
| 62 9-13 | 57,92 G | 9″,7 G |
| III. | 22$^h$54$^m$ | 69°17′ |
| 71 10-23 | 41$^s$,81 G | 22″,3 G |

**33052 P. — 45023 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 22$^h$54$^m$ | 59°40′ |
| 59 11-10 | | 3″,3 G |
| 64 10-20 | | 4,0 G |
| 10-21 | | 3,8 G |
| 65 9-18 | | 2,8 G |
| 9-19 | | 3,2 G |
| 9-20 | | 3,3 G |
| 66 9-17 | 2$^s$,03 G | |
| III. | 22$^h$54$^m$ | 59°35′ |
| 68 10-20 | 44$^s$,54 G | 15″,6 G |
| 10-22 | 44,66 G | 16,0 G |
| 78 10-22 | 44,74 M | 14,2 M |

**33053 P. — 45021 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 22$^h$54$^m$ | 64°14′ |
| 58 9-10 | 2$^s$,02 G | |
| 10- 4 | 1,92 G | 51″,9 G |
| III. | 22$^h$54$^m$ | 64°10′ |
| 71 11- 5 | 45$^s$,30 G | |
| 74 9-12 | 45,52 M | 2″,4 M |
| 10-10 | 45,51 M | 3,2 M |
| 75 10- 6 | 45,52 M | 3,7 M |

**33054 P. — 45015 et 25 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 22$^h$54$^m$ | 105°1′ |
| 54 9-21 | 1$^s$,17 G | |
| 9-25 | 1,14 G | |
| 59 10- 3 | | 14″,8 G |
| 61 9- 2[1] | 0,45 G | 12,3 G |
| 9-25 | 1,06 G | 15,0 G |
| 9-30 | 1,21 G | 13,9 G |
| 10- 4 | 1,03 G | 14,5 G |
| III. | 22$^h$54$^m$ | 104°56′ |
| 79 10- 7 | 48$^s$,74 J | 27″,3 J |

[1] $\mathcal{A}$ non comprise dans la moyenne : fils discordants.

**33055 P. — 45031 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| III. | 22$^h$54$^m$ | 42°44′ |
| 72 9-25 | 48$^s$,88 M | 55″,7 M |

**33056 P. — 45014 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 22$^h$54$^m$ | 113°10′ |
| 61 11-20 | | 7″,1 G |
| III. | 22$^h$54$^m$ | 113°5′ |
| 80 9-10 | 50$^s$,33 J | 18″,5 J |
| 9-13 | 50,34 M | 17,9 M |
| 9-16 | 50,50 M | 18,1 M |

**33057 P. — 24986-87 A.O.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| III. | 22$^h$54$^m$ | 42°44′ |
| 74 10-13 | | 17″,2 G |

**33058 P. — 45017 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| I. | 22$^h$53$^m$ | 97°53′ |
| 39 9-21 | 20$^s$,08 G | 30″,2 F |
| 50 8-23 | | 30,5 G |
| 52 11- 3 | 20,20 G | |
| 12-18 | 20,10 G | |
| II. | 22$^h$54$^m$ | 97°48′ |
| 57 7-10 | 6$^s$,85 G | |
| 7-11 | 7,07 G | 40″,5 G |
| III. | 22$^h$54$^m$ | 97°43′ |
| 76 8- 7 | 53$^s$,72 G | 52″,8 G |
| 77 10-18 | 53,76 M | 55,0 M |

**33059 P. — 45019 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 22$^h$54$^m$ | 82°45′ |
| 55 11- 2 | 9$^s$,05 G | |
| 58 11- 2 | 9,07 G | |
| 61 9- 7 | 9,06 G | 14″,3 G |
| III. | 22$^h$54$^m$ | 82°40′ |
| 72 10-25 | | 25″,4 G |

**33060 P. — 45034 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| III. | 22$^h$54$^m$ | 45°17′ |
| 72 9-26 | 55$^s$,05 M | 43″,9 M |

**33061 P. — 1234 $W_2$.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 22$^h$54$^m$ | 69°24′ |
| 59 11-20 | 11$^s$,88 G | |

**33062 P. — 45020 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 22$^h$54$^m$ | 90°37′ |
| 60 11-16 | | 46″,6 G |
| III. | 22$^h$54$^m$ | 90°32′ |
| 76 10-14 | 58$^s$,40 G | 57″,2 G |
| 79 9-16 | 58,55 J | 57,4 J |
| 9-17 | 58,55 J | 57,0 J |

**33063 P. — 1236 $W_2$.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 22$^h$54$^m$ | 66°44′ |
| 58 9-24 | 16$^s$,36 G | |

**33064 P. — 45022 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 22$^h$54$^m$ | 95°27′ |
| 58 8-27 | | 45″,6 F |
| 9-26 | 16$^s$,73 G | 45,0 G |
| III. | 22$^h$55$^m$ | 95°22′ |
| 79 10-16 | 3$^s$,62 J | 56″,8 J |

**33065 P. — 45029 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 22$^h$54$^m$ | 63°58′ |
| 58 8- 8 | 20$^s$,53 G | 7″,6 G |
| 9-25 | 20,67 G | 7,8 G |

**33066 P. — 45037 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 22$^h$54$^m$ | 52°2′ |
| 66 9- 1 | 24$^s$,22 G | |
| 9- 5 | 24,21 G | |
| 9-15 | 24,25 G | |
| III. | 22$^h$55$^m$ | 51°57′ |
| 73 10- 8 | 5$^s$,80 G | 44″,9 G |
| 74 11-14 | 5,77 M | 44,8 M |

**33067 P. — 45024 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| III. | 22$^h$55$^m$ | 93°19′ |
| 76 10-16 | 10$^s$,22 G | 34″,8 G |
| 78 9-18[1] | 11,03 G | |
| 80 8-27 | 10,20 M | 34,9 M |
| 10-12[2] | 9,97 M | 31,8 M |
| 81 10-15 | 10,02 M | 34,9 M |

[1] $\mathcal{A}$ non comprise dans la moy. : erreur probable de 1$^s$.
[2] $\mathcal{A}$ augm. de 1$^s$ : erreur de moy.

**33068 P. — 45026 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 22$^h$54$^m$ | 97°42′ |
| 57 8-11 | | 38″,5 G |

**33069 P. — 44990 et 45030 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 22$^h$54$^m$ | 86°17′ |
| 58 12- 1 | 31$^s$,90 G | |
| 59 8-28 | 31,90 G | 10″,4 G |
| III. | 22$^h$55$^m$ | 86°12′ |
| 74 9- 9 | 17$^s$,64 G | 23″,4 G |
| 10-28 | 17,77 G | 24,0 G |
| 11- 4 | 17,69 G | 20,8 G |
| 75 10-12 | 17,85 M | 23,3 M |
| 10-16 | 17,76 M | 22,9 M |

**33070 P. — 3058 Br.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| I. | 22$^h$55$^m$ | 6°29′ |
| 53 4-17 I | 25$^s$,18 G | |
| 4-20 I | 25,12 G | |
| 4-27 I | 25,17 G | |
| 10-20 | 25,22 G | |
| 10-24 | 25,37 G | |
| 11- 4 | 25,61 G | |

**33071 P. — 45028 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| III. | 22$^h$55$^m$ | 94°30′ |
| 78 9-12[1] | 20$^s$,93 J | 45″,9 J |
| 81 10-17[2] | 20,88 M | 47,6 M |
| 10-18 | 21,04 M | 46,9 M |

[1] $\mathcal{A}$ augmentée de 1$^s$: correction indiquée comme probable par l'observateur.
[2] $\mathcal{D}$ dim. de 1″,6 : erreur de réduct.

**33072 P. — 45048 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| III. | 22$^h$55$^m$ | 43°41′ |
| 80 9-10 | 20$^s$,43 G | 27″,6 G |
| 9-11 | 20,42 G | 27,9 G |
| 81 9-28 | 20,64 G | 27,4 G |

**33073 P. — 45032-33 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| I. | 22$^h$53$^m$ | 87°17′ |
| 53 8-28 | 50$^s$,13 G | |
| II. | 22$^h$54$^m$ | 87°13′ |
| 55 11-11 | 35$^s$,83 G | |
| 56 8-26 | | 5″,8 G |

Dates 1800 + — Positions moyennes pour les époques du Catal.

**33073 P. (suite).**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 22h55m | 87°8' |
| 71 10-23 | | 17",8 M |
| 73 10-28 | 21s,72 M | |
| 74 9-15 | 21,59 G | 18,5 G |
| 9-24 | | 18,6 G |
| 10- 7[1] | | 18,9 G |
| 75 10-23 | 21,73 M | 18,8 M |

[1] 𝒫 augm. de 3' : err. de transcr.

**33074 P. — 45040 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h54m | 62°2' |
| 58 10- 2 | 39s,38 G | 52",9 G |
| 10-19 | 39,34 G | |
| 61 9-27 | 39,32 G | 52,8 G |

**33075 P. — 45046 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 22h55m | 56°9' |
| 80 9- 5 | 25s,92 J | 12",7 J |
| 9-11 | 25,97 J | 13,2 J |

**33076 P. — 45036 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 22h55m | 93°21' |
| 78 10-13 | 28s,87 M | 25",9 M |
| 10-14 | 28,85 J | 23,4 J |

**33077 P. — 45044 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h54m | 67°40' |
| 58 8-31 | 45s,54 G | |
| 11- 1[1] | 45,76 G | 40",0 G |
| III. | 22h55m | 67°35' |
| 71 10-12 | 29s,30 G | |
| 11-20 | 29,18 G | |

[1] 𝒫 augmentée de 5'.

**33078 P. — 45041 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h54m | 74°47' |
| 57 8-30 | 47s,07 G | |
| 58 10- 1 | 46,85 G | 47",8 G |

**33079 P. — 45056 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 22h55m | 46°28' |
| 72 9-30 | 33s,68 M | 22",2 M |
| 74 9-14 | 33,91 M | 21,7 M |
| 10-12 | 33,81 M | 20,9 M |

**33080 P. — 45051-52 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 22h55m | 58°3' |
| 80 9-16 | 36s,50 J | 28",6 J |
| 9-29 | 36,50 J | 27,9 J |

**33081 P. — 45042-43 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h54m | 82°5' |
| 58 9-28 | 51s,45 G | 38",2 G |

**33082 P. — 10416 Y.F.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 22h55m | 94°31' |
| 80 8-26 | 38s,67 M | 19",5 M |

**33083 P. — 45060 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h55m | 53°45' |
| 59 10-27 | | 54",1 G |
| 11-18 | | 54,0 G |
| III. | 22h55m | 53°41' |
| 73 10-16 | 44s,94 G | 3",9 G |
| 10-17 | 44,95 G | 4,0 G |

**33084 P. — 45053-54 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h55m | 70°54' |
| 56 8-14 | 1s,58 G | |
| 58 8-26 | 1,44 G | |
| 9-12 | | 48",4 G |

**33085 P. — 45045 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 22h55m | 101°58' |
| 74 10-26[1] | 50s,95 G | 61",1 G |
| 79 9-25 | 50,21 J | 59,0 J |

[1] 𝒜 non comprise dans la moyenne.

**33086 P. — 45068-69 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 22h55m | 43°50' |
| 80 10-30 | 50s,77 G | 25",5 G |
| 81 10- 1 | 50,87 G | 25,7 G |
| 10-16 | 50,57 G | 26,4 G |

**33087 P. — 45063 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h55m | 56°8' |
| 67 10-25 | | 16",3 G |

**33087 P. (suite).**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 22h55m | 56°3' |
| 68 10- 8 | 56s,85 G | 26",3 G |
| 74 10- 7 | 57,00 M | 26,0 M |
| 75 10- 8 | 56,94 M | 27,5 M |

**33088 P. — 45047 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h55m | 109°17' |
| 58 8-20 | 10s,22 G | 36",7 G |
| 61 10- 2 | 10,32 G | 36,4 G |
| III. | 22h55m | 109°12' |
| 78 10-22 | 58s,35 J | 48",4 J |
| 11- 3 | 58,31 M | 47,4 M |

**33089 P. — 45050 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 22h55m | 101°56' |
| 77 9- 4 | 59s,03 M | 11",1 M |
| 9-10 | 59,22 M | 12,6 M |
| 9-11 | 59,45 G | |
| 9-12 | 59,24 M | 12,4 M |
| 9-13 | 59,26 M | 12,1 M |
| 10- 4 | | 12,3 M |
| 78 9-19 | 59,40 M | 11,2 M |
| 9-20 | 59,36 M | 11,8 M |
| 9-20 | 59,03 G | |
| 9-21 | 59,33 G | |
| 9-24 | 59,38 G | 13,9 G |
| 9-26 | 59,24 G | 12,7 G |
| 9-30 | 59,30 M | 12,4 M |
| 10- 2 | 59,24 M | 11,1 M |
| 10- 4 | 59,23 M | 12,7 M |
| 10-12 | 59,24 M | 12,3 M |
| 10-15 | 59,27 M | 12,3 M |
| 10-16 | 59,25 M | 12,0 M |
| 10-17 | 59,13 M | 11,8 M |

**33090 P. — 45065-66 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 22h56m | 57°58' |
| 80 10-18 | 0s,07 J | 45",7 J |

**33091 P. — 45057 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 22h56m | 90°14' |
| 78 9-27 | 0s,48 G | 4",7 G |
| 80 8-30 | 0,68 M | 4,9 M |

**33092 P. — 45058 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 22h56m | 91°16' |
| 76 9-23 | 1s,72 G | 8",1 G |
| 80 9- 1 | 1,73 M | 8,9 M |

**33093 P. — 31926 Mn1.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h55m | 100°59' |
| 67 10-23 | 15s,01 M | 45",8 M |

**33094 P. — 45071 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 22h56m | 51°33' |
| 80 10-25 | 2s,57 J | 47",7 J |
| 81 10-18 | 2,54 J | 48,2 J |

**33095 P. — 45055 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h55m | 97°19' |
| 58 8-24 | 16s,37 G | 28",2 G |
| III. | 22h56m | 97°14' |
| 68 10-13 | 3s,22 M | 39",3 M |
| 74 9-25[1] | | 41,1 G |
| 76 9-23 | 3,03 M | 40,2 M |

[1] 𝒫 diminuée de 0",5 : erreur de réduct.

**30096 P. — 45049 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h55m | 111°37' |
| 55 8-17 | 15s,38 G | |
| 58 10- 6 | 15,48 G | |
| 10-31 | 15,35 G | |
| III. | 22h56m | 111°32' |
| 80 9-26 | 3s,59 M | 17",7 M |

**33097 P. — 45059 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h55m | 105°0' |
| 54 9-25 | 21s,12 G | |
| III. | 22h56m | 104°55' |
| 78 10-10 | 8s,46 M | 27",9 M |
| 79 10-30 | 8,48 J | 30,7 J |

**33098 P. — 45061 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 22h56m | 96°24' |
| 76 10-14 | 8s,82 M | 5",4 M |
| 79 9- 3 | 8,67 M | 4,7 M |

**33099 P. — 45075, 76, 77 et 79 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 22h55m | 48°25' |
| 63 8-14 | 29s,02 G | |
| 9-11 | 29,23 G | |
| 9-12 | 29,08 G | |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (AR, Decl.)

### 33099 P. (suite).

| A. M. J. | AR | Decl. |
|---|---|---|
| II. | 22$^h$55$^m$ | 48°25′ |
| 63 9-27 | 29$^s$,12 G | |
| 10-16 | 29,10 G | |
| 10-19 | 29,09 G | |
| 10-25 | 29,10 G | |
| 64 9-11 | 29,04 G | |
| 9-21 | 29,09 G | |
| 9-22 | 29,05 G | |
| 9-23 | 28,95 G | |
| 9-30 | 28,92 G | |
| 10- 1 | 29,18 G | |
| 10-24 | 29,06 G | |
| 10-27 | 29,13 G | |
| 11- 4 | 29,35 G | |
| 65 9- 2 | 29,11 G | |
| 10-21 | 29,17 G | |
| 10-23 | 29,11 G | |
| 10-28 | 29,11 G | |
| 11- 1 | 29,19 G | |
| III. | 22$^h$56$^m$ | 48°20′ |
| 72 9- 8 | 10$^s$,24 G | |
| 9-10 | 10,19 G | |
| 81 10-15 | 10,33 G | 43″,4 G |
| 10-18 | 9,90 G | 42,4 G |

### 33100 P. — 45070 et 101 L.

| A. M. J. | AR | Decl. |
|---|---|---|
| II. | 22$^h$55$^m$ | 71°3′ |
| 57 9- 6 | 27$^s$,88 G | 52″,9 G |
| III. | 22$^h$56$^m$ | 70°59′ |
| 79 9-10 | 12$^s$,00 M | 6″,3 M |

### 33101 P. — 45073 L.

| A. M. J. | AR | Decl. |
|---|---|---|
| III. | 22$^h$56$^m$ | 61°16′ |
| 81 9-30 | 14$^s$,05 J | 33″,8 J |

### 33102 P. — 45078 L.

| A. M. J. | AR | Decl. |
|---|---|---|
| II. | 22$^h$55$^m$ | 53°16′ |
| 59 11-23 | | 25″,9 G |
| III. | 22$^h$56$^m$ | 53°11′ |
| 79 10-12 | 14$^s$,68 G | 36″,6 G |
| 10-16 | 14,58 G | 38,0 G |
| 10-27 | 14,42 G | 36,0 G |

### 33103 P. — 45072 L.

| A. M. J. | AR | Decl. |
|---|---|---|
| III. | 22$^h$56$^m$ | 67°19′ |
| 80 10-24 | 15$^s$,21 J | 53″,4 J |
| 81 9-13 | 15,46 J | 53,3 J |

### 33104 P. — 45082 L.

| A. M. J. | AR | Decl. |
|---|---|---|
| III. | 22$^h$56$^m$ | 42°42′ |
| 81 10-22 | 16$^s$,95 G | 57″,7 G |
| 10-30 | 17,11 G | 59,3 G |

### 33105 P. — 45062 L.

| A. M. J. | AR | Decl. |
|---|---|---|
| II. | 22$^h$55$^m$ | 104°5′ |
| 54 9- 6 | 29$^s$,91 G | |
| 61 9-26 | 30,09 G | 24″,4 G |
| 10-12 | 29,98 G | 25,5 G |
| III. | 22$^h$56$^m$ | 104°0′ |
| 78 9-12 | 17$^s$,30 M | 36″,2 M |
| 9-29 | 17,42 M | 35,4 M |

### 33106 P. — 45064 L.

| A. M. J. | AR | Decl. |
|---|---|---|
| II. | 22$^h$55$^m$ | 93°12′ |
| 57 8-13 | 31$^s$,77 G | |
| 58 9- 8 | 31,74 G | |
| III. | 22$^h$56$^m$ | 93°8′ |
| 80 9- 2 | 17$^s$,92 M | 8″,9 M |
| 9-11 | 17,99 M | 7,2 M |

### 33107 P. — 45091 L.

| A. M. J. | AR | Decl. |
|---|---|---|
| III. | 22$^h$56$^m$ | 37°49′ |
| 81 10-31 | 19$^s$,85 G | 45″,1 G |
| 11- 4 | 19,83 G | 44,8 G |

### 33108 P. — 45085-86 L.

| A. M. J. | AR | Decl. |
|---|---|---|
| III. | 22$^h$56$^m$ | 43°39′ |
| 81 11-28 | 20$^s$,75 G | 17″,9 G |

### 33109 P. — 45074 L.

| A. M. J. | AR | Decl. |
|---|---|---|
| II. | 22$^h$55$^m$ | 74°31′ |
| 58 10- 5 | 38$^s$,86 G | |
| 60 10-27 | 38,86 G | |
| III. | 22$^h$56$^m$ | 74°26′ |
| 79 9-30 | 23$^s$,23 G | 21″,3 G |
| 10- 4 | 23,35 G | 22,4 G |
| 10- 7 | 23,35 G | |

### 33110 P. — 1170 W$_1$.

| A. M. J. | AR | Decl. |
|---|---|---|
| II. | 22$^h$55$^m$ | 85°55′ |
| 62 9-25 | 42$^s$,22 G | |

### 33111 P. — 45084 L.

| A. M. J. | AR | Decl. |
|---|---|---|
| III. | 22$^h$56$^m$ | 67°32′ |
| 81 10-15 | 38$^s$,37 J | 27″,0 J |

### 33112 P. — 45090 L.

| A. M. J. | AR | Decl. |
|---|---|---|
| III. | 22$^h$56$^m$ | 61°28′ |
| 81 10-10[1] | 40$^s$,59 J | 1″,8 J |

[1] AR diminuée de 1$^s$. C'est à tort que l'on avait augm. le passage observé de 1$^s$.

### 33113 P. — 45080-81 L.

| A. M. J. | AR | Decl. |
|---|---|---|
| II. | 22$^h$55$^m$ | 91°10′ |
| 55 9- 9 | 57$^s$,98 G | |
| 9-16 | 57,93 G | |
| 58 8-15 | | 31″,9 G |
| 9-11 | | 32,9 F |
| 61 11- 3 | 58,24 G | |
| III. | 22$^h$56$^m$ | 91°5′ |
| 78 10- 3 | 44$^s$,19 M | 47″,2 M |

### 33114 P. — 45083 L.

| A. M. J. | AR | Decl. |
|---|---|---|
| II. | 22$^h$56$^m$ | 85°48′ |
| 55 9-28 | 0$^s$,22 G | |
| 61 9- 7 | 0,20 G | 42″,9 G |
| 62 9-25 | | 43,1 G |

### 33115 P. — 45094 à 96 L.

| A. M. J. | AR | Decl. |
|---|---|---|
| I. | 22$^h$55$^m$ | 48°4′ |
| 53 7-21 | | 28″,3 G |
| III. | 22$^h$56$^m$ | 47°54′ |
| 81 9-16 | | 51″,0 G |
| 11- 9 | 51$^s$,08 G | 49,9 G |

### 33116 P. — 45176 L.

| A. M. J. | AR | Decl. |
|---|---|---|
| I. | 22$^h$56$^m$ | 10°29′ |
| 53 2- 41[1] | 23$^s$,52 G | |

[1] AR diminuée de 1$^m$ : erreur de moy.

### 33117 P. — 45099 L.

| A. M. J. | AR | Decl. |
|---|---|---|
| III. | 22$^h$56$^m$ | 50°46′ |
| 81 10- 4 | 56$^s$,97 J | 45″,7 J |
| 10-17 | 57,07 J | 46,8 J |

### 33118 P. — 45104 L.

| A. M. J. | AR | Decl. |
|---|---|---|
| III. | 22$^h$57$^m$ | 46°36′ |
| 68 10-20 | 2$^s$,38 M | 46″,9 M |
| 72 9-17 | 2,14 M | 45,7 M |

### 33119 P. — 45103 L.

| A. M. J. | AR | Decl. |
|---|---|---|
| III. | 22$^h$57$^m$ | 56°3′ |
| 74 10-16 | 5$^s$,79 M | |
| 80 9-30 | 5,92 M | 3″,1 M |

### 33120 P. — 45089 L.

| A. M. J. | AR | Decl. |
|---|---|---|
| II. | 22$^h$56$^m$ | 116°30′ |
| 55 9- 7 | 20$^s$,79 G | |
| 58 9- 9 | | 32″,6 G |
| III. | 22$^h$57$^m$ | 116°25′ |
| 79 10-12 | 9$^s$,41 J | 44″,5 J |

### 33121 P. — 45115 L.

| A. M. J. | AR | Decl. |
|---|---|---|
| III. | 22$^h$57$^m$ | 48°27′ |
| 68 10-28 | 21$^s$,16 M | 7″,4 M |
| 74 10- 8 | 21,26 M | 9,6 M |
| 10-10 | 21,24 M | 7,3 M |

### 33122 P. — 45102 L.

| A. M. J. | AR | Decl. |
|---|---|---|
| II. | 22$^h$56$^m$ | 95°32′ |
| 60 9-11 | 39$^s$,70 G | 58″,3 G |
| III. | 22$^h$57$^m$ | 95°28′ |
| 75 11- 2 | 26$^s$,64 M | 8″,2 M |

### 33123 P. — 45117 et 19 L.

| A. M. J. | AR | Decl. |
|---|---|---|
| II. | 22$^h$56$^m$ | 52°27′ |
| 59 10-27 | | 14″,6 G |
| 11-18 | | 12,6 G |
| 61 11- 9 | 46$^s$,63 G | 12,6 G |
| 11-21 | | 12,1 G |
| 66 9-26 | 46,75 G | 12,8 G |
| III. | 22$^h$57$^m$ | 52°22′ |
| 74 11- 4 | 28$^s$,38 M | |

### 33124 P. — 45112 L.

| A. M. J. | AR | Decl. |
|---|---|---|
| II. | 22$^h$56$^m$ | 67°22′ |
| 58 9-25 | 45$^s$,70 G | 28″,1 G |
| 10- 4 | 45,36 G | 28,9 G |

Dates 1800 + A. M. J. — Positions moyennes pour les époques du Catal. Æ. 𝒫.

**33125 P. — 45105 à 07 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | I. | |
| | 22h 55m | 87°0′ |
| 43 9- 8 | 59s,33 G | |
| 44 8-28 | 59,50 G | |
| 45 7-22 | 59,32 G | |
| 46 10- 3 | 59,45 G | |
| 47 9-22 | | 45″,8 G |
| 9-23 | 59,33 G | 47,5 G |
| 52 12-17 | 59,52 G | |
| | II. | |
| | 22h 56m | 86°55′ |
| 54 8-20 | 45s,01 G | |
| 55 10-16 | 45,00 G | |
| 61 10-14 | 44,94 G | 57″,9 G |
| 10-15 | 45,18 G | 58,6 G |
| 62 9- 8 | 45,05 G | 58,4 G |
| | III. | |
| | 22h 57m | 86°51′ |
| 71 9- 2 | 30s,68 M | 9″,1 M |
| 9-16 | 30,76 M | 9,1 M |
| 10-14 | 30,75 M | 8,6 M |
| 10-16 | 30,83 M | 10,0 M |

**33126 P. — 45113 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 56m | 87°27′ |
| 58 8-23 | 56s,31 G | 29″,7 G |
| 60 11-10 | 56,40 G | 27,6 G |

**33127 P. — 45123 à 30 L.**

53 β Pégase.

Étoile fondamentale.

**33128 P. — 45114 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 57m | 104°53′ |
| 61 9-30 | 2s,35 G | 40″,4 G |
| | III. | |
| | 22h 57m | 104°48′ |
| 78 10- 8 | 49s,99 M | 50″,7 M |
| 10-20[1] | 50,13 M | 50,8 M |

[1] Æ diminuée de 0s,33 : erreur de 1s sur deux fils.

**33129 P. — 45131-32 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 57m | 87°7′ |
| 71 10-13 | 56s,52 M | 45″,0 M |
| 72 10-25 | 56,37 G | 45,4 G |

**33130 P. — 45144 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 57m | 37°22′ |
| 81 9-29 | 59s,37 G | 12″,0 G |

**33131 P. — 45134 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 58m | 89°4′ |
| 71 9-19[1] | 8s,89 M | 21″,4 M |
| 10-10 | 8,85 M | 22,5 M |

[1] Æ diminuée de 1m.

**33132 P. — 45148 et 50 à 54 L.**

54 α Pégase.

Étoile fondamentale.

**33133 P. — 45164 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 58m | 40°37′ |
| 72 9-26 | 34s,38 M | 38″,1 M |
| 74 9-15 | 34,30 M | 38,8 M |

**33134 P. — 45137 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 57m | 107°49′ |
| 54 9-21 | 48s,26 G | |
| | III. | |
| | 22h 58m | 107°45′ |
| 79 9-16 | 35s,84 J | 7″,2 J |
| 9-27 | 35,87 J | 6,7 J |

**33135 P. — 45146 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 58m | 86°4′ |
| 71 10-12 | 35s,74 M | 24″,4 M |
| 74 10-12 | 35,89 G | 24,9 G |
| 75 10-12 | 36,13 M | 24,1 M |
| 10-16 | 35,79 M | 25,0 M |

**33136 P. — 45160 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 57m | 59°26′ |
| 59 11-23 | | 43″,5 G |
| 66 9-17[1] | 53s,64 G | |
| | III. | |
| | 22h 58m | 59°21′ |
| 73 10- 8[2] | 36s,75 G | 54″,5 G |
| 10-17[2] | 36,70 G | 52,2 G |

[1] Æ augmentée de 5s : erreur de moy.
[2] 𝒫 augmentée de 5′.

**33137 P. — 45147 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 57m | 86°31′ |
| 59 8-28 | | 21″,3 G |
| 60 9-20 | 51s,64 G | 21,3 G |
| 62 9-15 | 51,74 G | 21,9 G |

**33138 P. — 45155 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 58m | 84°9′ |
| 75 10-23 | 38s,13 M | 23″,8 M |
| 79 9-30 | 38,22 G | 22,9 G |
| 10-11 | 38,32 G | 23,5 G |

**33139 P. — 45140 à 43 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 57m | 98°26′ |
| 57 10-28 | 51s,72 G | 55″,4 G |
| 58 9- 8 | 51,46 G | |
| 9-26 | | 54,3 G |
| | III. | |
| | 22h 58m | 98°22′ |
| 68 10-10 | 38s,60 M | 6″,1 M |
| 74 9-24 | | 4,0 G |
| 10- 3 | | 4,9 G |
| 10- 7 | | 6,5 G |

**33140 P.**

L'étoile primitivement inscrite sous ce numéro correspondait à une observation supposée faite au passage supérieur et qui, en réalité, avait été faite au passage inférieur.

**33141 P. — 45145 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 57m | 107°39′ |
| 58 9-27 | | 10″,9 F |
| 61 9-27 | 56s,80 G | 10,8 G |
| | III. | |
| | 22h 58m | 107°34′ |
| 79 10- 7 | 44s,39 J | 21″,6 J |

**33142 P. — 3054 Br.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | I. | |
| | 22h 57m | 23°37′ |
| 52 12- 8 I | | 32″,6 F |
| 12-10 | | 31,4 F |
| 12-10 I | | 33,0 F |
| 12-11 I | | 31,6 F |
| 12-15 | | 31,1 F |
| 12-17 | | 31,8 F |
| 12-18 | | 31,2 F |
| 12-19 | | 30,4 F |
| 12-19 I | | 30,6 F |
| 12-20 I | | 32,2 F |

**33143 P. — 45156 à 59 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 58m | 98°30′ |
| 57 10-28 | 1s,42 G | |
| 58 9- 8 | 1,36 G | 32″,2 G |
| | III. | |
| | 22h 58m | 98°25′ |
| 79 10-16 | 48s,31 J | 43″,0 J |

**33144 P. — 45163 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 58m | 89°26′ |
| 55 9-17 | | 47″,4 G |
| 58 8-27 | 7s,72 G | 47,2 G |
| 61 9- 7 | 7,85 G | 48,0 G |
| 10- 3 | 7,83 G | 49,3 G |

**33145 P. — 45165 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | I. | |
| | 22h 57m | 74°15′ |
| 47 12- 1 | 27s,10 G | |
| | II. | |
| | 22h 58m | 74°11′ |
| 58 10- 2 | | 0″,3 G |
| 62 9- 6 | 11s,29 G | |

**33146 P. — 45166-67 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | III. | |
| | 22h 58m | 66°9′ |
| 80 10-18 | 58s,30 J | 7″,3 J |
| 81 10-18 | 58,23 J | 8,3 J |

**33147 P. — 1221 $W_1$.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | I. | |
| | 22h 57m | 98°0′ |
| 53 9-10 | 24s,69 G | |

**33148 P. — 45175 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | II. | |
| | 22h 58m | 57°22′ |
| 66 10- 8 | 21s,29 G | 7″,7 G |
| | III. | |
| | 22h 59m | 57°17′ |
| 73 10-16 | 3s,58 G | 16″,7 G |
| 79 10-12 | 3,82 G | 17,2 G |
| 10-20 | 3,72 G | 15,4 G |
| 10-27 | 3,89 G | 17,4 G |

**33149 P. — 45245 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | I. | |
| | 22h 58m | 10°3′ |
| 53 9-20 | 33s,24 G | |
| 9-24 | 33,86 G | |
| 10-12 | 33,29 G | |
| 10-13 | 33,80 G | |
| 10-23 | 33,62 G | |
| | II. | |
| | 22h 58m | 9°58′ |
| 54 1-24 I | 48s,77 G | |

**33150 P. — 45135 L.**

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| | I. | |
| | 22h 57m | 76°23′ |
| 40 10-12 | 43s,54 G | |
| 10-13 | 43,64 G | |

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**33151 P. — 45178 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h58m | 75°47' |
| 58 10- 5 | 34s,72G | 42",2G |
| III. | 22h59m | 75°42' |
| 80 9-11 | 19s,61M | 51",7M |

**33152 P. — 45168 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h58m | 105°11' |
| 61 10-12 | 33s,60G | 58",2G |
| III. | 22h59m | 105°7' |
| 78 9-29 | 21s,39M | 8",5M |
| 10-10 | 21,18M | 7,9M |
| 10-22 | 21,32M | 7,8M |

**33153 P. — 45169 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h58m | 101°11' |
| 58 11-10 | | 31",6F |
| 67 9-27 | 34s,45M | 31,6M |
| III. | 22h59m | 101°6' |
| 77 9-11 | 21s,67G | |
| 9-26 | 21,58M | 41",9M |
| 9-27 | 21,60M | 41,6M |
| 10- 4 | 21,62M | 41,1M |
| 10- 6 | 21,55M | 42,8M |
| 10-13 | 21,59M | 42,8M |
| 79 10-30 | 21,48M | 42,7M |

**33154 P. — 45170 et 72 à 74 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h58m | 98°41' |
| 55 9- 9 | 35s,25G | |
| 57 9-22 | 35,42G | |
| 58 8-15 | | 27",8G |
| 8-27 | | 31,4F |
| 10-30 | | 28,7G |
| III. | 22h59m | 98°36' |
| 76 10-14 | 22s,21M | 39",1M |

**33155 P. — 45179-80 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h58m | 66°6' |
| 58 9-24 | 39s,84G | 4",3G |
| III. | 22h59m | 66°1' |
| 79 10-16 | 23s,66G | 13",7G |

**33156 P. — 45181 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 22h59m | 64°39' |
| 81 9-28 | 24s,34J | 52",8J |

**33157 P. — 45187 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 22h59m | 41°37' |
| 72 9-30 | 27s,28M | 22",1M |
| 74 10-12 | 27,25M | 18,7M |

**33158 P. — 45182-83 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h58m | 81°51' |
| 58 9-28 | 49s,02G | 30",4G |
| III. | 22h59m | 81°46' |
| 79 10- 4 | 34s,29G | 43",0G |
| 10- 7 | 34,38G | |

**33159 P. — 45188 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 22h59m | 51°35' |
| 81 10-17 | 37s,47J | 43",0J |

**33160 P. — 1240 W₁.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 22h59m | 100°3' |
| 80 10-24 | 38s,67J | 42",0J |

**33161 P. — 1241 W₁[1].**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 22h59m | 100°16' |
| 80 10-25 | 45s,04J | 43",8J |

[1] La dist. pol. de W₁ doit être augm. de 1': err. de réduct.

**33162 P. — 45186 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 22h58m | 72°44' |
| 40 10-10 | 16s,69G | |

**33163 P. — 45190 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 22h59m | 47°25' |
| 80 9-11 | 46s,09G | 40",1G |
| 10-24 | 46,09G | 36,6G |

**33164 P. — 45194-95 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 22h59m | 43°57' |
| 81 10-22 | 49s,34G | 11",7G |

**33165 P. — 45192 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h59m | 55°29' |
| 59 10-27 | | 4",3G |
| 62 9-25 | 11s,55G | 3,7G |
| III. | 22h59m | 55°24' |
| 69 9-22 | 54s,32M | 13",4M |

**33166 P. — 45184-85 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h59m | 114°29' |
| 55 9-24 | 9s,37G | |
| 58 9- 9 | | 54",8G |
| 10- 6 | 9,15G | 55,0G |

**33167 P. — 45198 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h0m | 46°47' |
| 81 9-30 | 2s,13G | 19",8G |
| 10- 1 | 2,20G | 21,5G |

**33168 P. — 45196 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h59m | 61°47' |
| 58 9-25 | 20s,85G | 40",0G |
| 10- 4 | 20,36G | 41,5G |

**33169 P. — 45189 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h0m | 99°19' |
| 68 10-13 | 4s,10M | 0",6M |
| 74 10-13 | 4,15G | 2,3G |

**33170 P. — 45193 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 22h58m | 72°19' |
| 40 9-20 | 36s,03G | |
| 11- 1 | 36,14G | |
| II. | 22h59m | 72°14' |
| 58 8-24 | 20s,72G | 23",7G |
| 8-26 | 20,67G | |
| 9-20 | | 24,2G |
| 60 9-12 | 20,91G | 24,0G |
| 11-16 | | 24,1G |

**33171 P. — 45201 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h59m | 57°28' |
| 67 10-25 | | 20",9G |

**33172 P. — 1357 W₂.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h0m | 60°46' |
| 81 9-29[1] | 14s,57J | 45",1J |

[1] 𝒜 augmentée de 2m : la correction de 1m indiquée au Volume des observations de 1879 a été faite en sens inverse.

**33173 P. — 45203 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h0m | 53°51' |
| 74 10-16 | 18s,38M | 14",5M |
| 10-27 | 18,38M | 14,4M |

**33174 P. — 45208 et 10 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h0m | 48°53' |
| 80 9-10 | 21s,72G | 3",2G |
| 81 10-15 | 21,70G | 5,7G |
| 10-18 | 21,79G | |
| 10-30 | 21,69G | 3,5G |

**33175 P. — 45197 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 22h59m | 103°28' |
| 54 8-27 | 38s,05G | 52",5G |
| III. | 23h0m | 103°24' |
| 77 10-15 | 25s,29M | 5",9M |
| 10-16 | 25,15M | 6,2M |
| 10-20 | 25,39M | 7,3M |
| 78 9-19 | 25,27G | 6,3G |
| 9-20 | 25,23G | |
| 9-21 | 25,34G | |
| 9-24 | 25,36M | 5,9M |
| 9-24 | 25,39G | 8,1G |
| 9-26 | 25,24G | 5,4G |
| 9-27 | 25,20M | 6,2M |
| 9-27 | 25,26G | 5,5G |
| 9-28 | 25,16M | 8,8M |
| 9-30 | 25,31M | 6,0M |
| 10- 2 | 25,21M | 5,5M |
| 10- 4 | 25,33M | 5,1M |
| 10-12 | 25,34M | 6,6M |
| 10-15 | 25,38M | 6,7M |
| 10-16 | 25,41M | 5,8M |
| 10-17 | 25,23M | 5,7M |

**33176 P. — 45200 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h0m | 85°38' |
| 71 9-19 | 25s,96M | 19",5M |
| 10-10 | 25,79M | 19,7M |
| 10-12 | 25,70M | 21,2M |
| 72 10-25 | 25,72G | 21,9G |

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**33177 P. — 45211 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| III. | 23$^h$0$^m$ | 60°3' |
| 71 11- 5 | 29$^s$,96 G | |
| 74 9-19 | 30,02 M | 16",5 M |
| 10- 7 | 30,11 M | 17,1 M |
| 10-10 | 30,04 M | 16,9 M |
| 75 10- 6 | 30,14 M | 17,5 M |

**33178 P. — 45269 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| I. | 22$^h$59$^m$ | 15°19' |
| 53 3-24 I | 34$^s$,47 G | |
| 9-17 | 34,29 G | |
| 9-19 | 34,25 G | |

**33179 P. — 1252 W$_1$.**

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 22$^h$59$^m$ | 87°43' |
| 61 9-30 | 45$^s$,52 G | 10",7 G |

**33180 P. — 45221 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| III. | 23$^h$0$^m$ | 46°13' |
| 81 10-19 | 37$^s$,14 G | 22",2 G |
| 10-31 | | 22,8 G |

**33181 P. — 45218 à 20 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| III. | 23$^h$0$^m$ | 48°4' |
| 81 9-16 | 38$^s$,54 G | 55",3 G |
| 9-27 | 38,82 G | 55,9 G |

**33182 P. — 45206 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| I. | 22$^h$59$^m$ | 87°47' |
| 42 10-28 | 8$^s$,47 G | |
| II. | 22$^h$59$^m$ | 87°42' |
| 57 8-13 | 54$^s$,17 G | |
| 58 12- 1 | 54,25 G | |
| 61 9-30 | 54,20 G | 15",5 G |
| 10-14 | 54,11 G | 15,1 G |

**33183 P. — 45204-05 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 22$^h$59$^m$ | 98°26' |
| 57 11-11 | 54$^s$,84 G | 55",7 G |
| 58 9-26 | | 54,4 G |
| III. | 23$^h$0$^m$ | 98°22' |
| 79 9-25 | 41$^s$,59 J | 5",3 J |
| 80 9-10 | 41,70 J | 5,6 J |

**33184 P. — 17436 Bonn.**

| A. M. J. | Æ. | P. |
|---|---|---|
| III. | 23$^h$0$^m$ | 49°11' |
| 81 11-28 | 41$^s$,91 G | |

**33185 P. — 45214 à 16 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| I. | 22$^h$59$^m$ | 81°25' |
| 41 10-19 | 11$^s$,80 G | |
| 10-20 | 11,92 G | |
| 42 10- 9 | 11,93 G | |
| 10-10 | 11,85 G | |
| 10-11 | 11,92 G | |
| 10-13 | 11,91 G | |
| 10-17 | 11,82 G | |
| II. | 22$^h$59$^m$ | 81°20' |
| 55 10-31 | 57$^s$,11 G | |
| 57 9-21 | 57,30 G | |
| 60 9-20 | 57,14 G | 46",1 G |
| 10- 6 | 57,04 G | 46,4 G |
| 11-10 | 57,04 G | 45,4 G |
| 61 9- 7 | 56,93 G | 45,7 G |

**33186 P. — 45207 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 22$^h$59$^m$ | 99°34' |
| 55 8-16 | | 8",1 G |
| 57 8-10 | 58$^s$,91 G | |
| 58 9-26 | 59,14 G | |
| 10-12 | 59,12 G | |
| III. | 23$^h$0$^m$ | 99°29' |
| 76 9-23 | 46$^s$,33 M | 19",9 M |

**33187 P. — 45213 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 23$^h$0$^m$ | 102°33' |
| 58 11- 2 | 4$^s$,39 G | |
| 11-30 | | 44",2 G |
| III. | 23$^h$0$^m$ | 102°28' |
| 77 9- 4 | 51$^s$,44 M | 52",8 M |

**33188 P. — 45230 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 23$^h$0$^m$ | 52°30' |
| 66 10- 9 | 18$^s$,01 G | 48",0 G |
| III. | 23$^h$1$^m$ | 52°25' |
| 73 11- 3 | 0$^s$,10 G | |
| 74 10- 8 | | 57",3 G |
| 10-12 | 0,01 G | 55,7 G |
| 10-27 | 0,29 G | 56,3 G |

**33189 P. — 45232 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| III. | 23$^h$1$^m$ | 52°39' |
| 81 10-15 | 1$^s$,46 J | 33",4 J |

**33190 P. — 45224-25 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| I. | 22$^h$59$^m$ | 65°22' |
| 37 9-23 | 34$^s$,00 G | 2",2 F |
| 9-24 | 34,08 G | |
| 9-25 | 34,03 G | |
| 9-26 | 34,03 G | |
| 9-27 [1] | 34,15 G | 2,2 F |
| 9-28 | 34,13 G | |
| 9-29 | 34,10 G | |
| 10- 3 | 34,10 G | |
| 10- 4 [2] | 34,01 G | 1,3 F |
| 39 9-13 | 34,06 G | |
| 40 8-30 | 34,06 G | 2,9 F |
| 8-31 | 34,05 G | 1,3 F |
| 10-25 | 34,11 G | |
| 46 9- 5 | 34,15 G | |
| 9- 6 | 34,15 G | |
| II. | 23$^h$0$^m$ | 65°17' |
| 57 12-27 | 17$^s$,68 G | |
| 58 11- 4 | | 12",0 G |
| III. | 23$^h$1$^m$ | 65°12' |
| 71 11-14 | 1$^s$,51 G | |
| 74 9-24 | 1,47 M | 21",5 M |
| 75 10- 8 | 1,47 M | 21,8 M |

[1] P diminuée de 2° 5'.
[2] P diminuée de 5'.

**33191 P. — 1264 W$_1$.**

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 23$^h$0$^m$ | 75°29' |
| 57 10- 5 | 19$^s$,38 G | |

**33192 P. — 45237 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| III. | 23$^h$1$^m$ | 55°37' |
| 80 10-30 | 6$^s$,29 J | 20",4 J |
| 81 10-10 | 6,35 J | 20,0 J |
| 10-30 | 6,33 J | 20,7 J |

**33193 P. — 45240 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 23$^h$0$^m$ | 55°7' |
| 66 9-15 | 26$^s$,41 G | |
| 67 10-30 | | 10",8 G |
| III. | 23$^h$1$^m$ | 55°2' |
| 81 9-13 | 9$^s$,02 J | 21",9 J |
| 9-30 | 8,90 J | 21,8 J |

**33194 P. — 45222 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 23$^h$0$^m$ | 100°25' |
| 54 8-31 | 23$^s$,99 G | |
| 58 8-27 | | 20",5 G |
| 59 10- 3 | | 20,3 G |
| III. | 23$^h$1$^m$ | 100°20' |
| 78 10- 3 | 11$^s$,07 M | 30",6 M |
| 10- 8 | 11,08 M | 30,9 M |

**33195 P.**

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 23$^h$0$^m$ | 69°37' |
| 58 10-19 | 32$^s$,04 G | |

**33196 P. — 45241 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| I. | 22$^h$59$^m$ | 69°42' |
| 48 9- 9 | 50$^s$,38 G | |
| II. | 23$^h$0$^m$ | 69°37' |
| 58 8-30 | 34$^s$,51 G | |
| 10-19 | 34,76 G | |
| 11-22 | 34,58 G | 12",1 G |
| III. | 23$^h$1$^m$ | 69°32' |
| 79 9-25 | 18$^s$,73 G | 21",9 G |
| 9-26 | 18,88 G | 21,8 G |
| 9-27 | 18,79 G | 22,6 G |
| 9-28 | 18,79 G | 23,8 G |
| 9-30 | 18,76 G | 23,7 G |

**33197 P. — 1 Cassiopée.**

| A. M. J. | Æ. | P. |
|---|---|---|
| I. | 23$^h$0$^m$ | 31°25' |
| 47 3- 1 I | 4$^s$,67 G | |
| 3-14 I | 4,69 G | |
| 52 12-17 | 4,82 G | |

**33198 P. — 45233 à 35 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| I. | 22$^h$59$^m$ | 91°7' |
| 42 10-20 | 48$^s$,97 G | |
| II. | 23$^h$0$^m$ | 91°3' |
| 55 9-10 | | 6",6 G |
| 9-16 [1] | 34$^s$,81 G | |
| III. | 23$^h$1$^m$ | 90°58' |
| 76 9-20 | 21$^s$,00 G | 19",4 G |
| 10-14 | 21,06 G | 18,2 G |
| 78 10-13 | 21,23 M | 18,9 M |

[1] Æ diminuée de 2$^s$ : erreur de transcr.

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**33199 P. — 45212 L.**

| A. M. J. | AR | D |
|---|---|---|
| | III. | |
| | 23h 1m | 50°7' |
| 81 10- 5[1] | 24s,91 J | 30",3 J |

[1] AR diminuée de 0s,80 : erreur de 0s,20 dans la moyenne, et correction de 1s indiquée comme probable par l'observateur.

**33200 P. — 45252 L.**

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | 23h 0m | 57°55' |
| 66 9-26[1] | 46s,33 G | 50",2 G |
| 67 10-28 | | 49,8 G |
| | III. | |
| | 23h 1m | 57°50' |
| 73 10-16 | 29s,13 G | 58",0 G |
| 10-17 | 29,43 G | 59,9 G |
| 74 11- 5 | 29,34 M | 60,1 M |
| 79 10-30 | 29,31 G | 61,5 G |

[1] D diminuée de 1'.

**33201 P. — 45267 L.**

| A. M. J. | AR | D |
|---|---|---|
| | III. | |
| | 23h 1m | 40°28' |
| 81 10-29 | 29s,50 G | 59",9 G |

**33202 P. — 45242 L.**

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | 23h 0m | 78°4' |
| 57 9-20 | 47s,89 G | 58",6 G |
| | III. | |
| | 23h 1m | 78°0' |
| 79 10-12 | 32s,79 G | 8",9 G |

**33203 P. — 45268 et 70-71 L.**

| A. M. J. | AR | D |
|---|---|---|
| | I. | |
| | 23h 0m | 44°46' |
| 51 9-16 | 13s,17 G | |
| | III. | |
| | 23h 1m | 44°36' |
| 72 9-17 | 34s,86 M | 25",8 M |
| 9-26 | 34,90 M | 26,5 M |
| 80 9-27 | 34,87 G | 25,9 G |
| 9-28 | 34,91 G | 25,8 G |

**33204 P. — 305 Piazzi.**

| A. M. J. | AR | D |
|---|---|---|
| | I. | |
| | 22h 59m | 119°39' |
| 39 8-20[1] | 57s,52 G | |
| 8-23 | 57,28 G | |
| 8-24 | 57,29 G | 35",0 F |
| 9- 8 | 57,33 G | 36,3 F |
| 9- 9 | 57,35 G | 34,8 F |
| 9-13 | | 31,8 F |

[1] Erreur dans la déclinaison indiquée (dist. des fils). On avait pris la hauteur pour la déclinaison.

**33205 P. — 45258 L.**

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | 23h 0m | 54°27' |
| 59 10-27 | | 16",3 G |
| 61 11- 9[1] | 52s,92 G | 16,6 G |
| 62 9-20 | 52,82 G | 15,0 G |

[1] D augmentée de 1'.

**33206 P. — 45275 L.**

| A. M. J. | AR | D |
|---|---|---|
| | III. | |
| | 23h 1m | 37°51' |
| 80 10-30 | 38s,01 G | 33",0 G |

**33207 P. — 45273 L.**

| A. M. J. | AR | D |
|---|---|---|
| | III. | |
| | 23h 1m | 47°17' |
| 81 11- 9 | 38s,89 G | 4",5 G |

**33208 P. — 45257 et 59 L.**

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | 23h 0m | 60°42' |
| 58 10-29 | 55s,62 G | 6",2 G |
| | III. | |
| | 23h 1m | 60°37' |
| 71 11-20 | 38s,84 G | |
| 74 9-15 | 38,92 M | 15",0 M |
| 80 9- 5 | 39,08 J | 14,7 J |
| 10-18 | 39,01 J | 14,3 J |
| 81 10-18 | 38,72 J | 15,2 J |

**33209 P. — 45247 à 49 L.**

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | 23h 0m | 87°11' |
| 57 8-22 | 53s,50 G | |
| | III. | |
| | 23h 1m | 87°6' |
| 74 11- 4 | 39s,31 G | 6",8 G |
| 76 9-22 | 39,34 G | 6,7 G |

**33210 P. — 45209 et 51 L.**

| A. M. J. | AR | D |
|---|---|---|
| | I. | |
| | 23h 0m | 85°57' |
| 50 9-17 | 10s,76 G | |
| | III. | |
| | 23h 1m | 85°48' |
| 71 9-16 | 42s,15 M | 6",7 M |
| 10-16 | 41,97 M | 7,4 M |

**33211 P. — 45272 L.**

| A. M. J. | AR | D |
|---|---|---|
| | III. | |
| | 23h 1m | 60°14' |
| 71 10-14 | 46s,65 G | 12",2 G |
| 10-23 | 46,63 G | |
| 74 10- 8 | 46,68 M | 12,9 M |
| 10-14 | 46,78 M | 11,8 M |

**33212 P. — 45217 et 54 L.**

| A. M. J. | AR | D |
|---|---|---|
| | III. | |
| | 23h 1m | 85°38' |
| 74 9-14 | 48s,57 G | 23",6 G |

**33213 P. — 45274 L.**

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | 23h 1m | 61°3' |
| 58 11- 1 | 8s,06 G | |
| | III. | |
| | 23h 1m | 60°58' |
| 79 10-27 | 51s,37 G | 58",1 G |
| 11- 9 | 51,07 G | 59,5 G |

**33214 P. — 45261 L.**

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | 23h 1m | 88°45' |
| 55 11-11 | 8s,50 G | |
| 61 10- 3 | 8,47 G | 34",8 G |
| | III. | |
| | 23h 1m | 88°40' |
| 79 9-16 | 54s,40 J | 44",1 J |

**33215 P. — 45255-56 L.**

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | 23h 1m | 99°45' |
| 58 8-20 | 9s,13 G | 56",2 G |
| 61 9-27 | 9,18 G | 55,8 G |
| 10-15 | 9,27 G | 55,7 G |
| 67 9-27 | 9,34 M | 55,9 M |

**33216 P. — 45284 à 86 L.**

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | 23h 1m | 44°22' |
| 62 9- 5 | 15s,41 G | |
| 9-11 | 15,56 G | |
| 10- 9 | 15,56 G | |
| 63 9-12 | 15,65 G | |
| 9-15 | 15,70 G | |
| 9-27 | 15,61 G | |
| 10-16 | 15,58 G | |
| 10-19 | 15,61 G | |
| 10-25 | 15,69 G | |
| 64 9- 9 | 15,73 G | |
| 9-11 | 15,66 G | |
| 9-21 | 15,62 G | |
| 9-22 | 15,74 G | |
| 9-23 | 15,74 G | |
| 9-30 | 15,53 G | |
| 10- 1 | 15,68 G | |
| 10-20 | | 7",2 G |
| 10-24 | 15,66 G | |
| 10-27 | 15,69 G | |
| 11- 4 | 15,76 G | |
| 65 9-19 | | 6,6 G |
| 9-20 | | 7,1 G |
| 9-21 | | 5,7 G |
| 9-22 | | 6,4 G |
| 10- 7 | 15,64 G | |
| 10-21 | 15,50 G | |
| 10-28 | 15,67 G | |
| 11- 1 | 15,70 G | |

**33216 P. (suite).**

| A. M. J. | AR | D |
|---|---|---|
| | III. | |
| | 23h 1m | 44°17' |
| 72 9- 9 | 56s,46 G | |
| 9-10 | 56,28 G | |
| 80 10-11 | 56,86 G | 16",4 G |
| 10-25 | 56,62 G | 15,5 G |
| 81 9-29 | 56,55 G | 15,2 G |

**33217 P. — 45265-66 L.**

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | 23h 1m | 91°15' |
| 56 10-27 | 14s,20 G | |
| 57 9-18 | | 20",5 G |
| 58 8-15 | | 18,6 G |
| 9- 9 | | 18,3 F |
| | III. | |
| | 23h 2m | 91°10' |
| 79 9-27 | 0s,66 J | 28",0 J |

**33218 P. — 45260 L.**

| A. M. J. | AR | D |
|---|---|---|
| | II. | |
| | 23h 1m | 105°47' |
| 67 10-22 | 15s,97 M | 59",7 M |
| | III. | |
| | 23h 2m | 105°43' |
| 78 10-10 | 3s,35 M | 13",2 M |
| 10-20 | 3,48 M | 11,6 M |

**33219 P. — 45290 L.**

| A. M. J. | AR | D |
|---|---|---|
| | III. | |
| | 23h 2m | 41°23' |
| 81 10-10 | 4s,87 G | 5",5 G |
| 11-20 | 5,10 G | 4,9 G |

**33220 P. — 45263-64 L.**

| A. M. J. | AR | D |
|---|---|---|
| | I. | |
| | 23h 0m | 116°40' |
| 39 9- 8 | | 2",1 F |
| | II. | |
| | 23h 1m | 116°35' |
| 55 9- 7 | 21s,24 G | |
| 59 9- 5 | | 12",2 G |
| | III. | |
| | 23h 2m | 116°30' |
| 79 10-20 | 9s,33 J | 20",3 J |
| 10-26 | 9,44 J | 21,4 J |

**33221 P. — 45283 L.**

| A. M. J. | AR | D |
|---|---|---|
| | I. | |
| | 23h 0m | 77°6' |
| 40 10-10 | 43s,15 G | |
| 10-12 | 43,26 G | |
| 10-13[1] | 43,29 G | |
| 10-15 | 43,56 G | |

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. AR. | P. |
|---|---|---|

**33221 P. (suite).**

| A. M. J. | AR. | P. |
|---|---|---|
| | II. | |
| | 23h 1m | 77°1' |
| 58 9- 8 | | 35",9 F |
| 10- 5 | 28s,24 G | 36,1 G |
| | III. | |
| | 23h 2m | 76°56' |
| 79 9- 3 | 13s,08 M | 45",4 M |

[1] Erreur de 1° dans la décl. indiquée.

**33222 P. — 45228 et 78 L.**

| A. M. J. | AR. | P. |
|---|---|---|
| | II. | |
| | 23h 1m | 86°4' |
| 55 11- 2 | 27s,71 G | |
| 58 8-23 | 27,78 G | 46",1 G |
| | III. | |
| | 23h 2m | 85°59' |
| 71 9- 2 | 13s,37 M | 53",1 M |
| 72 10-29 | 13,33 G | |
| 74 9- 9 | 13,47 G | 54,6 G |
| 10-12 | 13,47 M | 54,2 M |
| 75 10-12 | 13,38 M | 53,9 M |
| 10-16 | 13,58 M | 54,4 M |

**33223 P. — 11539 Leipzig II.**

| A. M. J. | AR. | P. |
|---|---|---|
| | I. | |
| | 23h 0m | 81°43' |
| 41 10-19 | 45s,10 G | |
| 10-20 | 45,45 G | |
| 10-21 | 45,42 G | |

**33224 P. — 45279 à 82 L.**

| A. M. J. | AR. | P. |
|---|---|---|
| | I. | |
| | 23h 0m | 88°42' |
| 48 12-10 | 44s,51 G | |
| 49 9-23 | 44,76 G | |
| 9-25 | 44,73 G | |
| 9-26 | 44,78 G | |
| 52 10-10 | 44,67 G | |
| 53 8-24[1] | 44,69 G | |
| 8-28 | 44,65 G | |
| | II. | |
| | 23h 1m | 88°38' |
| 56 10-30 | 30s,50 G | |
| 57 11- 4 | 30,63 G | |
| 12-18 | 30,77 G | |
| 60 10-25[2] | 30,72 G | 1",0 G |
| | III. | |
| | 23h 2m | 88°33' |
| 71 10-14 | 16s,75 M | 8",4 M |

[1] AR augmentée de 51s,78 : erreur dans l'ordre des 2 fils observés.
[2] Indiquée à tort comme λ Poissons à l'observation de distance polaire.

**33225 P. — 45288 L.**

| A. M. J. | AR. | P. |
|---|---|---|
| | II. | |
| | 23h 1m | 60°32' |
| 58 9-10 | 33s,50 G | 26",0 G |

**33225 P. (suite).**

| A. M. J. | AR. | P. |
|---|---|---|
| | III. | |
| | 23h 2m | 60°27' |
| 79 9- 8 | 16s,95 M | 35",2 M |

**33226 P. — 45276 L.**

| A. M. J. | AR. | P. |
|---|---|---|
| | II. | |
| | 23h 1m | 99°33' |
| 58 9-26 | 31s,60 G | |
| 10-30 | | 56",1 G |
| | III. | |
| | 23h 2m | 99°29' |
| 79 10- 7 | 18s,56 J | 4",4 J |

**33227 P. — 13911 Cambridge.**

| A. M. J. | AR. | P. |
|---|---|---|
| | I. | |
| | 23h 0m | 64°18' |
| 40 8-31 | 54s,96 G | |

**33228 P. — 45337 L.**

| A. M. J. | AR. | P. |
|---|---|---|
| | I. | |
| | 23h 1m | 15°15' |
| 52 12-28 I | 28s,78 G | |
| 53 1-24 I | 29,17 G | |
| 3-12 I | 29,36 G | |
| 3-24 I | 28,75 G | |
| 9-12 | 29,66 G | |
| 9-17 | 29,41 G | |
| 9-19 | 29,28 G | |

**33229 P. — 45302 L.**

| A. M. J. | AR. | P. |
|---|---|---|
| | II. | |
| | 23h 1m | 46°11' |
| 61 11-13 | 45s,03 G | |
| 67 11-29 | 45,07 M | 43",7 M |
| | III. | |
| | 23h 2m | 46°6' |
| 79 11-15 | 26s,27 G | 53",5 G |

**33230 P. — 45289 L.**

| A. M. J. | AR. | P. |
|---|---|---|
| | II. | |
| | 23h 1m | 85°25' |
| 58 8-12 | 43s,96 G | 10",1 G |
| 60 10- 9 | 44,19 G | 10,8 G |
| 61 10-11 | 44,05 G | 9,9 G |
| 10-19 | 44,09 G | 9,0 G |

**33231 P. — 45300 L.**

| A. M. J. | AR. | P. |
|---|---|---|
| | II. | |
| | 23h 1m | 55°41' |
| 59 11-23 | | 53",3 G |
| 61 10- 5 | 47s,31 G | 53,8 G |
| 62 9-15 | 47,41 G | 53,9 G |
| 9-17 | 47,54 G | |
| 9-18 | 47,39 G | 52,4 G |

**33232 P. — 45293 L.**

| A. M. J. | AR. | P. |
|---|---|---|
| | II. | |
| | 23h 1m | 79°47' |
| 59 8-28 | 45s,38 G | 55",4 G |
| | III. | |
| | 23h 2m | 79°43' |
| 71 10-10 | 30s,66 M | 4",4 M |
| 74 9- 8 | 30,64 G | 4,1 G |
| 10- 7 | | 5,5 G |
| 10-16 | 30,76 G | 3,3 G |

**33233 P. — 45287 L.**

| A. M. J. | AR. | P. |
|---|---|---|
| | II. | |
| | 23h 1m | 101°27' |
| 67 10-23 | 48s,61 M | 7",4 M |
| | III. | |
| | 23h 2m | 101°22' |
| 80 10- 1 | 35s,35 M | 12",4 M |

**33234 P. — 45291 L.**

| A. M. J. | AR. | P. |
|---|---|---|
| | III. | |
| | 23h 2m | 93°13' |
| 79 10-30 | 35s,85 J | 40",5 J |

**33235 P. — 45295 et 97 L.**

| A. M. J. | AR. | P. |
|---|---|---|
| | II. | |
| | 23h 1m | 93°12' |
| 55 10- 2 | 51s,32 G | |
| 56 9- 5 | 51,28 G | 36",9 G |
| | III. | |
| | 23h 2m | 93°7' |
| 76 10-16 | 37s,83 G | 47",3 G |
| 80 10-25 | 37,71 M | 45,4 M |

**33236 P. — 45292 et 94 L.**

| A. M. J. | AR. | P. |
|---|---|---|
| | II. | |
| | 23h 1m | 93°0' |
| 55 8-17 | | 50",9 G |
| | III. | |
| | 23h 2m | 92°56' |
| 80 9-27 | 39s,68 M | 3",0 M |
| 9-29 | 39,68 M | 4,1 M |
| 9-30[1] | 39,73 M | 4,3 M |
| 10-11 | 39,80 M | 4,6 M |
| 10-18 | 39,61 M | 3,2 M |
| 10-24 | 39,78 M | 4,2 M |
| 81 10-10 | 39,95 M | 2,5 M |
| 10-15 | 39,81 M | 4,0 M |
| 10-17 | 39,81 M | 3,4 M |

[1] P diminuée de 3",3 : err. de 20" sur un microscope.

**33237 P. — 45298 L.**

| A. M. J. | AR. | P. |
|---|---|---|
| | I. | |
| | 23h 1m | 98°9' |
| 48 10-25 | 8s,92 G | |
| 10-26[1] | 8,79 G | 2",7 F |
| 10-27 | 8,89 G | |

**33237 P. (suite).**

| A. M. J. | AR. | P. |
|---|---|---|
| | II. | |
| | 23h 1m | 98°4' |
| 58 8-27 | | 14",2 F |
| | III. | |
| | 23h 2m | 97°59' |
| 75 11- 2 | 42s,27 M | 21",7 M |
| 81 9-28 | 42,27 M | 21,9 M |
| 10- 4 | 42,21 M | 20,5 M |
| 10- 5 | 42,27 M | 20,6 M |

[1] P augm. de 0",5 : erreur de réduct.

**33238 P. — 45304 L.**

| A. M. J. | AR. | P. |
|---|---|---|
| | II. | |
| | 23h 1m | 62°59' |
| 58 8- 8 | | 52",0 G |
| 9-15 | 58s,80 G | |
| 9-25 | 59,16 G | 52,9 G |

**33239 P. — 45296 L.**

88 $c^2$ Verseau.

Étoile fondamentale.

**33240 P. — 45315 L.**

| A. M. J. | AR. | P. |
|---|---|---|
| | II. | |
| | 23h 2m | 51°35' |
| 66 9-28 | 11s,32 G | 21",0 G |
| 10- 8 | 11,37 G | 20,6 G |
| 10-16 | 11,30 G | 22,7 G |
| 67 11- 8 | | 20,8 G |
| | III. | |
| | 23h 2m | 51°30' |
| 73 10- 8 | 53s,45 G | 29",9 G |
| 74 10-24 | 53,42 M | 30,6 M |
| 10-26 | 53,33 M | 30,1 M |
| 11- 4 | 53,45 M | 28,9 M |

**33241 P. — 32079 Mn,.**

| A. M. J. | AR. | P. |
|---|---|---|
| | II. | |
| | 23h 2m | 72°20' |
| 56 9-14 | | 46",2 G |
| 58 8-24 | 11s,31 G | 45,7 G |
| 9-11 | 11,19 G | 47,2 G |
| 9-12 | | 48,7 G |

**33242 P. — 45305 à 08 L.**

| A. M. J. | AR. | P. |
|---|---|---|
| | I. | |
| | 23h 1m | 88°41' |
| 49 9-21 | 27s,53 G | |
| 9-23 | 27,61 G | |
| 9-25[1] | 27,72 G | |
| 9-26 | 27,67 G | |
| 53 8-20 | 27,59 G | |
| 8-24 | 27,40 G | |
| 8-26 | 27,37 G | |

Dates 1800+ — Positions moyennes pour les époques du Catal.

### 33242 P. (suite).

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 23h 2m | 88° 36′ |
| 55 9-28 | 13s,44 G | 48″,7 G |
| 57 12-18[2] | | 49,7 G |
| 58 8-27 | 13,23 G | 49,7 G |
| 61 11-21 | | 51,4 G |

[1] $\mathcal{A}$ augmentée de 10s : erreur de moy.
[2] $\mathcal{D}$ diminuée de 1′ : erreur de transcr.

### 33243 P. — 45323 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 23h 2m | 51° 50′ |
| 59 10-27 | | 34″,7 G |
| 61 10- 4 | 21s,69 G | 32,4 G |
| 62 9-19 | 21,71 G | 32,0 G |
| 66 9-17 | 21,84 G | |
| III. | 23h 3m | 51° 45′ |
| 68 10-10 | 3s,88 G | 41″,2 G |
| 10-13 | 3,78 G | 39,1 G |
| 69 10-12 | 3,66 M | 40,8 M |

### 33244 P. — 45319 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| I. | 23h 1m | 63° 55′ |
| 40 9-10 | 37s,86 G | |
| 43 10- 5 | 37,89 G | |
| II. | 23h 2m | 63° 50′ |
| 57 10-24 | | 41″,2 G |
| 58 11- 7 | | 40,3 G |
| 59 11-18 | 21s,29 G | |
| III. | 23h 3m | 63° 45′ |
| 79 10- 7 | 5s,13 G | |
| 10-11 | 5,02 G | 48″,7 G |

### 33245 P. — 45312 à 14 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 23h 2m | 88° 49′ |
| 57 9-19 | 24s,82 G | 47″,9 G |
| 9-29 | 24,99 G | |
| III. | 23h 3m | 88° 44′ |
| 71 10-12 | 10s,84 M | 56″,8 M |

### 33246 P. — 45320 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| III. | 23h 3m | 71° 56′ |
| 79 10- 4 | 11s,23 G | 25″,3 G |
| 10-16 | 11,39 G | 24,5 G |

### 33247 P. — 45317-18 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| I. | 23h 1m | 82° 9′ |
| 37 8-18 | 42s,10 G | 43″,6 F |
| 10- 3 | 42,06 G | |
| 10- 4 | 42,07 G | |
| 40 9-11 | 42,48 G | |
| 42 10- 9 | 42,20 G | |
| 10-10 | 42,17 G | |
| 10-11 | 42,12 G | |
| 10-13 | 42,16 G | |
| 10-28 | 42,34 G | |
| 46 7-12 | 42,08 G | |
| 9-22 | 42,20 G | |
| 9-24 | 42,06 G | |
| 9-26 | 42,16 G | |
| 10- 1 | 42,13 G | |
| 52 11- 8 | 42,32 G | |
| II. | 23h 2m | 82° 4′ |
| 56 9-20 | | 50″,4 G |
| 58 9-13 | 27s,52 G | 51,8 G |

### 33248 P. — 45310 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| I. | 23h 1m | 113° 17′ |
| 46 10-20[1] | 37s,73 G | |
| 51 10-12 | 37,68 G | |
| II. | 23h 2m | 113° 12′ |
| 55 8-17 | 25s,89 G | |
| 58 9- 9 | | 55″,0 G |
| III. | 23h 3m | 113° 8′ |
| 79 11- 2 | 14s,19 J | 2″,5 J |
| 80 9-10 | 14,16 J | 3,5 J |

[1] $\mathcal{A}$ diminuée de 1m.

### 33249 P. — 45311 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 23h 2m | 105° 16′ |
| 58 11- 2 | 27s,44 G | |
| 11-30 | | 6″,4 G |
| III. | 23h 3m | 105° 11′ |
| 78 11- 3 | 14s,87 M | 14″,8 M |

### 33250 P. — 45316 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 23h 2m | 97° 50′ |
| 55 9-15 | | 57″,6 G |
| 58 10- 7 | | 56,1 G |
| 60 9-12 | 32s,69 G | 55,9 G |
| 9-20 | 32,86 G | 56,8 G |
| 10-29 | 32,72 G | 55,2 G |
| 11- 3 | 32,87 G | 57,8 G |
| 61 11- 3 | 32,80 G | |
| III. | 23h 3m | 97° 46′ |
| 76 9-23 | 19s,50 M | 2″,8 M |

### 33251 P. — 45328-29 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 23h 2m | 48° 35′ |
| 61 11-20 | 41s,42 G | 5″,6 G |
| 67 11- 8 | 41,16 M | 8,1 M |
| III. | 23h 3m | 48° 30′ |
| 68 11-20 | 23s,10 M | 17″,1 M |
| 72 9-30 | 23,03 M | 16,8 M |
| 74 10- 7 | 23,18 M | 16,8 M |
| 10-10 | 23,11 M | 16,7 M |
| 80 10-12 | 23,32 G | |

### 33252 P. — 32091 Mn1.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 23h 2m | 72° 23′ |
| 56 9- 6 | 39s,92 G | |

### 33253 P. — 45324 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 23h 2m | 67° 10′ |
| 58 10- 4 | 41s,87 G | 9″,0 G |
| III. | 23h 3m | 67° 5′ |
| 79 10-11 | 25s,97 M | 17″,4 M |

### 33254 P. — 45325 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 23h 2m | 66° 29′ |
| 58 10- 2 | 42s,98 G | 51″,7 G |
| 10-15 | | 51,7 G |
| III. | 23h 3m | 66° 25′ |
| 71 11- 5 | 26s,77 G | |

### 33255 P. — 45335-36 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 23h 2m | 48° 38′ |
| 61 11-21 | 47s,41 G | |
| III. | 23h 3m | 48° 33′ |
| 80 11- 4 | 29s,19 G | 16″,5 G |

### 33256 P. — 45327 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| II. | 23h 2m | 61° 5′ |
| 58 11- 1 | 46s,52 G | |
| 11-10 | 46,39 G | |
| 61 10-10 | 46,45 G | 19″,7 G |
| 62 9-25 | 36,37 G | 20,7 G |

### 33257 P. — 23 W1.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| III. | 23h 3m | 98° 49′ |
| 80 10-24 | 37s,19 J | 56″,9 J |

### 33258 P. — 45339 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| III. | 23h 3m | 41° 1′ |
| 68 10-20 | 37s,34 M | 33″,7 M |
| 11-17 | 37,41 M | 35,2 M |

### 33259 P. — 45330 à 32 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| I. | 23h 2m | 81° 1′ |
| 49 9-30 | 13s,24 G | |
| 10- 1 | 13,27 G | |
| 50 10-12 | 13,32 G | |
| II. | 23h 2m | 80° 56′ |
| 55 10-31 | 58s,52 G | 7″,7 G |
| 56 8-26 | 58,46 G | |
| 10- 9 | 58,42 G | |
| 10-25 | | 7,9 G |
| III. | 23h 3m | 80° 51′ |
| 73 9-20 | 43s,70 M | 18″,1 M |
| 9-23 | 43,74 G | 17,4 G |
| 9-25 | 43,91 M | 18,4 M |
| 9-25 | 43,83 G | |
| 10- 9 | 43,80 G | 19,1 G |
| 10-13 | | 20,2 G |

### 33260 P. — 45334 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| I. | 23h 2m | 76° 24′ |
| 40 10-13[1] | 14s,06 G | |
| 10-15 | 14,16 G | |
| II. | 23h 2m | 76° 19′ |
| 57 9- 6 | 58s,86 G | |
| 58 9-27 | 58,88 G | |
| 10- 8 | | 43″,6 G |
| 10- 9 | | 40,9 G |

[1] $\mathcal{A}$ augmentée de 3s : erreur de réduct.

### 33261 P. — 45326 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| III. | 23h 3m | 104° 19′ |
| 78 10- 3 | 46s,60 M | 23″,2 M |
| 10- 8 | 46,64 M | 24,2 M |

[1] $\mathcal{A}$ augmentée de 10s : erreur de moy.

### 33262 P. — 45301 et 33 L.

| A. M. J. | $\mathcal{A}$ | $\mathcal{D}$ |
|---|---|---|
| I. | 23h 2m | 83° 28′ |
| 42 10-17 | 16s,18 G | |
| 10-19 | 16,17 G | |
| 10-20 | 16,22 G | |

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|---|---|---|

### 33262 P. (suite).

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $23^h3^m$ | 83°23' |
| 56 10-25 | 1s,48 G | |
| 57 11-30 | | 43",7 G |
| | III. | |
| | $23^h3^m$ | 83°18' |
| 71 9-16 | 47s,20 M | 53",5 M |
| 72 10-25 | 46,99 G | 53,3 G |
| 73 11- 3 | 47,10 M | |
| 74 9-12 | 47,14 G | 52,3 G |
| 75 10-23 | 47,10 M | 52,6 M |
| 11-22 | 46,95 G | 54,2 G |

### 33263 P. — 6227 Sf. — 16e.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $23^h3^m$ | 106°22' |
| 54 8-27[1] | 0s,66 G | |

[1] Indiquée à tort comme 45326 L. : le Cahier-minute porte $h = 24°46'$.

### 33264 P. — 45342 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $23^h3^m$ | 52°59' |
| 68 10- 7 | 53s,12 G | |
| 74 9-14 | 53,38 M | 23",7 M |
| 9-19 | 53,15 M | 22,5 M |
| 10-16 | 53,25 M | 22,8 M |
| 10-28 | 53,32 M | 23,7 M |

### 33265 P. — 45381 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $23^h2^m$ | 15°26' |
| 37 1-11 | | 59",3 F |
| 40 10-25 | 59s,12 G | |
| 49 4- 2 I | | 60,4 G |
| 52 12-28 | 59,05 G | |
| 12-28 I | 59,28 G | |
| 53 1- 6 | 59,27 G | |
| 1-24 I | 58,84 G | 58,8 F |
| 2-25 I | 58,82 G | |
| 3-12 I | 59,01 G | |
| 3-24 I | 58,83 G | |
| 9-12 | 59,25 G | |
| 9-17 | 59,34 G | |
| 9-19 | 59,21 G | |

### 33266 P. — 6228 Sf. — 16e.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $23^h3^m$ | 106°29' |
| 59 10-17 | 9s,05 G | |
| 61 11- 2[1] | 9,13 G | 22",0 G |

[1] 𝒜 augmentée de 10s : erreur de moy.

### 33267 P. — 45346-47 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $23^h3^m$ | 51°17' |
| 59 11-23 | | 21",0 G |
| 60 10-27 | 17s,33 G | |

### 33267 P. (suite).

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $23^h3^m$ | 51°17' |
| 60 11-10 | 17s,30 G | 20",3 G |
| 62 9-16 | 17,29 G | |
| 66 9- 5 | 17,19 G | |
| 9-15 | 17,21 G | |
| 10- 9 | 17,23 G | |
| | III. | |
| | $23^h3^m$ | 51°12' |
| 74 11- 6 | 59s,42 M | 29",8 M |
| 11-14 | 59,36 M | 28,3 M |

### 33268 P. — 45348 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $23^h4^m$ | 53°48' |
| 68 10-22 | 2s,86 G | 53",4 G |
| 10-27 | 2,89 G | 54,7 G |
| 10-28 | 2,92 G | 53,5 G |
| 10-29 | 3,04 G | 55,8 G |
| 79 9-27 | 2,98 G | 53,4 G |

### 33269 P. — 45338 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $23^h3^m$ | 87°16' |
| 57 8-22 | 18s,96 G | |
| 10-15 | 18,83 G | 2",4 G |
| | III. | |
| | $23^h4^m$ | 87°11' |
| 72 11- 7 | 4s,62 G | |
| 74 9-15 | 4,81 G | 11",5 G |
| 9-19 | 4,78 G | 13,0 G |
| 10- 8 | | 9,5 G |
| 10-27 | 4,88 G | 11,4 G |
| 10-28 | 4,77 G | 11,7 G |
| 11- 4 | 4,85 G | 10,4 G |

### 33270 P. — 45349 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $23^h4^m$ | 53°49' |
| 74 9-24 | 6s,51 M | 45",1 M |
| 79 9-25 | 6,47 G | 44,6 G |
| 9-26 | 6,58 G | 45,3 G |
| 9-28 | 6,46 G | 43,1 G |
| 9-30 | | 44,8 G |

### 33271 P. — 45341 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $23^h3^m$ | 88°25' |
| 58 9-28 | 23s,24 G | 29",9 G |
| | III. | |
| | $23^h4^m$ | 88°20' |
| 74 11- 5 | 9s,39 G | |

### 33272 P. — 45350-51 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $23^h3^m$ | 56°59' |
| 59 11-10 | | 22",2 G |
| 61 10- 2 | 26s,67 G | 21,8 G |
| 62 9-22 | 26,68 G | 22,6 G |
| 10-10 | 26,67 G | 21,3 G |
| 67 10-25 | | 21,3 G |
| | III. | |
| | $23^h4^m$ | 56°54' |
| 69 9-28 | 9s,59 M | 31",1 M |
| 73 10-17 | 9,60 G | 30,9 G |
| 11- 3 | 9,64 G | |
| 74 9-17 | | 29,1 G |
| 10- 6 | | 29,3 G |
| 10-31 | 9,62 M | 30,0 M |

### 33273 P. — 45340 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $23^h2^m$ | 96°47' |
| 39 9- 8 | 37s,89 G | 58",0 F |
| 9- 9 | 37,89 G | 59,1 F |
| 9-10 | | 57,7 F |
| 9-11 | 38,01 G | 60,0 F |
| 9-13 | | 57,7 F |
| 50 10-17 | 37,79 G | |
| | II. | |
| | $23^h3^m$ | 96°43' |
| 55 9- 8 | | 8",6 G |
| 9- 9 | 24s,51 G | |
| 57 9-22 | 24,47 G | |

### 33274 P. — 45343 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $23^h3^m$ | 79°56' |
| 57 8-13 | 26s,12 G | |
| | III. | |
| | $23^h4^m$ | 79°51' |
| 80 9-16 | | 40",8 M |
| 9-24 | 11s,60 M | 41,4 M |

### 33275 P. — 45358-59 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $23^h3^m$ | 42°47' |
| 67 10- 1 | 33s,51 M | 55",2 M |
| 11- 2 | 33,72 M | 56,0 M |

### 33276 P. — 45352 à 54 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $23^h4^m$ | 80°53' |
| 74 9- 9 | 21s,93 G | 49",2 G |
| 79 9- 8 | 22,14 M | 49,1 M |

### 33277 P. — 45355 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $23^h3^m$ | 66°21' |
| 58 9-24 | 39s,43 G | 2",7 G |
| 10-19 | 39,48 G | 1,9 G |

### 33278 P. — 2 Cassiopée.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $23^h3^m$ | 31°30' |
| 47 3- 1 I | 7s,31 G | 25",2 G |
| 3-14 I | 7,60 G | |
| 4- 9 I | 7,25 G | |
| 4-25 I | 7,28 G | 26,2 G |
| 4-25 I | | 23,4 F |
| 50 8-21 | | 25,7 G |
| 11- 9 | | 25,3 G |
| 53 3-12 I | | 29,6 G |

### 33279 P. — 45344 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $23^h3^m$ | 117°40' |
| 58 10-29 | 40s,20 G | 21",7 G |
| | III. | |
| | $23^h4^m$ | 117°35' |
| 81 10-18 | 28s,37 M | 31",9 M |
| 10-19 | 28,44 M | 32,1 M |

### 33280 P. — 45356 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $23^h3^m$ | 73°9' |
| 56 9- 8 | 45s,23 G | |
| 57 10- 3 | 45,25 G | 48",3 G |
| 58 8-26 | 45,21 G | 48,7 G |
| 9- 8 | | 51,5 F |
| 9-20 | | 48,2 G |
| 10- 1 | 45,04 G | 48,8 G |

### 33281 P. — 45345 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $23^h3^m$ | 117°39' |
| 58 10-29 | 42s,08 G | |
| | III. | |
| | $23^h4^m$ | 117°34 |
| 81 10-22[1] | 30s,29 M | 5",5 M |

[1] 𝒟 diminuée de 3" : erreur de réduct.

### 33282 P. — 47 $W_2$.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $23^h4^m$ | 59°30' |
| 75 10- 8 | 32s,55 M | 11",8 M |
| 81 11- 4 | 32,59 M | 14,0 M |

### 33283 P. — 45362 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $23^h3^m$ | 64°18' |
| 43 10- 5 | 9s,11 G | |
| 10-19 | 8,75 G | |
| 10-23 | 8,72 G | |
| 10-24[1] | | 59",9 G |
| | II. | |
| | $23^h3^m$ | 64°14' |
| 57 10- 7 | | 7",5 G |
| 12-27 | 52s,41 G | |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. ($\mathcal{A}$, $\mathcal{P}$)

**33283 P. (suite).**

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| III. | 23h 4m | 64°9' |
| 71 11-14 | 36s,37 G | |
| 74 9-15 | 36,55 M | 15″,7 M |
| 10-14 | 36,44 M | 16,1 M |

[1] $\mathcal{P}$ diminuée de 9' : erreur de 10' dans la transcr. et correction de 1'.

**33284 P — 32118 Mn₁.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| I. | 23h 3m | 106°1' |
| 40 11-6 | 5s,22 G | 29″,1 F |

**33285 P. — 45371 à 73 et 94 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| I. | 23h 3m | 47°17' |
| 50 12-3 | 18s,17 G | |
| II. | 23h 3m | 47°12' |
| 62 9-11 | 59s,23 G | |
| 9-12 | 59,20 G | |
| 9-15 | 59,23 G | |
| 67 9-11 | 59,30 M | 25″,8 M |
| III. | 23h 4m | 47°7' |
| 68 11-6 | 40s,86 M | 34″,4 M |
| 74 9-8 | | 36,2 G |
| 9-24[1] | | 37,9 G |
| 9-25[2] | | 37,8 G |
| 79 10-12 | 40,61 G | 37,1 G |
| 80 9-10 | 40,52 G | 38,1 G |
| 9-11 | 40,86 G | 36,7 G |
| 81 10-17 | 40,75 G | 33,3 G |
| 10-18 | 40,73 G | 38,5 G |

[1] $\mathcal{P}$ diminuée de 0″,2 : erreur de réduct.
[2] $\mathcal{P}$ diminuée de 3″ : erreur de réduct.

**33286 P. — 45369 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| II. | 23h 4m | 64°23' |
| 58 8-30 | 0s,64 G | |
| 11-22 | 0,75 G | 37″,3 G |
| III. | 23h 4m | 64°18' |
| 71 10-14 | 44s,37 G | 47″,3 G |

**33287 P. — 45370 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| II. | 23h 4m | 66°27' |
| 58 9-10 | 3s,70 G | 33″,7 G |
| 9-23 | 3,74 G | 33,6 G |

**33288 P. — 45361 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| II. | 23h 4m | 103°27' |
| 54 11-9 | 2s,85 G | |
| 58 9-27 | | 40″,8 F |
| 61 9-27[1] | 2,71 G | 39,7 G |
| 10-3 | 2,71 G | 41,7 G |
| 10-12[2] | 2,71 G | 40,2 G |
| 10-14 | 2,74 G | 39,9 G |
| 67 9-27 | 2,83 M | 40,0 M |
| 10-22 | 2,84 M | 39,4 M |

[1] $\mathcal{P}$ augm. de 8″,2 : erreur de moy.
[2] $\mathcal{P}$ augmentée de 1'.

**33289 P. — 45363 à 65 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| II. | 23h 4m | 87°36' |
| 57 9-20 | 5s,12 G | 22″,3 G |
| III. | 23h 4m | 87°31' |
| 72 10-29 | 50s,92 G | 31″,3 G |

**33290 P. — 45366 et 68 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| I. | 23h 3m | 85°50' |
| 42 10-28 | 21s,65 G | |
| II. | 23h 4m | 85°45' |
| 55 9-17 | | 17″,8 G |
| 56 10-26 | 7s,06 G | |
| 57 11-4 | 7,21 G | |
| III. | 23h 4m | 85°40' |
| 71 10-10[1] | 51s,91 M | 24″,8 M |
| 10-14 | 52,88 M | 26,0 M |

[1] $\mathcal{A}$ non comprise dans la moyenne : erreur probable de 1s.

**33291 P. — 13935 Cambridge.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| II. | 23h 4m | 64°18' |
| 58 8-30 | 9s,80 G | |

**33292 P. — 45374 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| III. | 23h 4m | 59°31' |
| 69 9-22 | 56s,56 M | 36″,7 M |
| 73 10-16 | 56,27 G | 35,9 G |
| 74 10-8 | 56,54 M | 37,6 M |
| 10-12 | 56,47 M | 36,2 M |

**33293 P. — 49 W₁.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| III. | 23h 4m | 101°11' |
| 78 9-19 | 57s,69 M | 10″,3 M |
| 9-19 | 57,62 G | 12,3 G |

**33293 P. (suite).**

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| III. | 23h 4m | 101°11' |
| 78 9-20 | 57s,51 M | 11″,9 M |
| 9-20 | 57,39 G | |
| 9-21 | 57,51 M | 11,3 M |
| 9-21 | 57,63 G | |
| 9-24 | 57,51 M | 10,0 M |
| 9-26 | 57,64 G | 11,2 G |
| 9-27 | 57,61 M | 11,1 M |
| 9-28 | 57,84 M | 11,9 M |
| 9-30 | 57,68 M | 11,4 M |
| 10-2 | 57,54 M | 9,9 M |
| 10-4 | 57,69 M | 9,1 M |
| 10-12 | 57,65 M | 11,5 M |

**33294 P. — 4005 Gr.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| I. | 23h 3m | 23°35' |
| 52 12-8 I | | 55″,7 F |
| 12-10 | | 53,5 F |
| 12-10 I | | 56,9 G |
| 12-10 I | | 53,4 F |
| 12-11 | | 53,3 G |
| 12-11 I | | 55,4 G |
| 12-11 I | | 55,3 F |
| 12-13 I | | 57,5 F |
| 12-15 | | 53,5 G |
| 12-15 | | 53,4 F |
| 12-17 | | 54,7 F |
| 12-18 | | 53,5 G |
| 12-18 | | 52,9 F |
| 12-19 | | 52,8 F |
| 12-19 I | | 54,2 F |

**33295 P. — 45375 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| II. | 23h 4m | 62°12' |
| 58 10-16 | 18s,08 G | |
| 11-7 | | 2″,5 G |

**33296 P. — 45378 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| II. | 23h 4m | 60°42' |
| 57 10-1 | 24s,27 G | 61″,8 G |
| 58 8-8 | | 59,3 G |
| 9-8 | | 61,1 G |
| III. | 23h 5m | 60°38' |
| 71 11-20 | 7s,64 G | |

**33297 P. — 45360 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| II. | 23h 4m | 93°51' |
| 56 11-3 | | 36″,5 G |
| 57 8-10 | 23s,94 G | |
| 9-18 | | 37,1 G |
| 11-11 | 24,17 G | 36,3 G |
| 58 8-15 | | 35,7 G |

**33297 P. (suite).**

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| III. | 23h 5m | 93°46' |
| 76 10-16 | 10s,44 G | 44″,7 G |
| 78 9-18 | 10,48 G | |
| 10-12 | 10,52 J | 43,8 J |

**33298 P. — 45386, 89 et 90 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| III. | 23h 5m | 47°1' |
| 80 9-16 | 12s,87 G | 18″,2 G |
| 9-30 | 12,49 G | |
| 81 10-4 | 12,43 G | 18,0 G |

**33299 P. — 45393 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| II. | 23h 4m | 48°52' |
| 67 11-7 | 38s,08 M | 59″,7 M |
| III. | 23h 5m | 48°48' |
| 72 9-17[1] | 19s,88 M | 8″,0 M |

[1] $\mathcal{P}$ augmentée de 10″ (distance des fils).

**33300 P. — 45392 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| III. | 23h 5m | 57°58' |
| 68 10-10 | 24s,17 G | 19″,0 G |
| 10-13 | 24,26 G | 19,0 G |

**33301 P. — 45376-77 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| II. | 23h 4m | 99°46' |
| 58 8-20 | 37s,47 G | 41″,1 G |
| 10-6 | | 39,5 G |
| 11-12 | 37,79 G | |
| III. | 23h 5m | 99°41' |
| 75 11-2 | 24s,65 M | 50″,6 M |

**33302 P. — 45383 à 85 L.**

| A. M. J. | $\mathcal{A}$ | $\mathcal{P}$ |
|---|---|---|
| I. | 23h 3m | 82°7' |
| 37 8-18 | 54s,77 G | 13″,1 F |
| 9-15 | 54,77 G | 14,4 F |
| 9-23 | 54,77 G | 14,2 F |
| 10-3 | 54,72 G | |
| 10-4 | 54,72 G | 12,6 F |
| 40 9-11 | 55,03 G | |
| 9-25 | 54,82 G | 13,6 F |
| 10-10 | 54,73 G | 13,7 F |
| 11-27 | | 12,2 F |
| 41 10-18 | 54,70 G | |
| 10-19 | 54,69 G | |
| 10-20 | 54,63 G | |
| 10-21 | 54,66 G | |
| 42 10-9 | 54,89 G | |
| 10-10 | 54,75 G | |
| 10-11 | 54,81 G | |

Dates 1800 + — Positions moyennes pour les époques du Catal.

### 33302 P. (suite).

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 23h 3m | 82° 7' |
| 42 10-13 | 54s,78 G | |
| 46 9-11 | | 13",6 G |
| 9-15 | 54,58 G | |
| 9-17 | 54,74 G | |
| 10-21 | | 13,8 G |
| 10-23 | 54,84 G | |
| 12-24 | 54,69 G | 8,4 G |
| 48 9- 9 | 54,72 G | |
| 12-10 | 54,58 G | 9,9 G |
| 49 10-18 | 54,84 G | |
| 10-19 | 54,90 G | |
| 52 11- 6 | 54,64 G | 12,5 F |
| 11- 8 | 54,82 G | |
| 12-18 | 54,84 G | |
| 53 7-19 | 54,76 G | |
| II. | 23h 4m | 82° 2' |
| 56 8- 5 | 40s,00 G | |
| 8-26 | | 21",1 G |
| 10-19 | 40,18 G | 22,5 G |
| 10-30 | 40,25 G | |
| III. | 23h 5m | 81° 57' |
| 81 10-19 | 25s,32 J | 28",4 J |
| 10-31 | 25,67 J | 30,2 J |

### 33303 P. — 45382 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 23h 4m | 86° 2' |
| 56 9- 4 | 40s,78 G | |
| 57 9-24 | | 18",5 G |
| III. | 23h 5m | 85° 57' |
| 75 10-16 | 26s,79 M | 27",0 M |

### 33304 P. — 45379-80 L.

Étoile double. On a toujours observé la première.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 23h 3m | 102° 46' |
| 48 10-25 | 52s,92 G | |
| 10-26 | 52,80 G | 24",1 G |
| 10-27 | 52,72 G | |
| II. | 23h 4m | 102° 41' |
| 55 9-18 | | 33",5 G |
| 56 12-16 | 39s,93 G | |
| 58 11-30 | | 32,5 G |
| III. | 23h 5m | 102° 36' |
| 79 9-16 | 27s,15 J | 40",7 J |
| 9-27 | 27,13 J | 40,3 J |
| 80 9-10 | 27,06 J | 39,5 J |

### 33305 P. — 5373 Romberg.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 23h 4m | 63° 52' |
| 59 11-19 | 45s,58 G | |

### 33306 P. — 45398 et 428 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 23h 5m | 52° 27' |
| 73 10- 8 | | 31",3 G |
| 74 10-23 | 30s,25 M | 30,6 M |
| 11- 5 | 29,98 M | 31,1 M |
| 79 10-20 | 29,81 G | |
| 10-30 | 30,00 G | 29,5 G |
| 80 9-29 | 30,20 M | 30,6 M |

### 33307 P. — 45403 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 23h 5m | 37° 37' |
| 80 10-30 | | 11",3 G |
| 11- 3 | 31s,48 G | 11,0 G |
| 81 9-30 | 31,76 G | 12,1 G |
| 10-16 | 31,55 G | 11,9 G |

### 33308 P. — 45387 et 91 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 23h 4m | 81° 57' |
| 56 9-26 | | 25",0 G |
| 10-30 | 46s,53 G | |
| III | 23h 5m | 81° 52' |
| 75 10-12 | 31s,98 M | 34",2 M |
| 80 10-30 | 31,84 J | 37,0 J |
| 81 9-28 | 31,89 J | 33,9 J |
| 10- 5 | 31,96 J | 34,2 J |
| 10-15 | 32,01 J | 34,0 J |

### 33309 P. — 5017 A + 36°.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 23h 5m | 53° 47' |
| 80 9- 5 | 34s,31 J | 0",2 J |
| 9-11 | 34,23 J | 0,7 J |

### 33310 P. — 45402 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 23h 5m | 53° 57' |
| 59 11-23 | | 51",5 G |
| 60 10-26 | 0s,09 G | |
| 61 10-11 | 0,03 G | |
| 62 9-18 | 0,09 G | 48,7 G |
| III. | 23h 5m | 53° 52' |
| 68 10-22 | 42s,79 G | 57",4 G |

### 33311 P. — 45397 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 23h 4m | 90° 57' |
| 56 7-26 | | 26",5 G |
| 10-27 | 58s,78 G | |
| 58 9-26 | 58,59 G | 24,4 G |

### 33312 P. — 45401 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 23h 4m | 63° 59' |
| 39 8-20 | 18s,16 G | |
| 8-21 | 18,30 G | |
| 8-23 | 18,24 G | |
| 40 9-10 | 18,36 G | |
| 41 9-10 | 18,21 G | |
| 9-11 | | 19",3 F |
| 43 10-23 | 17,93 G | |
| 10-24 | | 20,4 G |
| 49 9-17 | 18,17 G | 20,0 G |
| 9-21 | 18,16 G | |
| 9-23 | 18,19 G | |
| 52 10-10 | 18,01 G | |
| II. | 23h 5m | 63° 54' |
| 57 10-22 | 1s,78 G | |
| 12-18 | 2,00 G | 28",4 G |
| 58 8-24 | | 30,4 G |
| 8-31 | 1,61 G | 29,1 G |
| 9-17 | 1,75 G | 28,0 G |
| 9-25 | 1,91 G | 29,0 G |
| 59 11-19 | 1,79 G | |
| III. | 23h 5m | 63° 49' |
| 71 10-12 | 45s,28 G | |

### 33313 P. — 45395-96 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 23h 4m | 94° 41' |
| 56 10-28 | 59s,42 G | |
| 57 9-15 | | 50",7 G |
| 58 9- 9 | | 50,5 F |
| III. | 23h 5m | 94° 36' |
| 78 10-13 | 45s,86 M | 60",8 M |
| 10-14 | 45,88 J | 58,4 J |
| 10-26 | 45,85 J | 59,6 J |

### 33314 P. — 63 W1.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 23h 5m | 92° 43' |
| 75 9-30 | 47s,16 M | 28",1 M |
| 10- 6 | 47,07 M | 29,3 M |

### 33315 P. — 45399 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 23h 5m | 84° 9' |
| 58 8-12 | 5s,34 G | |
| 10-12 | 5,49 G | |
| 60 9-20 | 5,30 G | 14",3 G |
| 10- 6 | 5,37 G | 14,5 G |
| 61 10- 5 | 5,41 G | 12,9 G |
| 62 9- 8 | | 15,1 G |
| 9-20 | 5,38 G | 14,1 G |

### 33316 P. — 45406 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 23h 5m | 58° 0' |
| 80 10-11 | 54s,35 J | 43",3 J |
| 10-18 | 54,32 J | 43,2 J |

### 33317 P. — 45400 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 23h 5m | 88° 44' |
| 55 11-11 | 8s,96 G | 47",7 G |
| 57 10- 5 | 8,64 G | |
| III. | 23h 5m | 88° 39' |
| 71 10-16 | 54s,74 M | 57",6 M |

### 33318 P. — 45415 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 23h 5m | 43° 34' |
| 80 9-27 | 56s,55 G | 28",1 G |
| 9-28 | 56,54 G | 28,2 G |

### 33319 P.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 23h 6m | 51° 3' |
| 81 10- 4 | 0s,73 J | 15",8 J |

### 33320 P. — 45404-05 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 23h 5m | 81° 43' |
| 56 8-29 | | 45",3 G |
| 8-31[1] | 17s,77 G | |
| III. | 23h 6m | 81° 38' |
| 72 10-25 | | 55",0 G |
| 11- 8 | 3s,18 G | |
| 74 10-27 | 3,27 G | |
| 11- 4 | 3,35 G | 54,4 G |

[1] 𝒜 augmentée de 0s,40 : erreur de moy.

### 33321 P. — 80 W2.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 23h 5m | 53° 59' |
| 61 11- 9 | 28s,92 G | |

### 33322 P. — 79 W2.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 23h 5m | 66° 14' |
| 58 10-19 | 28s,56 G | |

### 33323 P. — 45409 à 11 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 23h 4m | 88° 9' |
| 42 10- 6 | 43s,48 G | |
| 10- 7 | 43,44 G | |

### 33323 P. (suite).

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $23^h 5^m$ | 88° 4′ |
| 56 10-29 | 29$^s$,42 G | |
| 57 9-19 | 29,42 G | 5″,7 G |
| 9-21 | 29,47 G | |
| 9-25 | 29,31 G | |
| 10-16 | 29,19 G | 5,5 G |
| 11-15 | 29,27 G | 6,1 G |
| 58 8-27 | | 6,0 G |

### 33324 P. — 45407 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $23^h 5^m$ | 103° 34′ |
| 58 10- 8 | | 57″,9 G |
| 11- 2 | 28$^s$,52 G | |
| | III. | |
| | $23^h 6^m$ | 103° 30′ |
| 78 10-10 | 15$^s$,64 M | 6″,9 M |
| 10-22 | 15,76 M | 6,8 M |

### 33325 P. — 45418 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $23^h 5^m$ | 64° 54′ |
| 58 9-15 | 33$^s$,06 G | |
| 10- 4 | 33,30 G | 22″,4 G |
| 59 11-13 | | 21,2 G |
| 11-18 | 33,07 G | |

### 33326 P. — 45423 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $23^h 6^m$ | 41° 27′ |
| 80 10-25 | 17$^s$,86 G | 53″,7 G |
| 11- 4 | 17,71 G | 56,4 G |

### 33327 P. — 45416 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $23^h 5^m$ | 79° 48′ |
| 58 8-23 | 33$^s$,96 G | 25″,5 G |
| | III. | |
| | $23^h 6^m$ | 79° 43′ |
| 79 10- 7 | 19$^s$,31 M | 32″,9 M |

### 33328 P. — 45408 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $23^h 5^m$ | 114° 51′ |
| 55 9- 8 | 34$^s$,14 G | |
| 58 9- 9 | | 57″,1 G |
| | III. | |
| | $23^h 6^m$ | 114° 47′ |
| 80 9-10 | 22$^s$,63 M | 6″,6 M |

### 33329 P. — 45433 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $23^h 6^m$ | 37° 20′ |
| 81 10- 1 | | 15″,7 G |
| 10-10 | 26$^s$,09 G | 16,5 G |

### 33330 P. — 45426 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $23^h 5^m$ | 53° 47′ |
| 59 11-10 | | 33″,6 G |
| 61 10-10 | 44$^s$,75 G | 32,9 G |
| 11- 1 | 44,80 G | |
| 11- 9 | | 33,6 G |

### 33331 P. — 45413-14 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $23^h 5^m$ | 100° 19′ |
| 59 9- 5 | | 49″,6 G |
| 60 9-11 | 40$^s$,73 G | 50,8 G |
| 9-12 | 40,83 G | 49,7 G |
| | III. | |
| | $23^h 6^m$ | 100° 14′ |
| 78 10-22 | 27$^s$,75 J | 58″,5 J |
| 11- 3 | 27,81 M | 57,0 M |

### 33332 P. — 45435 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $23^h 6^m$ | 37° 29′ |
| 81 10-19 | 29$^s$,53 G | 11″,0 G |

### 33333 P. — 45412 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $23^h 5^m$ | 117° 9′ |
| 55 8-17 | 43$^s$,69 G | |
| 58 10-30 | | 38″,1 G |
| 61 10- 4 | 43,79 G | 37,7 G |
| 10-15 | 43,82 G | 36,8 G |
| 10-19 | 43,94 G | 35,7 G |

### 33334 P. — 45427 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $23^h 5^m$ | 65° 11′ |
| 57 10-24 | | 13″,9 G |
| 58 11- 1 | 51$^s$,46 G | 11,4 G |
| 11- 4 | 51,43 G | 11,3 G |

### 33335 P. - 45420-21 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $23^h 5^m$ | 90° 48′ |
| 43 11-29[1] | 3$^s$,53 G | |
| | II. | |
| | $23^h 5^m$ | 90° 43′ |
| 55 9-10 | | 43″,9 G |
| 9-15 | 49$^s$,91 G | |
| 9-16 | 49,66 G | |
| 58 10- 7 | | 46,9 G |

### 33335 P. (suite).

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $23^h 6^m$ | 90° 38′ |
| 68 10-13 | 35$^s$,98 M | 54″,2 M |
| 74 9-14 | 35,89 G | 52,2 G |
| 9-15 | 35,97 G | 55,8 G |
| 10- 8 | | 55,8 G |
| 10-13 | 35,84 G | 53,8 G |
| 10-16 | 35,85 G | 54,9 G |
| 10-31 | | 52,9 G |
| 76 9-20 | 35,84 G | 55,3 G |

[1] Erreur dans la déclinaison indiquée. L'observateur a inscrit : *sur le même parallèle que la Lune.*

### 33336 P. — 45441 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $23^h 6^m$ | 37° 51′ |
| 81 10-22 | 36$^s$,04 G | 51″,4 G |
| 10-29 | 36,13 G | 53,3 G |
| 10-30 | 36,35 G | 52,7 G |

### 33337 P. — 86 $W_2$.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $23^h 5^m$ | 62° 11′ |
| 58 10-16 | 52$^s$,63 G | |

### 33338 P. — 45419 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $23^h 5^m$ | 109° 7′ |
| 55 9-16 | | 48″,4 G |
| 59 11-14 | | 50,8 G |
| | III. | |
| | $23^h 6^m$ | 109° 2′ |
| 78 9-29 | 39$^s$,86 M | 57″,8 M |
| 10- 8 | 39,83 M | 57,8 M |

### 33339 P. — 45424 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $23^h 5^m$ | 85° 59′ |
| 56 10- 9 | 54$^s$,34 G | |
| 60 10-29 | 54,21 G | 9″,3 G |
| 62 9-19 | 54,36 G | 8,8 G |

### 33340 P. — 81 $W_1$.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $23^h 5^m$ | 91° 16′ |
| 40 10-15 | 7$^s$,78 G | |

### 33341 P. — 45429-30 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $23^h 5^m$ | 81° 52′ |
| 41 9-20 | 15$^s$,72 G | |
| 10-19 | 15,50 G | |
| 10-20 | 15,58 G | |
| 10-21 | 15,55 G | |
| 48 12-10 | 15,57 G | |

### 33341 P. (suite).

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $23^h 6^m$ | 81° 47′ |
| 55 9-28 | 0$^s$,99 G | |
| 59 8-28 | | 51″,0 G |
| | III. | |
| | $23^h 6^m$ | 81° 42′ |
| 71 10-12 | 46$^s$,28 M | 56″,9 M |

### 33342 P. — 45422 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $23^h 6^m$ | 117° 18′ |
| 55 9-25 | 0$^s$,27 G | 9″,3 G |
| | III. | |
| | $23^h 6^m$ | 117° 13′ |
| 79 11- 2 | 48$^s$,84 J | 13″,6 J |

### 33343 P. — 45447-48 L

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $23^h 5^m$ | 41° 26′ |
| 37 8-25[1] | | 24″,7 F |
| 8-27[1] | | 21,2 F |
| 8-29[1] | | 20,8 F |
| 9-19[1] | 27$^s$,71 G | 22,3 F |
| 9-20[1] | 27,79 G | 23,5 F |
| 38 9- 3[1] | | 24,4 F |
| 40 11- 1 | 27,75 G | |
| 46 9-22 | 27,84 G | |
| 10-20 | 27,75 G | |
| 48 12-13 | | 23,5 G |
| 50 10-12 | 27,91 G | |
| 51 9-16 | 27,85 G | |
| | II. | |
| | $23^h 6^m$ | 41° 21′ |
| 62 7-21 | 8$^s$,54 G | |
| 9- 5 | 8,59 G | |
| 9-11 | 8,66 G | |
| 10- 9 | 8,60 G | |
| 10-16 | 8,69 G | 30″,1 G |
| 63 9-15 | 8,68 G | 30,5 G |
| 9-27 | 8,60 G | 29,3 G |
| 10-12 | 8,48 G | |
| 10-16 | 8,77 G | |
| 10-19 | 8,52 G | |
| 10-25 | 8,80 G | |
| 64 9- 9 | 8,73 G | |
| 9-11 | 8,63 G | |
| 9-12 | 8,79 G | |
| 9-21 | 8,75 G | |
| 9-22 | 8,77 G | |
| 9-23 | 8,73 G | |
| 9-30 | 8,66 G | |
| 10- 1 | 8,71 G | |
| 10-24 | 8,72 G | |
| 10-27 | 8,81 G | |
| 11- 4 | 8,75 G | |
| 65 9-19 | | 29″,0 G |
| 9-20 | | 29,3 G |
| 9-21 | | 28,2 G |
| 9-22 | | 29,2 G |
| 9-23 | | 29,0 G |
| 10-23 | 8,67 G | |
| 10-28 | 8,66 G | |
| 11- 1 | 8,71 G | |
| 67 9-28 | 8,38 M | 28,7 M |

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### 33343 P. (suite).

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | III. | |
| | 23h 6m | 41°16′ |
| 72 9-7 | 49s,45 G | |
| 9-8 | 49,19 G | |
| 9-9 | 49,58 G | |
| 9-10 | 49,42 G | |
| 9-30 | 49,45 M | 35″,4 M |

[1] Observations de distance polaire faites près du zénith sans indication de la position de l'observateur. On n'a pas tenu compte de la valeur de l'équation personnelle dans le calcul de la distance polaire.

### 33344 P. — 45444 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | III. | |
| | 23h 6m | 50°40′ |
| 73 11-3 | 52s,52 G | |
| 74 9-19 | 52,51 M | 25″,9 M |
| 9-24 | 52,53 M | 26,7 M |
| 11-4 | 52,48 M | |

### 33345 P. — 45434 L[1].

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 23h 6m | 78°48′ |
| 56 8-30 | 7s,42 G | 31″,8 G |
| | III. | |
| | 23h 6m | 78°43′ |
| 79 11-9 | 52s,62 G | 40″,8 G |

[1] La dist. pol. de Lal. doit être diminuée de 1′ : err. de réduct. de Baily.

### 33346 P. — 10406 Brux.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 23h 6m | 63°56′ |
| 59 11-19 | 8s,87 G | |

### 33347 P. — 45431 L

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 23h 6m | 99°40′ |
| 55 8-16[1] | 10s,82 G | 9″,1 G |
| 58 8-27 | | 9,7 F |
| 61 11-19 | 10,73 G | 9,4 G |
| 62 10-10 | 11,08 G | |
| 64 9-26 | 10,78 M | 9,4 M |
| 9-29 | 10,77 M | 9,4 M |
| | III. | |
| | 23h 6m | 99°35′ |
| 76 9-23 | 57s,65 M | 15″,7 M |

[1] 𝒜 diminuée de 0s,40 : erreur de moy.

### 33348 P. — 85 W1.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 23h 6m | 100°41′ |
| 62 10-10 | | 29″,5 G |

### 33349 P. — 45445 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 23h 6m | 61°19′ |
| 57 12-24 | | 4″,4 G |
| 12-27 | 16s,76 G | |
| | III. | |
| | 23h 7m | 61°14′ |
| 71 11-5 | 0s,20 G | |
| 11-17 | 0,24 G | |
| 79 9-28 | 0,03 G | 10″,2 G |
| 11-15 | 0,14 G | |

### 33350 P. — 45436 à 38 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | I. | |
| | 23h 5m | 88°10′ |
| 42 10-6 | 29s,06 G | |
| 10-7 | 29,23 G | |
| | II. | |
| | 23h 6m | 88°5′ |
| 56 9-26 | 15s,03 G | |
| 57 11-30 | | 11″,4 G |
| 58 8-27 | 15,09 G | 11,3 G |
| 9-13[1] | 14,96 G | 11,7 G |

[1] 𝒫 augm. de 11″,4 : erreur de réduct.

### 33351 P. — 88 W1.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | III. | |
| | 23h 7m | 97°0′ |
| 80 10-24[1] | 2s,04 J | 18″,8 J |

[1] 𝒫 diminuée de 1″.

### 33352 P. — 96 W2.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 23h 6m | 63°51′ |
| 59 11-19 | 19s,41 G | |

### 33353 P. — 45439 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 23h 6m | 89°49′ |
| 55 9-26 | 18s,52 G | |
| 12-19 | | 45″,5 G |
| 64 9-28 | 18,87 M | 46,7 M |

### 33354 P. — 45449-50 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 23h 6m | 68°40′ |
| 57 10-7 | | 31″,1 G |
| 58 8-8 | | 30,9 G |
| 9-24 | 23s,50 G | |
| 11-10 | 23,40 G | 30,9 G |
| 61 10-24 | 23,61 G | 32,3 G |
| 11-3 | 23,49 G | |
| 11-10 | 23,56 G | |
| | III. | |
| | 23h 7m | 68°35′ |
| 71 10-23 | 7s,75 G | |

### 33355 P. — 4949 A + 38°.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | III. | |
| | 23h 7m | 51°3′ |
| 81 11-4 | 8s,54 J | 7″,1 J |

### 33356 P. — 45446 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | I. | |
| | 23h 5m | 79°46′ |
| 40 9-25 | | 37″,1 F |
| 41 9-13 | 38s,98 G | |
| | II. | |
| | 23h 6m | 79°41′ |
| 56 10-1 | | 43″,9 G |
| 57 10-15 | | 44,4 G |
| 11-4 | 23s,78 G | |
| | III. | |
| | 23h 7m | 79°36′ |
| 71 10-10 | 9s,03 M | 53″,0 M |
| 10-14 | 9,05 M | 52,4 M |
| 80 9-24 | 9,20 M | 51,0 M |
| 9-26 | 9,26 M | 51,9 M |
| 9-27 | 9,15 M | 51,8 M |
| 81 10-17 | 9,20 M | 53,6 M |

### 33357 P. — 45459, 60 et 62 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | III. | |
| | 23h 7m | 48°36′ |
| 80 10-11 | 9s,75 G | 60″,1 G |
| 10-12 | 9,49 G | 56,8 G |
| 10-24 | 9,63 G | 60,0 G |
| 81 9-28 | 9,65 G | 61,2 G |
| 10-15 | 9,70 G | 60,9 G |

### 33358 P. — 3077 Br.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | I. | |
| | 23h 5m | 33°41′ |
| 49 9-30 | 51s,67 G | |
| 10-1 | 51,62 G | |
| 50 9-17 | 51,89 G | |

### 33359 P. — 45457-58 et 61 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 23h 6m | 50°45′ |
| 59 11-23 | | 30″,1 G |
| 66 9-15 | 28s,93 G | |
| 9-17 | 28,96 G | |
| | III. | |
| | 23h 7m | 50°40′ |
| 68 10-29 | 11s,28 G | 36″,1 G |
| 74 9-19 | 11,33 G | 35,8 G |
| 10-16 | 11,25 M | 36,1 M |
| 75 11-22 | 11,03 G | 39,5 G |
| 79 10-16 | 11,26 G | 35,1 G |
| 10-27 | 11,30 G | 36,0 G |

### 33360 P. — 45443 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 23h 6m | 104°9′ |
| 58 9-12 | | 17″,4 G |
| 60 11-3 | 28s,02 G | 18,4 G |
| 62 9-17 | 27,92 G | |
| 9-25 | 28,11 G | 19,0 G |
| | III. | |
| | 23h 7m | 104°4′ |
| 78 11-6 | 15s,17 J | 25″,6 J |

### 33361 P. — 45451 à 53 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | I. | |
| | 23h 5m | 88°38′ |
| 42 10-28 | 46s,20 G | |
| | II. | |
| | 23h 6m | 88°33′ |
| 57 8-22 | 31s,96 G | |
| 58 10-11 | 32,08 G | |
| 10-29 | 31,88 G | 32″,8 G |
| 61 10-17 | 32,09 G | 32,9 G |

### 33362 P. — 45466 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | III. | |
| | 23h 7m | 53°39′ |
| 68 10-22 | 19s,71 G | 31″,8 G |
| 69 10-12 | 19,40 M | 32,0 M |

### 33363 P. — 10903 Rümker.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 23h 6m | 75°26′ |
| 56 9-16 | 36s,03 G | |
| 58 8-6 | 36,10 G | |
| | III. | |
| | 23h 7m | 75°21′ |
| 79 9-25 | 20s,96 G | 41″,3 G |

### 33364 P. — 10510 Y. F.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | III. | |
| | 23h 7m | 110°27′ |
| 72 11-7[1] | 29s,87 G | |

[1] Erreur dans la déclinaison approchée inscrite : on a pris la hauteur pour la déclinaison.

### 33365 P. — 45463 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 23h 6m | 85°28′ |
| 57 9-6 | 44s,77 G | 4″,3 G |
| | III. | |
| | 23h 7m | 85°23′ |
| 74 9-9 | 30s,44 G | 11″,2 G |
| 10-28 | 30,62 G | 13,6 G |
| 11-5 | 30,62 G | 12,3 G |
| 75 10-23 | 30,61 M | 10,8 M |

### 33366 P. — 45456 L.

| Dates 1800+ A. M. J. | AR | D |
|---|---|---|
| III. | 23h 7m | 99° 36′ |
| 79 10- 7 | 32s,80 J | 36″,7 J |

### 33367 P. — 45455 L.

| Dates 1800+ A. M. J. | AR | D |
|---|---|---|
| II. | 23h 6m | 99° 41′ |
| 57 9- 9 | | 2″,2 G |
| III. | 23h 7m | 99° 36′ |
| 79 10-20 | 32s,98 J | 10″,4 J |
| 10-26 [1] | 32,95 J | 10,6 J |
| 10-30 | 32,88 J | 11,5 J |

[1] AR diminuée de 10s.

### 33368 P. — 45469 L.

| Dates 1800+ A. M. J. | AR | D |
|---|---|---|
| II. | 23h 6m | 75° 23′ |
| 56 9-16 | 48s,69 G | 26″,5 G |
| 58 8- 6 | 48,50 G | |
| III. | 23h 7m | 75° 18′ |
| 79 10- 4 | 33s,42 G | 36″,3 G |
| 10- 7 | 33,47 G | |

### 33369 P. — 45484 L.

| Dates 1800+ A. M. J. | AR | D |
|---|---|---|
| II. | 23h 6m | 44° 42′ |
| 67 10-28 | 52s,80 M | 23″,1 M |
| 11- 6 | 52,68 M | 23,7 M |

### 33370 P. — 45481 L.

| Dates 1800+ A. M. J. | AR | D |
|---|---|---|
| II. | 23h 6m | 61° 29′ |
| 58 9-10 | 52s,67 G | 46″,2 G |
| 9-23 | 52,68 G | |
| 10- 2 | 52,85 G | 45,3 G |

### 33371 P. — 45454 L.

| Dates 1800+ A. M. J. | AR | D |
|---|---|---|
| III. | 23h 7m | 37° 33′ |
| 81 11- 4 | 37s,64 G | 34″,5 G |

### 33372 P. — 45471-72 L.

| Dates 1800+ A. M. J. | AR | D |
|---|---|---|
| II. | 23h 6m | 85° 45′ |
| 56 8- 9 | 53s,31 G | |
| 8-26 | 53,44 G | |
| 10- 5 | | 47″,9 G |
| 10-25 | 53,40 G | |

### 33372 P. (suite).

| Dates 1800+ A. M. J. | AR | D |
|---|---|---|
| III. | 23h 7m | 85° 40′ |
| 72 10-25 | 39s,03 G | 58″,3 G |
| 10-29 | 38,97 G | 57,6 G |

### 33373 P. — 109 $W_2$.

| Dates 1800+ A. M. J. | AR | D |
|---|---|---|
| I. | 23h 6m | 66° 42′ |
| 41 9-10 | 11s,99 G | |

### 33374 P. — 45485 L.

| Dates 1800+ A. M. J. | AR | D |
|---|---|---|
| II. | 23h 6m | 51° 30′ |
| 66 9-28 | 57s,89 G | 33″,8 G |
| 10- 9 | 57,80 G | 32,7 G |
| 67 10-31 | | 32,9 G |
| III. | 23h 7m | 51° 25′ |
| 68 10- 7 | 40s,24 G | |
| 73 10- 8 | 40,41 G | 40″,3 G |
| 10-16 | 40,19 G | 39,8 G |
| 10-17 | 40,22 G | 39,9 G |
| 74 9-15 | 40,47 M | 39,9 M |
| 10-14 | 40,39 M | 40,9 M |

### 33375 P. — 45468 et 70 L.

| Dates 1800+ A. M. J. | AR | D |
|---|---|---|
| I. | 23h 6m | 93° 28′ |
| 40 11- 6 | | 37″,0 F |
| 41 12-20 | 7s,88 G | |
| II. | 23h 6m | 93° 23′ |
| 55 8-17 | | 43″,6 G |
| 10-15 | 54s,13 G | 43,1 G |
| 56 9-25 | 54,21 G | 44,4 G |
| 57 9-18 | | 45,1 G |
| 64 9-27 | 54,17 M | 44,3 M |
| III. | 23h 7m | 93° 18′ |
| 76 10-16 | 40s,42 G | 52″,2 G |
| 10-18 | 40,56 G | |
| 78 9-27 | 40,56 G | 52,2 G |
| 10- 8 | 40,48 J | 52,2 J |
| 10-12 | 40,51 J | 51,5 J |

### 33376 P. — 111 $W_2$.

| Dates 1800+ A. M. J. | AR | D |
|---|---|---|
| II. | 23h 6m | 62° 11′ |
| 58 10-16 | 57s,59 G | |

### 33377 P. — 45464-65 L.

| Dates 1800+ A. M. J. | AR | D |
|---|---|---|
| II. | 23h 6m | 107° 40′ |
| 54 12- 9 | | 13″,8 G |
| 56 11-14 | 54s,72 G | |
| 58 10- 6 | 54,78 G | 13,5 G |

### 33377 P. (suite).

| Dates 1800+ A. M. J. | AR | D |
|---|---|---|
| III. | 23h 7m | 107° 35′ |
| 78 10- 3 | 42s,08 M | 19″,3 M |

### 33378 P. — 45474 et 76 L.

| Dates 1800+ A. M. J. | AR | D |
|---|---|---|
| II. | 23h 6m | 82° 37′ |
| 56 10-28 | | 45″,4 G |
| 57 9-20 | 59s,42 G | 44,3 G |
| III. | 23h 7m | 82° 32′ |
| 79 10-11 | 45s,08 M | 52″,3 M |

### 33379 P. — 45491 L.

| Dates 1800+ A. M. J. | AR | D |
|---|---|---|
| III. | 23h 7m | 47° 25′ |
| 68 11-16 | 46s,09 M | 44″,7 M |
| 74 10-10 | 45,85 G | 45,2 G |

### 33380 P. — 45482-83 L.

| Dates 1800+ A. M. J. | AR | D |
|---|---|---|
| II. | 23h 7m | 71° 7′ |
| 56 8-13 | | 39″,3 G |
| 9- 6 | 2s,78 G | |
| 57 10- 3 | 2,61 G | 37,0 G |
| 58 9-29 | 2,72 G | 38,0 G |

### 33381 P. — 45475 et 77 à 80 L.

| Dates 1800+ A. M. J. | AR | D |
|---|---|---|
| I. | 23h 6m | 96° 52′ |
| 37 9-11 [1] | 17s,65 G | 60″,3 F |
| 9-15 | 17,48 G | 59,4 F |
| 9-23 | 17,51 G | 58,4 F |
| 10- 4 | 17,41 G | |
| 10-11 | 17,45 G | 57,0 F |
| 10-12 | 17,50 G | |
| 38 10-29 | 17,61 G | 59,7 F |
| 39 9- 7 | 17,67 G | 60,1 F |
| 9- 8 | 17,57 G | 59,8 F |
| 9- 9 | 17,56 G | 59,2 F |
| 9-10 | 17,47 G | 61,6 F |
| 9-11 | 17,41 G | 60,7 F |
| 9-13 | 17,66 G | 57,5 F |
| 9-15 | 17,43 G | |
| 9-18 | 17,47 G | |
| 9-19 | 17,38 G | 58,2 F |
| 9-21 | 17,37 G | 58,6 F |
| 10-19 | 17,55 G | |
| 40 9-10 | 17,48 G | 59,5 F |
| 9-11 | 17,73 G | 57,9 F |
| 9-20 | 17,50 G | |
| 9-25 | 17,48 G | |
| 10-10 | 17,42 G | 60,9 F |
| 10-13 | 17,49 G | |
| 10-25 | 17,48 G | |
| 11- 6 | 17,54 G | |
| 42 9-14 | | 61,3 F |
| 10-16 | 17,59 G | |
| 10-17 | 17,64 G | |
| 10-19 | 17,50 G | |
| 10-20 | 17,55 G | |
| 46 7-12 | 17,52 G | |

### 33381 P. (suite).

| Dates 1800+ A. M. J. | AR | D |
|---|---|---|
| I. | 23h 6m | 96° 52′ |
| 46 9- 5 | 17s,38 G | |
| 9-17 | 17,48 G | |
| 9-24 | 17,49 G | |
| 9-26 | 17,56 G | |
| 10- 1 | 17,53 G | |
| 10-10 | 17,55 G | |
| 10-21 | 17,48 G | |
| 11- 2 | 17,50 G | |
| 48 12- 3 | 17,50 G | 61″,4 G |
| 12- 8 | | 62,5 G |
| 12-11 | | 62,2 G |
| 12-13 | 17,51 G | |
| 49 7- 9 | 17,54 G | |
| 8- 6 | 17,48 G | |
| 9-25 | 17,58 G | |
| 9-26 | 17,72 G | |
| 10-18 | 17,59 G | |
| 10-19 | 17,69 G | 62,4 G |
| 50 10-16 | 17,61 G | 61,6 G |
| 10-17 | 17,51 G | 63,2 G |
| 10-17 | | 64,7 F |
| 51 7-17 | 17,57 G | |
| 9- 9 | 17,59 G | |
| 9-10 | | 62,4 G |
| 12-26 | | 62,6 G |
| 52 9-25 | 17,59 G | |
| 9-26 | 17,68 G | |
| 12-17 | 17,74 G | |
| 53 7-23 | 17,48 G | 62,6 G |
| 8-19 | 17,40 G | |
| 9-16 | 17,42 G | |
| 11- 9 | 17,55 G | |
| 11-10 | 17,66 G | |
| II. | 23h 7m | 96° 48′ |
| 54 8-13 | 4s,21 G | |
| 8-16 | 4,34 G | |
| 8-17 | 4,41 G | 9″,8 G |
| 55 8-27 | 4,15 G | 9,4 G |
| 8-28 | 4,20 G | 8,3 G |
| 9- 8 | | 10,3 G |
| 56 9- 5 | 4,13 G | 9,9 G |
| 57 9-22 | 4,04 G | |
| 10-28 | 4,23 G | 10,5 G |
| 58 9-11 | | 10,8 F |
| 10-18 | 4,08 G | |
| 10-19 | 4,23 G | 10,5 G |
| 11- 3 | 3,88 G | |
| 60 10-25 | 4,25 G | 10,6 G |
| III. | 23h 7m | 96° 43′ |
| 69 8-23 | | 19″,2 M |
| 73 9-20 | 50s,91 M | 19,9 M |
| 9-23 | 50,72 M | |
| 9-23 | 50,81 G | |
| 9-25 | 50,85 G | |
| 10- 9 | 50,73 G | 21,5 G |
| 10-13 | 50,71 G | 21,7 G |
| 78 10-31 | 50,94 M | 22,1 M |
| 79 9-27 | 50,79 G | |
| 80 10-25 | 51,06 J | 20,7 J |
| 11- 3 | 50,87 J | 22,4 J |

[1] D diminuée de 3°.

### 33382 P. — 45486 L.

| Dates 1800+ A. M. J. | AR | D |
|---|---|---|
| I. | 23h 6m | 66° 36 |
| 41 9-10 | 23s,23 G | |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (Æ, P.)

### 33382 P. (suite).

| A. M. J. | Æ | P. |
|---|---|---|
| II. | $23^h7^m$ | 66°31' |
| 58 9-17 | 7s,19 G | |
| 9-25 | 7,34 G | 41",2 G |
| III. | $23^h7^m$ | 66°26' |
| 71 10-14 | 51s,12 G | 48",0 G |

### 33383 P. — 45488 L.

| A. M. J. | Æ | P. |
|---|---|---|
| II. | $23^h7^m$ | 65°18' |
| 58 9-19 | | 16",1 G |
| III. | $23^h7^m$ | 65°13' |
| 79 9-26 | 52s,04 G | |
| 10-11 | 52,03 G | 23",1 G |
| 10-12 | 52,09 G | 20,0 G |

### 33384 P. — 3908 Cincinnati.

| A. M. J. | Æ | P. |
|---|---|---|
| III. | $23^h7^m$ | 110°41' |
| 73 10-28 | 57s,82 M | |

### 33385 P. — 45493-94 L.

| A. M. J. | Æ | P. |
|---|---|---|
| II. | $23^h7^m$ | 70°59' |
| 56 9-8 | 19s,83 G | |
| 58 8-26 | 19,60 G | 46",8 G |
| 10-1 | 19,75 G | 46,5 G |

### 33386 P. — 45489 L[1].

| A. M. J. | Æ | P. |
|---|---|---|
| II. | $23^h7^m$ | 96°52' |
| 57 8-13 | 20s,10 G | |
| 11-11 | 20,14 G | |
| 58 8-15 | | 41",1 G |
| 9-9 | | 39,9 F |
| 11-3 | 20,23 G | |

[1] La distance pol. de Lal. doit être augm. de 1'.

### 33387 P. — 45487 L.

| A. M. J. | Æ | P. |
|---|---|---|
| II. | $23^h7^m$ | 105°12' |
| 61 11-2 | | 27",4 G |

### 33388 P. — 45490 L.

| A. M. J. | Æ | P. |
|---|---|---|
| I. | $23^h6^m$ | 101°31' |
| 40 8-31 | 35s,09 G | |
| 48 10-25 | 35,28 G | |
| 10-26 | 35,24 G | 49",6 G |
| 10-27 | 35,29 G | |

### 33388 P. (suite).

| A. M. J. | Æ | P. |
|---|---|---|
| II. | $23^h7^m$ | 101°26' |
| 58 8-20 | 22s,11 G | 56",0 G |
| 12-1 | 22,23 G | 56,2 G |
| 67 10-23 | 22,23 M | 58,6 M |
| III. | $23^h8^m$ | 101°22' |
| 77 11-12 | 9s,09 M | 5",6 M |
| 11-13 | 9,04 M | 5,3 M |

### 33389 P. — 128-29 $W_2$.

| A. M. J. | Æ | P. |
|---|---|---|
| II. | $23^h7^m$ | 61°2' |
| 60 10-9 | | 33",4 G |

### 33390 P. — 45497 L.

| A. M. J. | Æ | P. |
|---|---|---|
| II. | $23^h7^m$ | 58°14' |
| 67 10-30 | | 55",6 G |
| III. | $23^h8^m$ | 58°10' |
| 68 10-10 | 16s,68 G | 2",7 G |
| 10-13 | 16,64 G | 4,4 G |

### 33391 P. — 45496 L.

| A. M. J. | Æ | P. |
|---|---|---|
| II. | $23^h7^m$ | 60°59' |
| 58 9-8 | | 23",7 G |
| 60 10-4 | 33s,81 G | 21,3 G |
| 10-9 | 33,78 G | 22,6 G |
| 61 11-21 | 33,83 G | 21,8 G |

### 33392 P. — 45492 L.

| A. M. J. | Æ | P. |
|---|---|---|
| I. | $23^h6^m$ | 107°4' |
| 37 9-4 | 43s,36 G | |
| 40 9-12 | 43,37 G | |
| II. | $23^h7^m$ | 106°59' |
| 58 11-2 | 30s,65 G | |
| 11-30 | | 59",9 G |
| III. | $23^h8^m$ | 106°55' |
| 79 9-16 | 18s,34 J | 8",3 J |

### 33393 P. — 45498 L.

| A. M. J. | Æ | P. |
|---|---|---|
| II. | $23^h7^m$ | 66°39' |
| 58 8-30 | 42s,32 G | |
| 11-11 | 42,59 G | |
| 11-22 | 42,49 G | 32",5 G |
| III. | $23^h8^m$ | 66°34' |
| 79 10-30 | 26s,63 G | 39",2 G |

### 33394 P. — 13981 Cambridge.

| A. M. J. | Æ | P. |
|---|---|---|
| II. | $23^h7^m$ | 64°50' |
| 59 11-18 | 44s,47 G | |

### 33395 P. — 45509 à 11 L.

| A. M. J. | Æ | P. |
|---|---|---|
| III. | $23^h8^m$ | 47°12' |
| 68 11-17 | 31s,26 M | 14",7 M |
| 74 10-10 | 31,27 M | 15,4 M |
| 75 10-9 | 31,10 M | 14,9 M |

### 33396 P. — 45506 L.

| A. M. J. | Æ | P. |
|---|---|---|
| II. | $23^h7^m$ | 55°44' |
| 59 11-18 | | 42",2 G |
| 60 10-27 | 50s,15 G | 40,3 G |
| 62 9-15 | 50,19 G | 40,8 G |
| 67 10-25 | | 40,9 G |
| III. | $23^h8^m$ | 55°39' |
| 68 10-28 | 33s,15 G | 47",3 G |

### 33397 P. — 45512 à 14 L.

| A. M. J. | Æ | P. |
|---|---|---|
| III. | $23^h8^m$ | 46°58' |
| 68 11-20 | 34s,43 M | 43",8 M |
| 74 9-8 | 34,36 G | 45,6 G |
| 10-12 | 34,27 G | 44,9 G |

### 33398 P. — 45499 L.

| A. M. J. | Æ | P. |
|---|---|---|
| II. | $23^h7^m$ | 87°53' |
| 57 9-24 | | 47",4 G |
| 10-16 | 52s,07 G | 46,9 G |
| III. | $23^h8^m$ | 87°48' |
| 73 11-3 | 37s,88 M | |

### 33399 P. — 45495 L.

| A. M. J. | Æ | P. |
|---|---|---|
| I. | $23^h7^m$ | 115°41' |
| 43 9-20 | 2s,24 G | 45",1 F |
| 9-21 | 2,31 G | 43,0 F |
| 9-23 | 2,37 G | 45,0 G |
| 9-26 | 2,32 G | |
| 9-29 | 2,32 G | 46,5 F |
| II. | $23^h7^m$ | 115°36' |
| 55 9-7 | 50s,54 G | |
| 57 10-26 | | 54",7 G |
| III. | $23^h8^m$ | 115°31' |
| 80 10-11 | 38s,90 M | 56",9 M |
| 10-24 | 38,73 M | 54,7 M |

### 33400 P. — 45502-03 L.

| A. M. J. | Æ | P. |
|---|---|---|
| I. | $23^h7^m$ | 96°57' |
| 40 10-10 | 11s,59 G | 56",1 F |
| 10-13 | 11,38 G | |
| 10-15 | 11,58 G | |
| II. | $23^h7^m$ | 96°53' |
| 56 11-3 | | 1",4 G |
| 57 8-10 | 58s,16 G | |
| 11-11 | | 2,3 G |
| 58 11-3 | | 2,3 G |
| 60 11-10 | 58,21 G | 2,3 G |
| 61 9-27 | 58,10 G | 2,0 G |
| 10-2 | 58,22 G | 2,6 G |
| 10-5 | 58,01 G | 2,7 G |
| III. | $23^h8^m$ | 96°48' |
| 75 11-2 | 44s,73 M | 8",1 M |

### 33401 P. — 45505 L.

| A. M. J. | Æ | P. |
|---|---|---|
| II. | $23^h7^m$ | 85°15' |
| 56 10-18 | | 52",7 G |
| 10-26 | 59s,30 G | |
| III. | $23^h8^m$ | 85°11' |
| 74 11-4 | 44s,87 G | 0",7 G |

### 33402 P. — 45517 L.

| A. M. J. | Æ | P. |
|---|---|---|
| III. | $23^h8^m$ | 49°24' |
| 81 10-1[1] | 45s,89 G | 59",9 G |

[1] Æ augm. de 0s,40 : err. de 1s sur 2 fils.

### 33403 P. — 45507 L.

| A. M. J. | Æ | P. |
|---|---|---|
| III. | $23^h8^m$ | 81°53' |
| 80 10-30[1] | 46s,36 J | 31",0 J |
| 81 9-30 | 46,68 J | 30,8 J |
| 10-5 | 46,29 J | 30,1 J |

[1] P diminuée de 1'.

### 33404 P. — 45501 L.

| A. M. J. | Æ | P. |
|---|---|---|
| I. | $23^h7^m$ | 104°51' |
| 41 10-19 | 12s,83 G | |
| 10-20 | 12,93 G | |
| 10-21 | 12,90 G | 33",8 F |

### 33405 P. — 45504 L.

| A. M. J. | Æ | P. |
|---|---|---|
| II. | $23^h8^m$ | 102°19' |
| 58 9-9 | | 36",3 G |
| 10-8 | | 37,5 G |
| 11-12 | 2s,43 G | 37,8 G |
| 59 11-11 | 2,48 G | 36,3 G |

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. AR | Decl |
|---|---|---|

**33405 P. (suite).**

| | III. $23^h8^m$ | $102°14'$ |
|---|---|---|
| 79 9-26 | $49^s,45$ J | $44'',1$ J |

**33406 P. — 45519 L.**

| | II. $23^h8^m$ | $55°48'$ |
|---|---|---|
| 67 10-28 | | $39'',1$ G |
| | III. $23^h8^m$ | $55°43'$ |
| 80 9-29 | $49^s,63$ J | $47'',0$ J |
| 81 9-28 | 49,76 J | 46,3 J |

**33407 P. — 45516 L.**

| | I. $23^h7^m$ | $62°46'$ |
|---|---|---|
| 49 9-17 | $24^s,39$ G | |
| 9-21 | 24,27 G | |
| 9-23 | 24,34 G | |
| | II. $23^h8^m$ | $62°41'$ |
| 57 12-18 | $8^s,23$ G | $25'',7$ G |
| 58 11-7 | | 26,0 G |
| 62 9-14[1] | 8,01 G | 26,7 G |
| | III. $23^h8^m$ | $62°36'$ |
| 71 11-20 | $51^s,57$ G | |

[1] Erreur de 8" dans la déclin. indiquée à l'obs. de passage (distance des fils).

**33408 P. — 45508 L.**

| | II. $23^h8^m$ | $105°18'$ |
|---|---|---|
| 62 9-20 | $8^s,77$ G | |
| | III. $23^h8^m$ | $105°13'$ |
| 78 10-8 | $56^s,34$ M | $15'',9$ M |

**33409 P. — 45520 L.**

| | II. $23^h8^m$ | $78°19'$ |
|---|---|---|
| 58 9-11 | $16^s,16$ G | $31'',2$ G |
| 10-5 | 16,21 G | 30,7 G |

**33410 P. — 45518 L.**

| | II. $23^h8^m$ | $84°35'$ |
|---|---|---|
| 56 10-25 | | $6'',4$ G |
| 57 8-27 | $18^s,42$ G | |
| 9-25 | 17,91 G | |
| 10-15 | 18,18 G | |
| | III. $23^h9^m$ | $84°30'$ |
| 71 10-12 | $3^s,74$ M | $12'',5$ M |

**33411 P. — 45515 L.**

| | II. $23^h8^m$ | $102°23'$ |
|---|---|---|
| 59 9-5 | | $40'',5$ G |
| | III. $23^h9^m$ | $102°18'$ |
| 79 9-27 | $4^s,83$ J | $46'',7$ J |

**33412 P. — 45528 L.**

| | III. $23^h9^m$ | $49°32'$ |
|---|---|---|
| 80 9-10 | $4^s,94$ G | $16'',2$ G |
| 81 10-16 | 5,18 G | 16,1 G |

**33413 P. — 45521-22 L.**

| | I. $23^h7^m$ | $94°20'$ |
|---|---|---|
| 40 9-20 | $35^s,04$ G | |
| 9-25 | 35,19 G | |
| 10-25 | 35,05 G | |
| | II. $23^h8^m$ | $94°15'$ |
| 57 9-15 | | $32'',2$ G |
| | III. $23^h9^m$ | $94°10'$ |
| 80 9-10 | $7^s,77$ J | $37'',8$ J |
| 9-16 | 7,93 M | 38,8 M |
| 10-1 | 7,54 M | 38,0 M |

**33414 P. — 45535 à 37 L.**

| | III. $23^h9^m$ | $47°21'$ |
|---|---|---|
| 72 9-17 | $12^s,30$ M | $56'',2$ M |
| 74 10-12 | 12,26 M | 57,6 M |

**33415 P. — 45539 L.**

| | II. $23^h8^m$ | $44°14'$ |
|---|---|---|
| 66 12-8 | $31^s,66$ M | $16'',5$ M |

**33416 P. — 45530 L.**

| | I. $23^h7^m$ | $64°58'$ |
|---|---|---|
| 43 10-5 | $46^s,96$ G | $55'',4$ F |
| | II. $23^h8^m$ | $64°54'$ |
| 59 11-18 | $30^s,56$ G | |
| 61 10-11 | 30,47 G | $5'',3$ G |
| | III. $23^h9^m$ | $64°49'$ |
| 79 10-20 | $14^s,51$ G | $11'',5$ G |

**33417 P. — 45525 L.**

| | I. $23^h7^m$ | $89°32'$ |
|---|---|---|
| 42 10-6 | $42^s,62$ G | |
| 10-7 | 42,40 G | |
| 10-9[1] | 42,60 G | |
| 10-11 | 42,80 G | |
| 10-13 | 42,51 G | |
| | II. $23^h8^m$ | $89°27'$ |
| 56 9-1 | | $9'',9$ G |
| 10-9 | $28^s,70$ G | 10,6 G |
| | III. $23^h9^m$ | $89°22'$ |
| 80 10-12[2] | $14^s,99$ M | $16'',1$ M |
| 81 9-28 | 14,95 M | 18,2 M |

[1] AR diminuée de $1^m$.
[2] Decl augmentée de 5'.

**33418 P. — 45531-32 L.**

| | II. $23^h8^m$ | $65°5'$ |
|---|---|---|
| 58 11-1 | $31^s,12$ G | $26'',4$ G |
| | III. $23^h9^m$ | $65°0'$ |
| 71 10-12 | $15^s,12$ G | |

**33419 P. — 45524 L.**

| | II. $23^h8^m$ | $103°56'$ |
|---|---|---|
| 58 9-27 | | $44'',9$ F |
| | III. $23^h9^m$ | $103°51'$ |
| 78 10-22 | $19^s,57$ M | $53'',4$ M |
| 79 10-6 | 19,56 M | 52,7 M |

**33420 P. — 45526-27 L.**

| | I. $23^h7^m$ | $99°55'$ |
|---|---|---|
| 37 9-9 | $45^s,96$ G | $51'',1$ F |
| 9-11 | | 52,1 F |
| 9-20 | 45,87 G | |
| 10-3 | 45,81 G | |
| 40 11-27 | | 54,4 F |
| 44 10-23 | 46,14 G | |
| 46 8-26 | 46,04 G | |
| 10-22 | 46,11 G | |
| 10-23[1] | 46,19 G | |
| 52 12-18 | 46,24 G | |
| | II. $23^h8^m$ | $99°50'$ |
| 55 9-18 | | $58'',3$ G |
| 9-23 | $33^s,14$ G | |
| 9-24 | 32,92 G | |
| 60 10-6 | 33,27 G | 59,3 G |

**33420 P. (suite).**

| | III. $23^h9^m$ | $99°46'$ |
|---|---|---|
| 71 8-29 | $20^s,51$ M | $6'',4$ M |
| 10-23 | 20,35 G | 6,8 G |
| 77 11-5[2] | 20,38 M | 7,2 M |
| 78 9-19 | 20,67 M | 3,7 M |
| 9-19 | 20,63 G | 6,2 G |
| 9-20 | 20,60 M | 5,5 M |
| 9-20 | 20,49 G | |
| 9-21 | 20,52 M | 7,8 M |
| 9-21 | 20,56 G | |
| 9-24 | 20,42 M | 6,0 M |
| 9-24 | 20,67 G | 6,2 G |
| 9-26 | 20,49 G | 6,2 G |
| 9-27 | 20,42 M | 5,2 M |
| 9-28 | 20,40 M | 6,4 M |
| 9-30 | 20,55 M | 6,5 M |
| 10-2 | 20,55 M | 4,4 M |
| 10-4 | 20,46 M | 4,2 M |
| 10-12 | 20,64 M | 5,6 M |

[1] AR augmentée de $1^m$ : erreur de transcr.
[2] AR diminuée de $1^m$.

**33421 P. — 45529 L.**

| | II. $23^h8^m$ | $97°39'$ |
|---|---|---|
| 57 11-15 | $41^s,35$ G | $1'',1$ G |
| 58 10-7 | | 0,0 G |
| | III. $23^h9^m$ | $97°34'$ |
| 79 10-4 | $28^s,13$ M | $6'',7$ M |

**33422 P. — 45541 L.**

| | III. $23^h9^m$ | $66°15'$ |
|---|---|---|
| 80 10-18 | $32^s,13$ J | $28'',1$ J |
| 81 10-4 | 32,20 J | 26,5 J |

**33423 P. — 45534 L.**

| | II. $23^h8^m$ | $92°11'$ |
|---|---|---|
| 55 9-16 | $46^s,54$ G | $10'',9$ G |
| 57 7-11 | | 13,9 G |
| | III. $23^h9^m$ | $92°6'$ |
| 78 10-20 | $32^s,91$ M | $17'',9$ M |

**33424 P. — 45542 L.**

| | I. $23^h8^m$ | $62°35'$ |
|---|---|---|
| 41 9-20 | $12^s,59$ G | |
| | II. $23^h8^m$ | $62°30'$ |
| 58 8-8 | | $52'',2$ G |
| 9-15 | $56^s,26$ G | |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (Æ., 𝒫.)

**33424 P. (suite).**

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| III. | 23h 9m | 62°25' |
| 81 10-4 | 39s,99 M | 57",6 M |
| 10-10 | 40,15 M | 58,4 M |
| 10-15 | | 57,2 J |

**33425 P. — 45543 L.**

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 23h 8m | 66°4' |
| 40 8-30 | 20s,10 G | 25",4 F |
| 8-31 | 19,82 G | 26,1 F |
| 10-6 | 20,04 G | |
| 10-10 | 19,85 G | 25,4 F |
| 10-13 | 19,75 G | |
| II. | 23h 9m | 65°59' |
| 57 10-24 | 4s,11 G | 31",6 G |
| III. | 23h 9m | 65°54' |
| 81 10-15 | 48s,28 M | 38",6 M |
| 10-17 | 48,34 M | 37,6 M |

**33426 P. — 45538 L.**

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 23h 9m | 117°50' |
| 55 9-25 | 0s,00 G | 39",3 G |
| III. | 23h 9m | 117°45' |
| 81 10-22 | 48s,35 M | 45",7 M |

**33427 P. — 45540 L.**

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 23h 9m | 113°59' |
| 58 10-30 | | 16",6 G |
| 61 10-26 | 2s,71 G | 18,1 G |
| III. | 23h 9m | 113°54' |
| 79 11-2 | | 22",5 J |

**33428 P. — 45549 L.**

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 23h 9m | 56°4' |
| 59 11-19 | | 28",7 G |
| 61 10-19 | 10s,06 G | 28,3 G |
| III. | 23h 9m | 55°59' |
| 69 9-28 | 53s,10 M | 35",5 M |

**33429 P. — 45546 L.**

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 23h 9m | 72°30' |
| 56 8-30 | | 12",2 G |
| 9-14 | | 12,7 G |
| 58 9-27 | 9s,75 G | |

**33429 P. (suite).**

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| III. | 23h 9m | 72°25' |
| 81 10-29 | 54s,58 M | 22",1 M |
| 11-4 | 54,52 M | 22,3 M |

**33430 P. — 45550 L.**

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| III. | 23h 9m | 57°36' |
| 69 9-22 | 55s,15 M | 51",4 M |
| 74 10-3 | | 50,6 G |
| 10-8 | | 49,4 G |
| 10-13 | 55,07 G | 49,7 G |
| 11-5 | 55,25 M | 52,6 M |

**33431 P. — 178 W$_2$.**

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 23h 8m | 48°15' |
| 53 9-17 | 32s,03 G | 55",3 G |

**33432 P. — 45552 L.**

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 23h 9m | 62°32' |
| 58 9-15 | 14s,07 G | |
| III. | 23h 9m | 62°27' |
| 81 10-18 | 57s,74 J | 15",0 J |

**33433 P. — 22721 A. O.**

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 23h 9m | 111°56' |
| 58 10-31 | | 48",1 G |

**33434 P. — 45548 L.**

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 23h 9m | 97°46' |
| 55 9-26 | 23s,52 G | 58",8 G |
| III. | 23h 10m | 97°42' |
| 76 9-23 | 10s,20 M | 2",8 M |

**33435 P. — 45559 L.**

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| III. | 23h 10m | 60°0' |
| 81 10-19 | 10s,50 J | 50",0 J |
| 10-31 | 10,53 J | 50,9 J |

**33436 P. — 45595 L.**

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 23h 9m | 16°36' |
| 53 2-25 I | 7s,99 G | |
| 3-12 I | 8,02 G | |
| 4-17 I | 7,89 G | |
| 9-12 | 8,11 G | |
| 9-22 | 8,43 G | |
| 10-8 | 7,92 G | |
| 10-12 | 7,95 G | |
| II. | 23h 9m | 16°31' |
| 63 9-15 | | 54",6 G |
| 64 1-7 | | 54,8 G |
| 10-20 | | 57,8 G |
| 65 9-19 | | 56,7 G |
| 9-20 | | 53,7 G |
| 9-21 | | 53,6 G |

**33437 P. — 45547 L.**

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| III. | 23h 10m | 111°53' |
| 79 10-20 | 12s,02 J | 0",4 J |

**33438 P. — 25344 A. O.**

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 23h 8m | 26°34' |
| 53 10-20 | 59s,63 G | |

**33439 P. — 45556 L.**

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 23h 9m | 83°10' |
| 56 8-29 | | 56",4 G |
| 59 8-28[1] | | 57,8 G |
| III. | 23h 10m | 83°6' |
| 71 10-14 | 14s,05 M | 3",0 M |
| 75 10-23 | 14,24 M | 3,9 M |

[1] 𝒫 diminuée de 5'.

**33440 P. — 183 W$_2$.**

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 23h 9m | 65°17' |
| 58 9-19 | 30s,92 G | |

**33441 P. — 166 W$_1$.**

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 23h 9m | 87°51' |
| 57 10-16[1] | 30s,63 G | |

[1] Indiquée à tort 45556 L. (dist. des fils); observée d'ailleurs immédiatement après 45499 L. (𝒫 = 87°53').

**33442 P. — 45563 L.**

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 23h 9m | 53°16' |
| 59 11-10 | | 58",9 G |
| 11-18 | | 63,3 G |
| 11-23 | | 61,3 G |

**33442 P. (suite).**

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| III. | 23h 10m | 53°12' |
| 73 9-19 | 19s,76 M | 8",1 M |
| 74 9-19 | 19,82 M | 8,7 M |
| 75 10-8 | 19,80 M | 9,0 M |

**33443 P. — 45558 L.**

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 23h 8m | 98°34' |
| 37 8-25 | | 14",8 F |
| 8-27 | 48s,72 G | 14,9 F |
| 9-11 | 48,86 G | 15,1 F |
| 10-11 | 48,66 G | 13,3 F |
| 10-12 | 48,71 G | |
| 40 10-31 | | 15,6 F |
| 11-1 | 48,66 G | |
| 11-6 | 48,71 G | 18,2 F |
| 41 10-12 | 48,85 G | |
| 46 10-21 | | 15,7 G |
| 11-13 | | 16,1 G |
| II. | 23h 9m | 98°29' |
| 55 8-16 | | 20",4 G |
| 9-8 | 35s,54 G | |
| III. | 23h 10m | 98°24' |
| 78 9-11 | 22s,05 M | 27",8 M |

**33444 P. — 45555 L.**

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 23h 9m | 109°38' |
| 58 9-12 | | 10",3 G |

**33445 P. — 45574 L.**

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| III. | 23h 10m | 51°43' |
| 74 10-27 | 25s,74 M | 20",4 M |
| 10-31 | 25,57 M | 21,3 M |

**33446 P. — 47575 L.**

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 23h 9m | 49°12' |
| 67 11-2 | 44s,43 M | 4",3 M |
| 11-7 | 44,27 M | 3,0 M |
| III. | 23h 10m | 49°7' |
| 68 10-20 | 26s,53 M | 9",9 M |

**33447 P. — 45570 L.**

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 23h 9m | 65°13' |
| 58 9-19 | 45s,02 G | |
| 61 11-2 | | 33",9 G |
| III. | 23h 10m | 65°8' |
| 79 10-12 | 28s,67 G | 39",5 G |

Dates 1800 + — Positions moyennes pour les époques du Catal.

### 33448 P. — 45562 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 23h 9m | 97° 55′ |
| 56 9-25 | 42s,46 G | 34",4 G |

### 33449 P. — 45561 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 23h 9m | 108° 55′ |
| 57 9- 9 | | 42",8 G |
| 61 10-24 | 45s,62 G | 41,8 G |

### 33450 P. — 45578 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 23h 10m | 56° 47′ |
| 81 10-14 | 34s,23 J | 35",1 J |

### 33451 P. — 45565 à 69 L.

6 γ Poissons.

Étoile fondamentale.

### 33452 P. — 45573 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 23h 9m | 89° 36′ |
| 42 10-10 | 10s,61 G | |
| | II. | |
| | 23h 9m | 89° 31′ |
| 55 11-11 | 56s,83 G | |
| | III. | |
| | 23h 10m | 89° 27′ |
| 79 10- 7 | 42s,84 M | 0",3 M |
| 10-11 | 42,92 M | 0,5 M |

### 33453 P. — 45579 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 23h 10m | 62° 59′ |
| 74 10-10 | 43s,18 G | 25",7 G |
| 10-12 | 43,08 G | 25,5 G |

### 33454 P. — 10965 Rümker.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 23h 10m | 85° 19′ |
| 58 8-23 | | 12",7 G |

### 33455 P. — 3086 Br.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 23h 9m | 19° 57′ |
| 52 12- 8 I | | 25",2 F |
| 12-10 | | 23,6 F |
| 12-10 I | | 24,6 G |
| 12-10 I | | 25,0 F |
| 12-11 | | 22,5 G |
| 12-11 I | | 23,8 G |
| 12-11 I | | 25,2 F |

### 33455 P. (suite).

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 23h 9m | 19° 57′ |
| 52 12-13 I | | 28",4 F |
| 12-15 | | 22,8 G |
| 12-15 | | 25,1 F |
| 12-17 | | 24,9 F |
| 12-18 | | 23,3 G |
| 12-18 | | 22,2 F |
| 12-19 | | 22,6 F |
| 12-19 I | | 25,8 F |
| 12-28 I | | 22,3 G |

### 33456 P. — 45576 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 23h 10m | 95° 11′ |
| 56 11- 6 | | 52",1 G |
| 58 9- 9 [1] | | 52,4 F |
| 60 11- 3 | 1s,78 G | 53,2 G |
| | III. | |
| | 23h 10m | 95° 7′ |
| 79 9-30 | 48s,20 M | 0",1 M |

[1] 𝒫 diminuée de 5'.

### 33457 P. — 45581 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 23h 10m | 69° 21′ |
| 58 9-10 | 4s,67 G | 10",0 G |

### 33458 P. — 45587 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 23h 10m | 51° 42′ |
| 73 10- 8 | 52s,47 G | 28",5 G |

### 33459 P. — 45577 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 23h 9m | 107° 1′ |
| 37 9- 4 | 19s,34 G | |
| 39 8-24 | 19,35 G | 2",4 F |
| 40 9-12 | 19,39 G | |
| 43 9- 2 [1] | | 2,8 G |
| 9- 6 | 19,32 G | |
| 9- 7 | 19,29 G | 3,9 F |
| | II. | |
| | 23h 10m | 106° 56′ |
| 58 9-11 | | 9",8 G |
| | III. | |
| | 23h 10m | 106° 51′ |
| 79 9-16 | 54s,11 J | 16",6 J |

[1] 𝒫 augmentée de 2' : erreur de réduct.

### 33460 P. — 45580 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 23h 10m | 83° 38′ |
| 56 9-26 | 9s,88 G | 43",1 G |
| 58 11- 4 | | 44,5 G |

### 33461 P. — 181 $W_1$.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 23h 9m | 104° 29′ |
| 41 10-19 | 21s,31 G | |
| 10-20 | 21,39 G | |
| 10-21 | 21,31 G | |

### 33462 P. — 45588-89 L

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 23h 10m | 52° 48′ |
| 66 10- 9 | 14s,84 G | 5",4 G |

### 33463 P. — 45598 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 23h 9m | 37° 37′ |
| 50 12- 3 | 39s,65 G | |
| | III. | |
| | 23h 11m | 37° 27′ |
| 81 10-22 | 0s,60 G | 37",4 G |
| 10-30 | 0,77 G | 37,5 G |

### 33464 P. — 45586 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 23h 10m | 76° 3′ |
| 56 9- 8 | 19s,40 G | |

### 33465 P. — 45582 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 23h 10m | 102° 28′ |
| 58 10- 8 | | 37",6 G |
| 12- 1 | 21s,34 G | 37,2 G |
| | III. | |
| | 23h 11m | 102° 23′ |
| 77 10-15 | 8s,45 M | 43",6 M |
| 10-20 | 8,57 M | 44,1 M |
| 11-13 | 8,45 M | 44,1 M |

### 33466 P. — 45585 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 23h 9m | 92° 21′ |
| 46 9- 4 | 37s,38 G | |
| | III. | |
| | 23h 11m | 92° 12′ |
| 78 10-12 | 10s,22 J | 3",2 J |
| 79 10-30 | 10,30 J | 4,5 J |

### 33467 P. — 45594 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 23h 9m | 62° 14′ |
| 43 7-31 | 42s,71 G | |
| 8- 8 | 42,77 G | 13",4 G |
| 8- 9 | 42,79 G | |
| 8-11 | 42,73 G | 14,0 F |
| 8-12 | 42,84 G | |
| 8-14 | | 13,5 G |
| | II. | |
| | 23h 10m | 62° 9′ |
| 58 11-10 | 26s,38 G | 19",1 G |

### 33468 P. — 45597 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 23h 10m | 60° 53′ |
| 58 8-30 [1] | 29s,86 G | 25",3 G |
| | III. | |
| | 23h 11m | 60° 48′ |
| 79 10-11 | 13s,63 G | 30",3 G |

[1] 𝒜 augmentée de 1s : erreur de réduct.

### 33469 P. — 10551 Y.F.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 23h 11m | 96° 14′ |
| 80 10-24 | 18s,20 J | 56",4 J |
| 11- 3 | 18,04 J | 56,5 J |

### 33470 P. — 45590 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 23h 10m | 98° 18′ |
| 55 9-10 | | 21",6 G |
| 58 8-15 | | 23,1 G |
| 9-11 | | 24,5 F |
| 61 11- 9 | 31s,78 G | 24,0 G |

### 33471 P. — 4025 Gr.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 23h 10m | 45° 35′ |
| 56 11- 3 | 41s,97 G | |

### 33472 P. — 45592-93 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 23h 9m | 100° 1′ |
| 37 9-15 | 50s,49 G | 42",9 F |
| 10- 3 | 50,56 G | |
| 10- 4 | 50,61 G | |
| 40 9-10 | 50,68 G | |
| 46 8-26 | 50,60 G | |
| 9-22 | 50,65 G | |
| 48 12-18 | 50,70 G | |
| 51 12-28 | 50,82 G | |
| 12-29 | 50,84 G | |
| 52 12-18 | 50,64 G | |
| 53 7-23 | 50,56 G | |
| | II. | |
| | 23h 10m | 99° 56′ |
| 54 10-31 | 37s,28 G | 47",3 G |
| 58 10- 6 | 37,59 G | 45,6 G |
| | III. | |
| | 23h 11m | 99° 51′ |
| 75 11- 2 | 24s,20 M | 52",8 M |
| 81 10- 5 | 24,45 J | 51,3 J |

### 33473 P. — 45603 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 23h 9m | 72° 32′ |
| 41 9-20 | 55s,06 G | |
| 12-17 | 55,00 G | |
| 12-20 | 54,97 G | |

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### 33473 P. (suite).

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| II. | 23h 10m | 72°27′ |
| 56 8-13 | | 28″,6 G |
| 8-30 | 39s,59 G | |
| 57 10-3 | 39,48 G | 27,5 G |
| 58 9-27 | 39,68 G | |
| 10-1 | 39,72 G | 27,7 G |

### 33474 P. — 199 W1.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| III. | 23h 11m | 96°11′ |
| 76 9-21 | 28s,04 M | 56″,3 M |
| 9-22[1] | 28,09 M | 57,3 M |

[1] 𝒫 augm. de 1″: erreur de réduct.

### 33475 P. — 45604 L.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| II. | 23h 10m | 98°4′ |
| 58 11-3 | 48s,91 G | |
| III. | 23h 11m | 97°59′ |
| 74 10-10 | 35s,49 M | 17″,3 M |

### 33476 P. — 45613-14 L.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| II. | 23h 10m | 56°42′ |
| 59 11-18 | | 60″,9 G |
| 11-19 | | 59,5 G |
| 66 9-28 | 56s,32 G | 61,5 G |
| 67 10-31 | | 60,0 G |
| III. | 23h 11m | 56°38′ |
| 73 10-9 | 39s,40 G | 6″,1 G |

### 33477 P. — 45607-08 L.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| II. | 23h 10m | 81°15′ |
| 56 10-1 | | 36″,5 G |
| 57 9-24 | | 37,3 G |
| III. | 23h 11m | 81°10′ |
| 79 10-7 | 40s,82 G | |
| 10-16 | | 42″,0 G |

### 33478 P. — 205 W1.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| II. | 23h 10m | 98°8′ |
| 64 9-27 | 54s,64 M | 34″,7 M |
| III. | 23h 11m | 98°3′ |
| 68 10-13 | 41s,22 M | 41″,0 M |
| 79 9-26 | 41,39 J | 40,2 J |
| 80 10-1 | 41,20 M | 43,9 M |

### 33479 P. — 45605 L.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| II. | 23h 10m | 115°46′ |
| 55 8-17 | 56s,08 G | |
| 58 10-30 | | 2″,0 G |
| III. | 23h 11m | 115°41′ |
| 80 9-10 | 44s,23 J | 6″,8 J |

### 33480 P. — 45621 L.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| III. | 23h 11m | 48°5′ |
| 68 11-6 | 45s,83 M | 54″,8 M |
| 72 9-30 | 45,71 M | 56,2 M |

### 33481 P. — 45620 L.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| II. | 23h 11m | 60°18′ |
| 57 12-18 | 5s,52 G | 16″,1 G |
| III. | 23h 11m | 60°13′ |
| 81 9-28 | 48s,79 M | 23″,6 M |

### 33482 P. — 45619 L.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| I. | 23h 10m | 65°58′ |
| 43 10-5 | 23s,37 G | |
| 10-23 | 23,08 G | |
| 10-24 | | 26″,0 G |
| III. | 23h 11m | 65°48′ |
| 81 9-28 | 51s,50 J | 39″,8 J |
| 9-29 | 51,66 J | 40,7 J |

### 33483 P. — 45612 L.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| II. | 23h 11m | 98°12′ |
| 58 11-3 | 7s,19 G | 2″,8 G |
| 59 10-5 | | 3,0 G |
| III. | 23h 11m | 98°7′ |
| 79 9-27 | 53s,72 J | 9″,0 J |

### 33484 P. — 45610 L.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| II. | 23h 11m | 109°36′ |
| 59 9-5 | | 22″,8 G |
| 61 9-27[1] | 6s,40 G | 23,6 G |
| 10-2 | 6,43 G | 23,3 G |
| III. | 23h 11m | 109°31′ |
| 78 9-12 | 54s,30 M | 28″,4 M |
| 10-22 | 54,09 M | 28,3 M |

[1] Æ augmentée de 2s: erreur de moy.

### 33485 P. — 45624 L.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| III. | 23h 11m | 47°7′ |
| 81 10-15 | 56s,77 G | 42″,5 G |

### 33486 P. — 45626 L.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| I. | 23h 10m | 41°49′ |
| 37 1-5[1] | 34s,40 G | 52″,2 F |
| 1-11[1] | 34,33 G | 51,5 F |
| 9-19[1] | 34,40 G | 50,6 F |
| 9-20[1] | 34,44 G | 49,9 F |
| 47 1-5 | 34,46 G | |

[1] Observations de distance polaire faites près du zénith sans indication de la position de l'observateur. On n'a pas tenu compte de la valeur de l'équation personnelle dans le calcul de la distance polaire.

### 33487 P. — 45618 L.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| II. | 23h 11m | 82°55′ |
| 57 9-25 | 12s,36 G | |
| 60 10-9 | 12,73 G | 49″,5 G |
| 62 9-20 | 12,28 G | 48,9 G |

### 33488 P. — 45623 L.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| II. | 23h 11m | 78°38′ |
| 58 10-5 | 21s,41 G | 34″,6 G |
| III. | 23h 12m | 78°33′ |
| 79 10-6 | 6s,56 M | 45″,0 M |

### 33489 P. — 45625 L.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| II. | 23h 11m | 63°9′ |
| 57 12-24 | 23s,43 G | |
| 58 11-1 | | 46″,1 G |
| 11-7 | 23,70 G | 45,8 G |

### 33490 P. — 329 Cordoba.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| I. | 23h 10m | 116°47′ |
| 43 9-23 | 34s,82 G | 21″,0 G |

### 33491 P. — 224 W2.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| I. | 23h 10m | 71°51′ |
| 40 8-31 | 42s,36 G | |

### 33492 P. — 45637 L.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| II. | 23h 11m | 57°15′ |
| 59 11-23 | | 10″,9 G |
| 62 9-15 | 29s,52 G | 9,7 G |
| 67 10-25 | | 8,4 G |
| III. | 23h 12m | 57°10′ |
| 80 10-24[1] | 12s,98 M | 16″,3 M |

[1] 𝒫 augmentée de 5″: erreur de moy.

### 33493 P. — 222 W1.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| II. | 23h 11m | 96°23′ |
| 55 9-23 | 30s,16 G | |

### 33494 P. — 45639 L.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| III. | 23h 12m | 66°24′ |
| 71 10-12 | 20s,10 G | |
| 74 10-13 | 20,22 G | 12″,6 G |
| 10-23 | | 13,7 G |

### 33495 P. — 45642 L.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| II. | 23h 11m | 52°49′ |
| 59 11-10 | | 57″,5 G |
| 67 10-30 | | 56,5 G |

### 33496 P. — 45640 L.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| II. | 23h 11m | 63°9′ |
| 57 12-24 | 37s,76 G | 31″,4 G |
| 58 11-7 | 37,92 G | |
| III. | 23h 12m | 63°4′ |
| 79 10-20 | 21s,54 G | 37″,3 G |

### 33497 P. — 10998 Rümker.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| II. | 23h 12m | 85°18′ |
| 61 10-11 | | 39″,4 G |

### 33498 P. — 45643 L.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| III. | 23h 12m | 56°59′ |
| 81 10-4 | 24s,52 J | 32″,9 J |
| 10-15 | 24,55 J | 32,6 J |

### 33499 P. — 45636 L.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| II. | 23h 11m | 85°34′ |
| 61 10-11 | 39s,39 G | |

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|---|---|---|

### 33499 P. (suite).

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | **III.** | |
| | $23^h 12^m$ | 85°29′ |
| 73 11- 3 | 25$^s$,24 M | |

### 33500 P. — 45634-35 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | **I.** | |
| | $23^h 10^m$ | 87°35′ |
| 41 8-18 | 53$^s$,78 G | |
| 42 10- 6 | 53,96 G | |
| 10- 7 | 54,01 G | |
| 10- 9 | 53,89 G | |
| 10-10 [1] | 53,71 G | |
| 10-11 | 53,95 G | |
| 10-13 | 53,80 G | |
| 10-20 | 53,76 G | |
| 10-28 | 54,00 G | |
| 45 7-22 [2] | 53,72 G | |
| 9-24 | 53,68 G | |
| 9-26 | 53,78 G | |
| 10- 5 | 53,84 G | |
| 10- 9 | 53,80 G | |
| 47 11-12 | 53,99 G | |
| 48 9- 9 | 53,73 G | |
| 9-17 | 53,67 G | |
| 9-26 | 53,86 G | |
| 50 11- 9 | 53,76 G | |
| 52 11- 8 | 53,97 G | |
| | **II.** | |
| | $23^h 11^m$ | 87°30′ |
| 56 10- 9 | 39$^s$,56 G | 54″,4 G |
| 57 10- 5 | 39,60 G | |
| 58 8-20 | 39,45 G | 54,4 G |
| 9-13 | 39,62 G | |
| 9-26 | 39,61 G | 54,1 G |
| 10- 9 | 39,99 G | |
| 10-15 | 39,55 G | |
| 10-16 | 39,65 G | |
| 10-17 | 39,70 G | |
| 10-20 | 39,63 G | |
| 10-29 | 39,62 G | |
| 11- 2 | 39,66 G | |
| 11- 4 | 39,72 G | |
| 11-19 | 39,75 G | |
| 11-28 | 39,96 G | |
| 59 9-11 | 39,73 G | |
| 9-18 | 39,51 G | |
| 11-19 | 39,92 G | |
| 11-21 | 39,61 G | |
| 60 9-11 | 39,71 G | |
| 9-12 | 39,76 G | |
| 10-29 | 39,57 G | 55,2 G |
| 11- 9 [3] | 40,11 G | |
| 11-10 | | 57,7 G |
| 61 10-15 | 39,75 G | 52,6 G |
| | **III.** | |
| | $23^h 12^m$ | 87°26′ |
| 72 10-29 | | 3″,6 G |
| 11- 7 [4] | 25$^s$,55 G | |
| 11- 8 [4] | 25,56 G | |

[1] 𝒜 diminuée de 2$^s$ : erreur de réduction.

[2] 𝒜 diminuée de 1$^m$.

[3] 𝒜 non comprise dans la moyenne.

[4] La déclinaison indiquée est complètement erronée : on a inscrit la hauteur au lieu de la déclinaison.

### 33501 P. — 8043 Albany.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | **III.** | |
| | $23^h 12^m$ | 85°30′ |
| 74 10-13 | 25$^s$,87 M | 46″,8 M |
| 80 9-16 | 25,89 M | 46,0 M |

### 33502 P. — 45628-29 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | **I.** | |
| | $23^h 10^m$ | 100°27′ |
| 37 9-11 | 53$^s$,85 G | 27″,4 F |
| 10-11 | 53,66 G | 24,6 F |
| 10-12 | 53,78 G | |
| 12- 4 | 53,61 G | |
| 12-17 | 53,67 G | |
| 38 9- 3 | | 23,2 F |
| 40 10-10 | 53,74 G | 27,2 F |
| 10-25 | 53,73 G | |
| 11-27 | | 27,3 F |
| 42 10-16 | 53,85 G | |
| 10-17 | 53,76 G | |
| 11-12 | 53,62 G | |
| 44 10-23 | 53,71 G | |
| 46 10-22 [1] | 53,75 G | |
| 48 12- 3 | 53,77 G | |
| 12-13 | | 26,6 G |
| 49 7- 9 [2] | 53,77 G | |
| 9-30 | 53,77 G | 26,1 G |
| 10- 1 | 53,72 G | |
| 51 7-17 | 53,64 G | |
| 9- 9 | 53,81 G | |
| 9-10 | | 26,0 G |
| 11- 3 | 53,71 G | |
| 52 9-25 | 53,81 G | |
| 9-26 | 53,83 G | |
| 12-17 | 53,77 G | |
| 53 8-19 | 53,55 G | |
| 9-16 | 53,56 G | |
| 11- 9 | 53,78 G | |
| | **II.** | |
| | $23^h 11^m$ | 100°22′ |
| 54 8-25 | 40$^s$,53 G | |
| 55 8-27 | 40,57 G | 31″,1 G |
| 57 11-27 | | 34,6 G |
| | **III.** | |
| | $23^h 12^m$ | 100°17′ |
| 77 10-26 | 27$^s$,45 M | 38″,0 M |

[1] 𝒜 augmentée de 1$^m$.

[2] 𝒜 augmentée de 50$^s$ : err. de moyenne

### 33503 P. — 45650 à 53 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | **III.** | |
| | $23^h 12^m$ | 48°54′ |
| 81 10-16 | | 30″,4 G |
| 10-19 | 27$^s$,80 G | 31,5 G |

### 33504 P. — 45599 et 638 L

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | **II.** | |
| | $23^h 11^m$ | 85°21′ |
| 57 11-30 | | 18″,0 G |
| | **III.** | |
| | $23^h 12^m$ | 85°16′ |
| 79 10- 4 | 29$^s$,21 M | 25″,4 M |

### 33505 P. — 45654 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | **III.** | |
| | $23^h 12^m$ | 52°59′ |
| 74 11- 4 | 30$^s$,22 M | 21″,3 M |
| 81 11- 4 | 30,28 M | 22,2 M |

### 33506 P. — 45633 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | **I.** | |
| | $23^h 10^m$ | 103°1′ |
| 40 10-13 | 56$^s$,54 G | |
| | **II.** | |
| | $23^h 11^m$ | 102°56′ |
| 54 11-11 | | 5″,8 G |
| 61 10-26 | 43$^s$,71 G | 7,6 G |
| | **III.** | |
| | $23^h 12^m$ | 102°51′ |
| 79 11- 2 | 30$^s$,69 J | 12″,9 J |

### 33507 P. — 45631 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | **II.** | |
| | $23^h 11^m$ | 104°12′ |
| 60 10- 6 | | 58″,7 G |

### 33508 P. — 45630 et 32 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | **I.** | |
| | $23^h 10^m$ | 104°18′ |
| 41 10-19 | 57$^s$,07 G | |
| 10-20 | 57,19 G | |
| 10-21 | 57,18 G | |
| | **II.** | |
| | $23^h 11^m$ | 104°13′ |
| 54 9- 3 | | 10″,9 G |
| 60 10- 6 | 44$^s$,63 G | 12,1 G |
| | **III.** | |
| | $23^h 12^m$ | 104°8′ |
| 78 9-19 | 32$^s$,44 M | 17″,4 M |
| 9-19 | 32,30 G | 18,5 G |
| 9-20 | 32,13 M | 17,2 M |
| 9-20 | 32,20 G | |
| 9-21 | 32,18 M | 19,6 M |
| 9-21 | 32,26 G | |
| 9-24 | 31,98 M | 19,3 M |
| 9-24 | 32,31 G | 17,7 G |
| 9-26 | 32,13 G | 18,9 G |
| 9-27 | 32,01 M | 17,7 M |
| 9-28 | 32,12 M | 18,9 M |
| 9-30 | 32,14 M | 18,1 M |
| 10- 2 | 32,04 M | 18,4 M |
| 10- 4 | 32,20 M | 18,1 M |
| 10-12 | 32,24 M | 18,9 M |
| 81 10- 4 | 32,10 M | 17,8 M |
| 10-22 | 32,11 M | 20,9 M |

### 33509 P. — 45661 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | **III.** | |
| | $23^h 12^m$ | 43°25′ |
| 81 10- 1 | 33$^s$,64 G | 16″,2 G |

### 33510 P. — 45649 L.

Étoile double à composantes très rapprochées ; nous n'avons trouvé aucune indication relativement à la composante observée.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | **II.** | |
| | $23^h 11^m$ | 65°33′ |
| 58 9-19 | 51$^s$,96 G | 8″,1 G |
| | **III.** | |
| | $23^h 12^m$ | 65°28′ |
| 80 10-11 | 35$^s$,74 M | 14″,6 M |
| 81 10-15 | 35,76 M | 15,8 M |

### 33511 P. — 45655 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | **III.** | |
| | $23^h 12^m$ | 56°57′ |
| 74 10-23 | 35$^s$,66 M | 18″,5 M |
| 81 10-17 | 35,80 M | 18,0 M |
| 10-29 | 35,90 M | 16,7 M |

### 33512 P. — 4897 A + 34°.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | **III.** | |
| | $23^h 12^m$ | 55°51′ |
| 81 10-18 | 36$^s$,76 J | 43″,0 J |

### 33513 P. — 45641 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | **II** | |
| | $23^h 11^m$ | 93°23′ |
| 57 11-11 | 51$^s$,07 G | 8″,9 G |
| 11-15 | 50,80 G | 7,8 G |
| | **III.** | |
| | $23^h 12^m$ | 93°18′ |
| 78 10-20 | 37$^s$,40 M | 12″,3 M |

### 33514 P. — 45659-60 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | **III.** | |
| | $23^h 12^m$ | 54°35′ |
| 68 10-22 | 40$^s$,51 G | |
| 10-28 | 40,57 G | 35″,6 G |
| 69 10-12 | 40,42 M | 35,3 M |

### 33515 P. — 232 W$_1$.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | **II.** | |
| | $23^h 11^m$ | 73°44′ |
| 58 9-11 | 55$^s$,77 G | 40″,3 G |

### 33516 P. — 45647 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | **II.** | |
| | $23^h 12^m$ | 108°50′ |
| 58 11-12 | 1$^s$,88 G | 27″,4 G |
| 60 10-27 | 1,82 G | 27,3 G |
| 61 10- 5 | 1,79 G | 27,4 G |

**33516 P. (suite).**

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 23$^h$ 12$^m$ | 108° 45′ |
| 78 11- 9 | 49$^s$,35 J | 33″,4 J |

**33517 P. — 45695 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 23$^h$ 11$^m$ | 15° 32′ |
| 53 1-24 I | 52$^s$,49 G | |
| 3-24 I | 52,33 G | |
| 4-27 I | 52,83 G | |

**33518 P. — 45656-57 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 23$^h$ 11$^m$ | 95° 58′ |
| 39 9-21 | 21$^s$,58 G | 12″,9 F |
| 40 9-25 | | 14,8 F |
| 11- 6 | 21,59 G | |
| 49 9- 3 | 21,85 G | |
| 50 10-12 | 21,84 G | |
| | II. | |
| | 23$^h$ 12$^m$ | 95° 53′ |
| 55 8-23 | 8$^s$,38 G | |
| 57 7-11 | | 22″,3 G |
| 58 10- 7 | | 18,8 G |
| 10-18 | 8,31 G | 18,8 G |
| 10-19 | 8,40 G | 18,7 G |
| | III. | |
| | 23$^h$ 12$^m$ | 95° 48′ |
| 76 9-23 | 55$^s$,04 M | 24″,1 M |
| 79 9- 1[1] | 55,26 G | 25,4 G |
| 80 10-25 | 55,23 J | 24,7 J |
| 10-30 | 55,04 J | 25,6 J |

[1] 𝒜 diminuée de 1$^m$ : erreur de réduct.

**33519 P. — 45662 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 23$^h$ 12$^m$ | 83° 32′ |
| 55 11-15 | 13$^s$,58 G | |
| 56 10- 5 | | 58″,1 G |
| | III. | |
| | 23$^h$ 12$^m$ | 83° 28′ |
| 71 10-10 | 59$^s$,33 M | 4″,1 M |

**33520 P. — 45668 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 23$^h$ 13$^m$ | 43° 18′ |
| 81 11-12 | 3$^s$,08 G | |

**33521 P. — 32279 Mn$_1$.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 23$^h$ 11$^m$ | 106° 37′ |
| 43 9- 1 | 32$^s$,40 G | 43″,4 G |
| 9- 2 | 32,47 G | 44,4 G |
| 9- 6 | 32,38 G | 44,5 F |
| 9- 7 | 32,36 G | |

**33522 P. — 45664 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 23$^h$ 12$^m$ | 84° 52′ |
| 55 11- 2 | 21$^s$,75 G | |
| | III. | |
| | 23$^h$ 13$^m$ | 84° 47′ |
| 71 10-12 | 7$^s$,43 M | 51″,6 M |
| 10-14 | 7,33 M | 49,6 M |

**33523 P. — 4030 Gr.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 23$^h$ 11$^m$ | 42° 21′ |
| 40 12-14[1] | 45$^s$,33 G | |

[1] 𝒜 augmentée de 0$^s$,13 : err. de moy.

**33524 P. — 45663 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 23$^h$ 12$^m$ | 100° 26′ |
| 58 9-12 | | 30″,1 G |
| 10- 8 | | 30,7 G |
| 59 11-11 | 22$^s$,29 G | 30,9 G |
| | III. | |
| | 23$^h$ 13$^m$ | 100° 21′ |
| 79 10- 7 | 8$^s$,97 M | 36″,1 M |

**33525 P. — 45670-71 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 23$^h$ 12$^m$ | 47° 37′ |
| 67 9-28 | 28$^s$,92 M | 56″,5 M |
| 10-28 | 28,99 M | 56,4 M |
| | III. | |
| | 23$^h$ 13$^m$ | 47° 33′ |
| 68 10-28 | 11$^s$,35 M | 1″,7 M |
| 11-16 | 11,39 M | 3,3 M |
| 72 9-17 | 11,36 M | 1,8 M |

**33526 P. — 4040 Gr.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 23$^h$ 12$^m$ | 17° 9′ |
| 53 1-24 I | 16$^s$,69 G | 26″,4 F |
| 4-17 I | 16,79 G | |
| 9-12 | 17,13 G | |
| 9-17 | 16,83 G | |
| 9-20 | 17,27 G | |
| 10-12 | 17,00 G | |

**33527 P. — 45675-76 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 23$^h$ 12$^m$ | 54° 56′ |
| 59 11-19 | | 22″,2 G |
| 61 10-14 | 39$^s$,43 G | 23,1 G |
| 67 10-28[1] | | 22,4 G |

**33527 P. (suite).**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 23$^h$ 13$^m$ | 54° 51′ |
| 68 10-13 | 22$^s$,49 G | |
| 73 10-16 | 22,39 G | 28″,0 G |
| 74 10- 3 | | 27,9 G |
| 10- 8 | | 29,7 G |
| 10-10 | 22,42 G | 28,7 G |
| 11- 5 | 22,44 M | 28,0 M |

[1] 𝒫 augmentée de 30′.

**33528 P. — 45666-67 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 23$^h$ 11$^m$ | 113° 40′ |
| 44 10-31 | 48$^s$,73 G | |
| | II. | |
| | 23$^h$ 12$^m$ | 113° 35′ |
| 57 10-26 | | 16″,9 G |
| 58 10-31 | 36$^s$,61 G | 18,6 G |
| | III. | |
| | 23$^h$ 13$^m$ | 113° 30′ |
| 79 10-20 | 24$^s$,54 J | 21″,8 J |
| 10-26 | 24,53 J | 23,8 J |
| 12-20[1] | 24,72 J | 23,5 J |

[1] 𝒜 diminuée de 0$^s$,12 : erreur de réduct.

**33529 P. — 45677 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 23$^h$ 12$^m$ | 55° 58′ |
| 59 11-18 | | 19″,7 G |
| 60 10- 4 | 41$^s$,25 G | 20,4 G |
| | III. | |
| | 23$^h$ 13$^m$ | 55° 53′ |
| 68 10-10 | 24$^s$,61 G | 24″,5 G |

**33530 P. — 45669 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 23$^h$ 12$^m$ | 93° 51′ |
| 57 9-15 | | 7″,8 G |
| | III. | |
| | 23$^h$ 13$^m$ | 93° 46′ |
| 78 10-13 | 26$^s$,74 M | 13″,0 M |
| 10-14 | 26,86 J | 11,8 J |
| 10-15 | 26,79 J | 12,7 J |

**33531 P. — 45672 à 74 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 23$^h$ 12$^m$ | 82° 46′ |
| 55 11-11 | 42$^s$,76 G | 55″,7 G |
| 56 10-28[1] | 42,72 G | 55,1 G |
| 57 8-27 | 42,86 G | |
| 9-19 | 42,77 G | 55,9 G |
| 10-16 | 42,88 G | |
| 58 8-27 | 42,65 G | 55,0 G |

[1] 𝒫 augmentée de 5′.

**33532 P. — 42678 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 23$^h$ 12$^m$ | 63° 16′ |
| 58 10-15 | | 14″,1 G |
| 61 10-12 | 44$^s$,89 G | 15,1 G |
| 62 9-17 | 45,07 G | 14,8 G |
| 9-22 | 44,66 G | 15,7 G |
| | III. | |
| | 23$^h$ 13$^m$ | 63° 11′ |
| 71 10-14 | 28$^s$,65 G | 21″,0 G |

**33533 P. — 252 à 254 W$_2$.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 23$^h$ 12$^m$ | 67° 1′ |
| 43 7-31 | 1$^s$,97 G | |
| 8- 9[1] | 2,05 G | |
| | II. | |
| | 23$^h$ 12$^m$ | 66° 56′ |
| 62 9-25 | 46$^s$,24 G | |

[1] Erreur de 1° dans la déclinaison approchée inscrite (distance des fils).

**33534 P. — 45690 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 23$^h$ 12$^m$ | 42° 13′ |
| 40 12-15 | 17$^s$,19 G | |
| | II. | |
| | 23$^h$ 12$^m$ | 42° 8′ |
| 67 11- 6 | 58$^s$,61 M | 30″,8 M |
| | III. | |
| | 23$^h$ 13$^m$ | 42° 3′ |
| 68 11-17 | 40$^s$,57 M | 35″,8 M |

**33535 P. — 45689 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 23$^h$ 13$^m$ | 51° 23′ |
| 81 10-14 | 45$^s$,82 J | 36″,4 J |
| 10-17 | 45,54 J | 38,9 J |

**33536 P. — 45682 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 23$^h$ 13$^m$ | 82° 42′ |
| 56 10-29 | 0$^s$,13 G | |
| 57 10-16 | 0,08 G | 48″,7 G |
| | III. | |
| | 23$^h$ 13$^m$ | 82° 37′ |
| 75 10-23 | 45$^s$,71 M | 55″,2 M |

**33537 P. — 45684 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 23$^h$ 13$^m$ | 70° 48′ |
| 57 9- 6 | 1$^s$,66 G | 19″,1 G |
| 58 8-26 | 1,74 G | 19,1 G |

### 33538 P. — 45680 L.

| Dates 1800 + A. | M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $23^h 13^m$ | 94° 40' |
| 56 | 9- 5 | $0^s,13$ G | |
| | | III. | |
| | | $23^h 13^m$ | 94° 35' |
| 76 | 10-16 | $46^s,95$ G | 57",8 G |
| | 10-18 | 47,03 G | |
| | 11-10 | 46,74 G | |
| 78 | 9-27 | 46,99 G | 56,4 G |
| 80 | 11- 3 | 47,03 J | 57,6 J |

### 33539 P. — 45683 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $23^h 13^m$ | 85° 27' |
| 56 | 10-19 | $2^s,39$ G | |
| | 10-25 | 2,36 G | |
| 57 | 10-15 | 2,26 G | |
| 58 | 8-12 | | 3",1 G |
| | 11- 4 | | 2,8 G |

### 33540 P. — 45696 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $23^h 12^m$ | 42° 28' |
| 40 | 12-14 | $25^s,71$ G | 5",9 F |
| 50 | 9-17 | 25,85 G | |
| | | III. | |
| | | $23^h 13^m$ | 42° 18' |
| 68 | 11-20 | $49^s,35$ M | 13",2 M |
| 74 | 9-19 | 49,38 M | 13,4 M |

### 33541 P. — 45691 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $23^h 13^m$ | 55° 56' |
| 80 | 9-16 | $50^s,15$ J | 36",2 J |
| | 10-11 | 50,24 J | 36,1 J |

### 33542 P. — 45686 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $23^h 13^m$ | 71° 27' |
| 56 | 9-16 | $5^s,50$ G | 9",9 G |
| 58 | 10- 2 | | 9,2 G |
| | | III. | |
| | | $23^h 13^m$ | 71° 22' |
| 80 | 9-29 | $50^s,20$ M | 15",0 M |
| | 10-12 | 50,06 M | 15,7 M |
| | 10-18 | 50,34 M | 16,5 M |
| | 10-25 | 50,44 M | 17,5 M |
| 81 | 10-14 | 50,42 M | 15,7 M |

### 33543 P. — 45700 à 03 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $23^h 13^m$ | 48° 41' |
| 58 | 11-11 | $13^s,12$ G | |

### 33543 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $23^h 13^m$ | 48° 36' |
| 79 | 9-26 | $55^s,69$ G | 21",9 G |
| | 9-27 | 55,57 G | 17,5 G |
| 80 | 11- 4 | 55,72 G | 21,3 G |
| 81 | 9-27 | 55,70 G | |

### 33544 P. — 45705-06 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $23^h 13^m$ | 47° 43' |
| 80 | 10-12 | $56^s,57$ G | |
| 81 | 10-29 | 56,66 G | 11",9 G |
| | 10-30 | 56,67 G | 10,2 G |

### 33545 P. — 45685 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $23^h 13^m$ | 93° 40' |
| 58 | 8-15 | | 53",7 G |
| | 8-27 | | 52,9 F |
| | 9- 9 | | 52,9 F |
| | 9-11 | | 52,9 F |
| | 9-27 | | 53,5 F |
| | 10-12 | $10^s,73$ G | |
| | | III. | |
| | | $23^h 13^m$ | 93° 35' |
| 78 | 10-12 | $57^s,17$ J | 59",9 J |

### 33546 P. — 45687-88 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $23^h 12^m$ | 85° 27' |
| 39 | 9-15 | $26^s,88$ G | |
| 41 | 9-10 | 26,77 G | |
| | 9-11 | 26,83 G | 49",4 F |
| | 9-13 | 26,68 G | |
| 48 | 12-10 | 26,72 G | 50,2 G |
| 49 | 10-18 | 26,97 G | |
| | 10-19 | 26,99 G | 49,9 G |
| | 10-25 | 26,81 G | |
| 53 | 10-23 | 26,85 G | |
| | | II. | |
| | | $23^h 13^m$ | 85° 22' |
| 55 | 9-17 | | 54",5 G |
| | 10-16 | $12^s,60$ G | |
| 56 | 8- 5 | 12,51 G | |
| | 9- 1 | 12,51 G | |
| | 10-19 | 12,63 G | |
| | 10-25 | 12,77 G | |
| | 10-30 | 12,59 G | |
| 57 | 9-21 | 12,64 G | |
| | 9-24 | | 55,7 G |
| | 10-15 | 12,86 G | |
| | 11- 4 | 12,49 G | |

### 33547 P. — 45694 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $23^h 13^m$ | 65° 19' |
| 58 | 9-10 | $14^s,80$ G | 55",9 G |
| | 9-25 | 14,87 G | 56,1 G |

### 33548 P. — 45709-10 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $23^h 13^m$ | 49° 0' |
| 67 | 12- 4 | $21^s,46$ M | 39",1 M |
| | | III. | |
| | | $23^h 14^m$ | 48° 55' |
| 79 | 9-25 | $3^s,90$ G | 43",8 G |
| | 10-12 | 4,05 G | 45,4 G |

### 33549 P. — 10578 Y.F.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $23^h 13^m$ | 99° 18' |
| 61 | 11- 9 | $19^s,33$ G | 57",1 G |
| | 11-23 | 19,57 G | |

### 33550 P. — 8055 Albany.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $23^h 12^m$ | 88° 55' |
| 48 | 10-25 | $34^s,96$ G | |
| | 10-26 | 34,95 G | 28",7 G |
| | 10-27 | 34,92 G | |

### 33551 P. — 45692 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $23^h 12^m$ | 99° 46' |
| 40 | 9-12 | $35^s,92$ G | |
| 41 | 12-17 | 36,03 G | |
| | 12-20 | 35,88 G | |
| | | II. | |
| | | $23^h 13^m$ | 99° 41' |
| 54 | 11-11 | $22^s,76$ G | |
| 57 | 9- 9 | | 8",4 G |
| 67 | 10-26 | 22,91 M | 8,5 M |

### 33552 P. — 45693 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $23^h 13^m$ | 97° 13' |
| 58 | 9-28 | $23^s,91$ G | |
| | 10-30 | | 0",6 G |
| 64 | 9-28 | 23,91 M | 0,2 M |

### 33553 P. — 45726 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $23^h 14^m$ | 33° 26' |
| 81 | 11- 4 | $13^s,51$ G | 25",2 G |
| | 11-28 | 13,05 G | 24,6 G |

### 33554 P. — 45698-99 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $23^h 12^m$ | 96° 45' |
| 46 | 8-26 | $41^s,35$ G | |

### 33554 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $23^h 13^m$ | 96° 40' |
| 57 | 8-10 | $27^s,64$ G | |
| 60 | 9-15 | 27,56 G | |
| | 10-20 | 27,65 G | |
| | 11- 3 | 27,79 G | 18",7 G |
| 61 | 10-17 | 27,72 G | 18,1 G |
| 65 | 9-15 | 27,63 M | 17,9 M |
| | | III. | |
| | | $23^h 14^m$ | 96° 35' |
| 80 | 10-24 | $14^s,26$ J | 25",3 J |

### 33555 P. — 45697 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $23^h 14^m$ | 97° 18' |
| 75 | 11- 2 | $15^s,18$ M | |
| 79 | 9-30 | 15,14 M | 28",3 M |
| | 10-11 | 15,24 M | 28,4 M |
| 80 | 9-10 | 15,16 J | 28,0 J |

### 33556 P. — 45718 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $23^h 14^m$ | 47° 30' |
| 80 | 9-28 | $18^s,61$ G | 14",4 G |
| | 9-30 | 18,93 G | 15,5 G |

### 33557 P. — 45704 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $23^h 13^m$ | 109° 18' |
| 54 | 10-30 | | 33",3 G |
| 59 | 10-17 | $33^s,94$ G | |
| 67 | 10-23 | 34,15 M | 34,6 M |
| | | III. | |
| | | $23^h 14^m$ | 109° 13' |
| 78 | 9-29 | $21^s,50$ M | 36",9 M |
| | 10-10 | 21,48 M | 39,0 M |

### 33558 P. — 45708 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $23^h 13^m$ | 101° 17' |
| 67 | 10-22 | $35^s,57$ M | 53",2 M |
| | | III. | |
| | | $23^h 14^m$ | 101° 12' |
| 77 | 10-13 [1] | $22^s,34$ M | 60",8 M |
| | 10-15 | 22,33 M | 58,1 M |
| | 11- 5 | 22,20 M | 59,0 M |

[1] 𝒜 augmentée de $1^s$ : erreur de $2^s$ sur trois fils.

### 33559 P. — 45741 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $23^h 12^m$ | 69° 39' |
| 37 | 9-15 | | 23",6 F |
| 39 | 8-24 | $56^s,60$ G | 26,4 F |
| | 9-10 | | 23,4 F |
| | 9-11 | | 24,8 F |
| 40 | 10-25 | 56,65 G | |

### 33559 P. (suite).

| Dates 1800+ A. M. J. | | AR | D |
|---|---|---|---|
| | | II. | |
| | | 23h13m | 69°34' |
| 58 | 11- 1 | 41s,16 G | 30",5 G |
| | 11-10 | | 29,8 G |
| | | III. | |
| | | 23h14m | 69°29' |
| 71 | 11-14 | 25s,61 G | |
| 74 | 9-14 | 25,75 G | 34",1 G |
| | 9-15 | 25,78 G | 36,0 G |
| | 9-19 | 25,72 G | 35,8 G |
| | 10- 6 | | 35,4 G |

### 33560 P. — 45714 L.

| Dates 1800+ A. M. J. | | AR | D |
|---|---|---|---|
| | | II. | |
| | | 23h13m | 70°55' |
| 56 | 8-13 | | 30",0 G |
| | 9- 8 | 42s,24 G | |
| 58 | 9-20 | 42,17 G | 29,8 G |

### 33561 P. — 45716-17 L.

| Dates 1800+ A. M. J. | | AR | D |
|---|---|---|---|
| | | I. | |
| | | 23h12m | 67°6' |
| 37 | 8-18 | 58s,24 G | 25",0 F |
| | 8-25 | 58,37 G | |
| | 8-27 | 58,35 G | |
| | 9- 8 | 58,33 G | 25,6 F |
| | 9- 9 | 58,27 G | 25,3 F |
| | 9-15 | 58,17 G | |
| | 9-19 | 58,23 G | 27,1 F |
| | 9-20 | 58,24 G | 24,7 F |
| | 9-23 | 58,32 G | 24,9 F |
| | 10- 3 | 58,24 G | |
| | 10- 4 | 58,26 G | |
| | 10- 9 | 58,18 G | |
| | 12-17 | 58,21 G | |
| 40 | 8-31 | 58,34 G | 21,7 F |
| | 10- 6 | 58,28 G | |
| | 10-31 | | 23,2 F |
| 41 | 8-18 | 58,23 G | |
| | 10-11 | 58,31 G | |
| | 10-12 | 58,34 G | |
| 42 | 9-13 | | 21,3 F |
| | 9-14 | | 24,0 F |
| | 10-16 | 58,29 G | |
| | 10-17 | 58,34 G | |
| | 10-20 | 58,35 G | |
| | 10-28 | 58,32 G | 22,8 F |
| 43 | 8- 8 | 58,34 G | 25,2 G |
| | 8- 9 | 58,35 G | |
| | 8-11 | 58,13 G | 26,7 F |
| | 8-12 | 58,25 G | 24,4 F |
| | 8-14 | | 26,6 G |
| 46 | 9- 5 | 58,24 G | |
| | 9- 6 | 58,41 G | |
| | 10-21 | 58,28 G | |
| | 11-13 | | 24,8 G |
| 48 | 12-18 | 58,22 G | |
| 52 | 10-30 | 58,18 G | |
| | | II. | |
| | | 23h13m | 67°1' |
| 57 | 12-27 | 42s,74 G | |
| 58 | 8-30 | 42,63 G | |
| | 9-15 | 42,48 G | |
| 59 | 11-18 | 42,77 G | |
| 61 | 11-19 | 42,59 G | 31",5 G |
| | 11-20 | 42,72 G | 31,1 G |
| 62 | 7-21 | 42,46 G | |

### 33561 P. (suite).

| Dates 1800+ A. M. J. | | AR | D |
|---|---|---|---|
| | | II. | |
| | | 23h13m | 67°1' |
| 62 | 9- 5 | 42s,55 G | |
| | 9-11 | 42,66 G | |
| | 9-18[1] | 42,61 G | 35",1 G |
| | 9-25 | | 32,0 G |
| | 10-16 | 42,70 G | 29,7 G |
| 63 | 9-15 | 42,60 G | |
| | 9-18 | 42,62 G | |
| | 9-27 | 42,71 G | 31,2 G |
| | 10-12 | 42,68 G | |
| | 10-16 | 42,69 G | |
| | 10-19 | 42,45 G | |
| | 10-25 | 42,61 G | |
| 64 | 1- 2 | | 30,9 G |
| | 1- 7 | | 27,1 G |
| | 9- 9 | 42,57 G | |
| | 9-11 | 42,71 G | |
| | 9-22 | 42,77 G | |
| | 9-23 | 42,70 G | |
| | 9-26 | 42,63 G | |
| | 9-29 | 42,59 G | |
| | 9-30 | 42,61 G | |
| | 10- 1 | 42,79 G | |
| | 10-20 | | 27,4 G |
| | 10-24 | 42,58 G | |
| | 10-27 | 42,65 G | |
| | 11- 4 | 42,61 G | |
| 65 | 9-19 | | 27,8 G |
| | 9-20 | | 30,6 G |
| | 9-21 | | 30,9 G |
| | 9-22 | | 31,7 G |
| | 10- 5 | 42,63 G | |
| | 10- 7 | 42,68 G | |
| | 10-23 | 42,65 G | |
| | 10-28 | 42,66 G | |
| | 11- 1 | 42,66 G | |
| | 11-12 | 42,65 G | |
| | | III. | |
| | | 23h14m | 66°56' |
| 72 | 9- 7 | 27s,12 G | |

[1] D non comprise dans la moyenne : *douteuse*.

### 33562 P. — 45712-13 L.

| Dates 1800+ A. M. J. | | AR | D |
|---|---|---|---|
| | | I. | |
| | | 23h12m | 88°23' |
| 49 | 9-21 | 55s,66 G | |
| | 9-23 | 55,77 G | |
| | 9-25 | 55,87 G | |
| | 9-26 | 55,88 G | |
| | | II. | |
| | | 23h13m | 88°18' |
| 55 | 11-26 | 41s,58 G | |
| 56 | 9- 1 | | 33",5 G |
| | 9- 2 | | 36,4 G |
| | | III. | |
| | | 23h14m | 88°13' |
| 71 | 9-19 | 27s,48 M | 39",6 M |

### 33563 P. — 11045 Rümker.

| Dates 1800+ A. M. J. | | AR | D |
|---|---|---|---|
| | | I. | |
| | | 23h13m | 24°25' |
| 46 | 4-31 | 13s,27 G | 53",0 G |

[1] D augm. de 1'10" : erreur de réduct.

### 33564 P. — 45720 L.

| Dates 1800+ A. M. J. | | AR | D |
|---|---|---|---|
| | | II. | |
| | | 23h13m | 62°19' |
| 58 | 9-24 | 44s,00 G | |
| 61 | 11-21 | 44,14 G | 21",1 G |
| | | III. | |
| | | 23h14m | 62°14' |
| 79 | 10-11 | 28s,20 G | 25",5 G |

### 33565 P. — 45715 L.

| Dates 1800+ A. M. J. | | AR | D |
|---|---|---|---|
| | | II. | |
| | | 23h13m | 75°43' |
| 57 | 9-13 | 43s,71 G | |
| 61 | 10-24 | 43,75 G | 1",6 G |
| | | III. | |
| | | 23h14m | 75°38' |
| 80 | 9-24 | 28s,81 M | 6",7 M |

### 33566 P. — 45725 L.

| Dates 1800+ A. M. J. | | AR | D |
|---|---|---|---|
| | | II. | |
| | | 23h13m | 53°57' |
| 59 | 11-10 | | 11",6 G |
| 62 | 9-19 | 47s,08 G | 9,6 G |
| | | III. | |
| | | 23h14m | 53°52' |
| 73 | 10- 8 | 30s,24 G | 17",6 G |
| | 10- 9 | 30,18 G | |

### 33567 P. — 45711 L.

| Dates 1800+ A. M. J. | | AR | D |
|---|---|---|---|
| | | I. | |
| | | 23h12m | 117°50' |
| 41 | 9-20 | 59s,60 G | |

### 33568 P. — 45724 L.

| Dates 1800+ A. M. J. | | AR | D |
|---|---|---|---|
| | | II. | |
| | | 23h13m | 74°3' |
| 57 | 10- 3 | 52s,28 G | 8",8 G |
| | | III. | |
| | | 23h14m | 73°58' |
| 79 | 10- 7 | 37s,58 G | |
| | 11-15 | 37,81 G | 17",2 G |

### 33569 P. — 45722-23 L.

| Dates 1800+ A. M. J. | | AR | D |
|---|---|---|---|
| | | II. | |
| | | 23h13m | 81°7' |
| 56 | 8-29 | | 1",9 G |
| | 9-23 | 53s,79 G | |
| | 10-25 | | 3,4 G |
| | | III. | |
| | | 23h14m | 81°2' |
| 72 | 10-29 | 39s,03 G | 9",4 G |

### 33570 P. — 45738 L.

| Dates 1800+ A. M. J. | | AR | D |
|---|---|---|---|
| | | III. | |
| | | 23h14m | 53°9' |
| 69 | 9-22 | 41s,55 M | 50",2 M |
| | 9-28 | 41,74 M | 49,8 M |

### 33571 P. — 45729-30 L.

| Dates 1800+ A. M. J. | | AR | D |
|---|---|---|---|
| | | II. | |
| | | 23h13m | 73°30' |
| 56 | 8- 7 | 57s,03 G | |
| 58 | 9- 8 | | 51",6 F |
| | 9-12 | | 52,5 G |
| | 9-27 | 56,79 G | 53,0 G |
| | 10- 1 | 56,83 G | 52,9 G |
| | 10- 5 | 56,93 G | 52,1 G |
| | 10- 9 | 57,13 G | |

### 33572 P. — 45735 L.

| Dates 1800+ A. M. J. | | AR | D |
|---|---|---|---|
| | | I. | |
| | | 23h13m | 60°25' |
| 52 | 11- 7 | 14s,68 G | |
| | | II. | |
| | | 23h13m | 60°20' |
| 57 | 12-18[1] | 58s,67 G | 53",2 G |
| | | III. | |
| | | 23h14m | 60°16' |
| 71 | 11-17 | 42s,14 G | |
| 74 | 9-14 | 42,22 M | 0",9 M |
| 76 | 9-22 | 42,31 G | 0,2 G |

[1] AR diminuée de 0s,10 : erreur de moy.

### 33573 P. — 45721 L.

| Dates 1800+ A. M. J. | | AR | D |
|---|---|---|---|
| | | II. | |
| | | 23h13m | 99°26' |
| 56 | 9-25[1] | 55s,52 G | 26",8 G |
| 57 | 9-18 | | 26,4 G |
| | 10-12 | | 25,7 G |
| | 11-15 | | 25,1 G |
| 58 | 9-26 | 55,78 G | 25,3 G |
| | | III. | |
| | | 23h14m | 99°21' |
| 79 | 9-16 | 42s,59 J | 30",8 J |
| | 9-26 | 42,48 J | 30,3 J |
| | 9-27 | 42,58 J | 30,9 J |

[1] D diminuée de 5".

### 33574 P. — 45736 L.

| Dates 1800+ A. M. J. | | AR | D |
|---|---|---|---|
| | | II. | |
| | | 23h13m | 61°55' |
| 58 | 10- 4 | 58s,93 G | 11",7 G |
| | | III. | |
| | | 23h14m | 61°50' |
| 79 | 11- 9 | 42s,89 G | 16",9 G |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜. — 𝒟.)

**33575 P. — 45719 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 23h13m | 104°7' |
| 41 | 10-19 | 9s,11 G | |
| | 10-20 | 9,32 G | |
| | 10-21 | 9,06 G | |
| | | II. | |
| | | 23h13m | 104°2' |
| 56 | 11-14 | 56s,17 G | 7",5 G |
| | | III. | |
| | | 23h14m | 103°57' |
| 78 | 10-31 | 43s,42 J | 13",6 J |
| | 11- 3 | 43,44 M | 13,8 M |

**33576 P. — 45727-28 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 23h14m | 96°52' |
| 68 | 10-12 | 47s,74 M | 36",5 M |
| 74 | 9-12 | 47,50 G | 37,3 G |
| | 10-27 | 47,49 G | 37,9 G |

**33577 P. — 45732-33 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 23h14m | 88°34' |
| 56 | 8-26 | 2s,20 G | 3",9 G |
| | 8-31 | 2,02 G | |
| | 9- 4 | 1,99 G | |
| 59 | 8-28 | | 4,6 G |

**33578 P. — 45743 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 23h14m | 46°33' |
| 72 | 9-30 | 49s,10 M | 60",1 M |
| 74 | 9-15 | 49,40 M | 59,9 M |
| | 10-16 | 49,34 M | 60,3 M |
| 81 | 10-18 | | 60,6 G |

**33579 P. — 45742 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 23h13m | 52°39' |
| 50 | 12- 3 | 25s,15 G | |
| | | II. | |
| | | 23h14m | 52°34' |
| 59 | 11-19 | | 52",6 G |
| 60 | 10-26 | 8s,38 G | |
| | 11-10 | 8,05 G | |
| 66 | 9-26[1] | 8,29 G | 53,0 G |
| | 10- 8 | 8,42 G | 53,1 G |
| | 10- 9[2] | 8,31 G | 53,5 G |
| | 10-16 | 8,28 G | 52,8 G |
| | 10-17[3] | 8,48 G | 53,6 G |
| 67 | 10-25 | | 53,1 G |
| | 11- 6 | | 53,2 G |

**33579 P. (suite).**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 23h14m | 52°30' |
| 73 | 10-13 | 51s,21 G | |
| | 11- 3 | 51,52 G | |
| 74 | 10-24 | 51,42 G | |
| 75 | 11-22 | 51,33 G | |

[1] 𝒟 diminuée de 10" : erreur de 20" sur l'un des deux microscopes lus.

[2] 𝒜 diminuée de 0s,77 : erreur de moy.

[3] 𝒜 augm. de 1s : correction indiquée comme probable par l'observateur.

**33580 P. — 45737 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 23h14m | 83°46' |
| 56 | 9-26 | 7s,85 G | 50",2 G |
| | | III. | |
| | | 23h14m | 83°41' |
| 80 | 9-28 | 53s,61 M | 59",0 M |

**33581 P. — 45739-40 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 23h14m | 81°19' |
| 57 | 9-20 | 9s,25 G | 50",6 G |
| | | III. | |
| | | 23h14m | 81°14' |
| 79 | 10- 6 | 54s,62 M | 55",6 M |

**33582 P. — 280 W1.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 23h14m | 95°21' |
| 80 | 10-30[1] | 54s,97 J | 22",0 J |

[1] 𝒟 diminuée de 1°.

**33583 P. — 45731 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 23h14m | 107°27' |
| 57 | 11-27 | | 18",5 G |
| 58 | 12- 1 | 7s,81 G | 18,2 G |
| | | III. | |
| | | 23h14m | 107°22' |
| 78 | 10-22 | 55s,12 M | 24",3 M |

**33584 P. — 45734 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 23h14m | 96°43' |
| 64 | 9-29 | 9s,12 M | 13",0 M |
| | | III. | |
| | | 23h14m | 96°38' |
| 79 | 10- 4 | 55s,59 M | 18",3 M |

**33585 P. — 45769 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 23h13m | 16°55' |
| 53 | 9-12 | 55s,88 G | |
| | 9-17 | 56,05 G | |
| | 9-20 | 56,21 G | |
| | 10-12 | 55,67 G | |

**33586 P. — 3104 Br.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 23h13m | 28°38' |
| 49 | 10-18 | | 5",4 G |

**33587 P. — 45746 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 23h15m | 55°14' |
| 68 | 10-22 | 10s,31 G | |
| 74 | 10-10 | 10,38 M | 25",1 M |
| | 10-14 | 10,31 M | 24,4 M |

**33588 P. — 4756 A + 24°.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 23h14m | 65°55' |
| 59 | 11-21 | 27s,77 G | |

**33589 P. — 45749 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 23h13m | 52°16' |
| 53 | 10-17 | 51s,20 G | |
| | | II. | |
| | | 23h14m | 52°11' |
| 59 | 11-18 | | 3",3 G |
| | 11-23 | | 2,4 G |
| 62 | 10-10 | 34s,09 G | 1,0 G |
| 66 | 9-15 | 33,87 G | |
| | 9-28 | 34,05 G | 1,3 G |
| | | III. | |
| | | 23h15m | 52°6' |
| 74 | 10-24 | 17s,00 M | 7",0 M |
| | 10-28 | 17,15 M | 7,7 M |

**33590 P. — 45751 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 23h14m | 54°15' |
| 67 | 10-31 | | 55",4 G |
| | | III. | |
| | | 23h15m | 54°11' |
| 68 | 10-28 | 20s,43 G | 0",2 G |
| | 10-29 | 20,41 G | 0,4 G |

**33591 P. — 45744 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | I. | |
| | | 23h13m | 103°17' |
| 43 | 8-27 | 46s,80 G | 49",5 G |
| | 8-27 | | 54,5 F |
| | 8-29 | 46,48 G | 51,7 G |
| | 8-29 | | 53,0 F |
| | | II. | |
| | | 23h14m | 103°12' |
| 59 | 9- 5 | | 55",5 G |
| | | III. | |
| | | 23h15m | 103°8' |
| 78 | 10-20 | 20s,56 M | 0",0 M |
| 79 | 10-27 | 20,35 J | 2,4 J |
| | 10-30[1] | 20,45 J | 1,8 J |
| 80 | 9-27 | 20,60 M | 0,9 M |

[1] 𝒜 diminuée de 0s,20 : erreur de réduct.

**33592 P. — 45745 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | III. | |
| | | 23h15m | 100°26' |
| 79 | 10- 7 | 21s,24 M | 43",6 M |
| 80 | 9-16 | 21,44 M | 43,0 M |
| 81 | 10-17 | 21,27 M | 44,8 M |

**33593 P. — 45747 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 23h14m | 77°34' |
| 56 | 8-30 | 36s,21 G | 44",5 G |
| 59 | 11-12 | 36,35 G | 44,9 G |

**33594 P. — 45748 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 23h14m | 65°49' |
| 59 | 11-19 | 37s,66 G | |
| | 11-21 | 37,59 G | |
| | | III. | |
| | | 23h15m | 65°44' |
| 71 | 10-12 | 21s,48 G | |
| 74 | 10-13 | 21,80 G | 17",2 G |

**33595 P. — 289 W1.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 23h14m | 97°14' |
| 64 | 9-27 | 39s,22 M | 59",8 M |

**33596 P. — 45750 L.**

| A. | M. J. | 𝒜. | 𝒟. |
|---|---|---|---|
| | | II. | |
| | | 23h14m | 83°31' |
| 56 | 10- 9 | 44s,99 G | 40",4 G |
| 57 | 11-30 | 45,20 G | 40,4 G |

### 33597 P. — 45755 L.

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 23h 15m | 46°35′ |
| 80 9-10 | 33s,81 G | 38",1 G |
| 9-27 | 33,92 G | 38,0 G |
| 10-11 | 34,13 G | 38,7 G |
| 11- 3 | 33,97 G | 38,3 G |
| 81 10-14 | 34,57 G | 38,7 G |
| 10-17 | 34,14 G | 38,1 G |

### 33598 P. — 45752 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 23h 15m | 83°5′ |
| 72 10-25 | 35s,37 G | 28",6 G |
| 74 10-12 | 35,34 M | 28,2 M |
| 10-28 | 35,44 G | 28,9 G |
| 11- 4 | 35,44 G | 29,5 G |
| 11- 5 | 35,41 G | 29,3 G |
| 75 10- 8 | 35,43 M | 28,2 M |
| 10-16 | 35,55 M | 28,5 M |

### 33599 P. — 299 W₂.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 23h 15m | 65°32′ |
| 80 10-14 | 36s,37 J | 15",6 J |
| 81 9-30 | 36,16 J | 15,2 J |

### 33600 P. — 45754 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h 14m | 70°7′ |
| 58 8- 6 | 51s,62 G | |
| 61 10- 4 | 51,50 G | 40",2 G |
| 10- 5 | 51,57 G | 39,8 G |
| 10-11 | 51,52 G | 42,2 G |

### 33601 P. — 45756 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h 14m | 65°32′ |
| 58 11- 4 | | 40",7 G |
| | III. | |
| | 23h 15m | 65°27′ |
| 80 10-18 | 40s,88 J | 46",9 J |
| 81 9-28 | 40,90 J | 46,6 J |
| 10- 1 | 40,75 J | 46,8 J |
| 10-19 | 40,93 J | 46,4 J |

### 33602 P. — 11061 Rümker.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 23h 14m | 115°5′ |
| 48 9- 9 | 6s,15 G | |
| 9-17 | 6,04 G | |

### 33603 P. — 45759 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 23h 15m | 54°6′ |
| 74 10-26 | 43s,44 M | 13",3 M |
| 80 9-30 | 43,38 M | 12,0 M |

### 33604 P. — 45763-64 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 23h 14m | 59°2′ |
| 48 12-13 | | 8",8 G |
| 49 9-30 | 21s,53 G | |
| 50 10-12 | 21,58 G | |
| 53 11-29 | 21,68 G | |
| | II. | |
| | 23h 15m | 58°57′ |
| 59 10-27 | | 15",4 G |
| 11-20 | | 16,2 G |
| 61 10-26 | 5s,22 G | 15,8 G |
| 11-17 | 5,16 G | |
| 67 10-23[1] | | 15,5 G |
| | III. | |
| | 23h 15m | 58°52′ |
| 68 10-10 | 48s,85 G | 19",6 G |
| 10-13 | 48,78 G | |

[1] 𝒟 diminuée de 2° : erreur de transcr.

### 33605 P. — 45760 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h 15m | 64°9′ |
| 57 10- 7 | 5s,71 G | 18",0 G |
| | III. | |
| | 23h 15m | 64°4′ |
| 71 10-23 | 49s,77 G | 23",9 G |

### 33606 P. — 45768 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 23h 14m | 62°9′ |
| 43 7-31 | 27s,65 G | |
| 8- 8 | 27,77 G | 2",2 G |
| 8-11 | 27,53 G | 1,2 F |
| 8-12 | 27,84 G | 2,2 G |
| 8-14 | | 1,1 G |
| | II. | |
| | 23h 15m | 62°4′ |
| 58 9- 8 | 11s,65 G | 7",8 G |
| 11-22 | 11,78 G | 7,1 G |

### 33607 P. — 45758 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h 15m | 91°10′ |
| 55 9-26 | 11s,05 G | 20",0 G |
| | III. | |
| | 23h 15m | 91°5′ |
| 78 10- 8 | 57s,57 J | 29",5 J |
| 10-15 | 57,55 J | 29,3 J |

### 33608 P. — 296 W₁.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 23h 14m | 97°38′ |
| 49 9- 3 | 25s,06 G | |

### 33609 P. — 45767 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h 15m | 71°21′ |
| 56 9-14 | | 29",2 G |
| 61 9-30 | 13s,96 G | 31,8 G |
| 62 9-15 | 13,98 G | 31,7 G |

### 33610 P. — 45771 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 23h 14m | 67°17′ |
| 40 10- 6 | 33s,45 G | |
| 41 12-17 | 33,20 G | |
| 12-20 | 33,18 G | |
| | III. | |
| | 23h 16m | 67°7′ |
| 81 10- 4 | 2s,15 J | 57",4 J |
| 10-15 | 2,17 J | 56,5 J |

### 33611 P. — 45766 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h 15m | 87°9′ |
| 55 11- 2 | 16s,45 G | 37",0 G |
| | III. | |
| | 23h 16m | 87°4′ |
| 71 10-12 | 2s,26 M | 44",0 M |

### 33612 P. — 45761-62 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 23h 14m | 105°53′ |
| 39 9-10 | | 20",0 F |
| 9-11 | | 21,6 F |
| 9-18 | 31s,34 G | |
| 40 9-10 | 31,45 G | 22,3 F |
| 9-11 | 31,71 G | 22,5 F |
| 43 8-31 | 31,28 G | 19,5 F |
| 9- 1 | 31,21 G | 20,7 G |
| 10- 5 | 31,30 G | |
| 10-18 | 31,45 G | 22,6 G |
| 10-19 | 31,35 G | 20,6 G |
| 49 10- 1 | | 21,1 G |
| 50 8-23 | | 20,2 G |
| 8-24 | 31,38 G | |
| 51 12-26 | | 21,5 G |
| 52 12-17 | 31,44 G | |
| | II. | |
| | 23h 15m | 105°48′ |
| 54 12- 2 | | 26",9 G |
| 58 8-20 | 18s,57 G | 24,4 G |
| 10-21 | 18,64 G | 24,9 G |
| 67 10-21 | 18,73 M | 26,4 M |
| | III. | |
| | 23h 16m | 105°43′ |
| 78 10-22 | 5s,96 J | 30",4 J |
| 11- 6 | 6,04 J | |
| 11- 9 | 5,92 J | 30,6 J |

### 33613 P. — 45772 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h 15m | 83°16′ |
| 57 8-13 | 26s,81 G | |
| 58 11-10 | | 46",0 G |

### 33613 P. (suite).

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 23h 16m | 83°11′ |
| 73 11- 3 | 12s,49 M | |
| 74 9- 9 | 12,31 G | 51",3 G |
| 9-17 | | 50,1 G |

### 33614 P. — 45765 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h 15m | 114°13′ |
| 55 9-25[1] | 24s,70 G | 1",4 G |
| 61 9-18 | 24,71 G | 2,6 G |
| | III. | |
| | 23h 16m | 114°8′ |
| 79 10-26 | 12s,50 J | 8",0 J |

[1] 𝒜 augmentée de 1m.

### 33615 P. — 45778 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h 15m | 61°19′ |
| 58 11- 7 | 31s,53 G | 57",2 G |
| | III. | |
| | 23h 16m | 61°15′ |
| 80 10- 1 | 15s,55 M | 4",2 M |

### 33616 P. — 45780 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h 15m | 64°50′ |
| 57 12-24 | 34s,21 G | 53",5 G |
| 59 11-14 | | 51,8 G |
| 60 10-27 | | 53,6 G |
| | III. | |
| | 23h 16m | 64°45′ |
| 79 9- 1 | 18s,31 G | |

### 33617 P. — 45784 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 23h 16m | 41°8′ |
| 80 10-24 | | 50",6 G |
| 81 10- 1 | 19s,53 G | 48,3 G |

### 33618 P. — 45786 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h 15m | 48°17′ |
| 67 11- 7 | 38s,57 M | 24",7 M |
| | III. | |
| | 23h 16m | 48°12′ |
| 80 10-24[1] | 21s,25 M | 27",0 M |

[1] 𝒟 diminuée de 1′.

### 33619 P. — 45776 L.

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. Æ. | 𝒫. |
|---|---|---|
| I. | 23h 14m | 87° 6′ |
| 47 10-15 | 50s,14 G | |
| 11-12 | 50,07 G | 31″,0 G |
| II. | 23h 15m | 87° 1′ |
| 56 9-27 | 35s,67 G | |
| 10- 1 | | 35″,0 G |
| 57 9-24 | | 35,1 G |
| 10- 5 | 35,63 G | |
| 10-15 | 35,82 G | 34,8 G |

### 33620 P. — 45773-74 L.

| Dates 1800+ A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 23h 14m | 110° 56′ |
| 37 9- 8 | 49s,58 G | |
| 9- 9 | 49,47 G | |
| 9-11 | 49,58 G | 45″,2 F |
| 10-11 | 49,37 G | 43,4 F |
| 10-12 | 49,13 G | |
| 10-25 | 49,53 G | |
| 40 9-20 | 49,52 G | |
| 10-25 | 49,53 G | |
| 11-27 | | 46,6 F |
| 42 10-16 | 49,56 G | |
| 10-17 | 49,36 G | |
| 45 9-24 | 49,38 G | |
| 9-26 | 49,25 G | |
| 10- 5 | 49,45 G | |
| 10- 9 | 49,36 G | |
| 46 9-22 | 49,39 G | |
| 10- 1 | 49,33 G | |
| 10-21 | | 46,2 G |
| 10-22 | 49,29 G | |
| 10-23 | 49,42 G | |
| 11- 4 | 49,39 G | |
| 12-24 | 49,38 G | |
| 47 7-12 | 49,21 G | |
| 48 12-13 | 49,18 G | |
| 50 10- 1 | 49,46 G | |
| 11- 6 | 49,39 G | |
| 52 8- 5 | | 44,6 F |
| 8-11 | | 44,8 F |
| 8-13 | | 43,9 F |
| 8-16 | | 45,1 F |
| 8-18 | | 43,9 F |
| 10-10 | 49,26 G | 45,3 F |
| 10-12 | | 44,8 F |
| 10-31 [1] | 49,75 G | |
| 12-18 | 49,14 G | |
| 53 7-23 | 49,26 G | |
| 9-20 [2] | | 45,9 F |
| 9-21 [2] | | 44,7 F |
| 9-24 [2] | | 45,5 F |
| 10-13 [2] | | 45,8 F |
| 10-25 [2] | | 46,2 F |
| II. | 23h 15m | 110° 51′ |
| 58 10-31 | | 51″,2 G |
| 60 9-11 | 36s,68 G | 51,2 G |
| III. | 23h 16m | 110° 46′ |
| 79 10-20 | 23s,99 J | 57″,2 J |

[1] Æ non comprise dans la moyenne : fils discordants.
[2] 𝒫 diminuée de 5′.

### 33621 P. — 45783 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 23h 14m | 70° 1′ |
| 39 9-15 | 57s,78 G | |
| 50 9-17 | 57,69 G | |
| 53 10- 8 | 57,74 G | |
| 11-10 | 57,91 G | |
| II. | 23h 15m | 69° 56′ |
| 56 9-16 | 42s,18 G | |
| 58 10- 2 | | 16″,6 G |
| 10- 8 | | 17,3 G |
| III. | 23h 16m | 69° 51′ |
| 79 9-27 | 27s,17 G | 21″,2 G |

### 33622 P. — 45775 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 23h 15m | 114° 9′ |
| 54 10-29 | | 33″,5 G |
| 61 9-18 | | 33,8 G |
| III. | 23h 16m | 114° 4′ |
| 81 9-28 | 27s,70 M | 35″,3 M |

### 33623 P. — 45788 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 23h 15m | 54° 17′ |
| 59 11-10 | | 26″,2 G |
| 11-19 [1] | | 32,3 G |
| 67 10-30 | | 25,2 G |
| III. | 23h 16m | 54° 12′ |
| 73 10-16 | 28s,58 G | 29″,4 G |
| 10-17 | 28,55 G | 31,4 G |
| 10-28 | 28,77 G | 30,2 G |

[1] 𝒫 non comprise dans la moyenne.

### 33624 P. — 45781 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 23h 14m | 88° 1′ |
| 41 9-10 | 58s,28 G | |
| 9-11 | 58,37 G | |
| 9-13 | 58,18 G | |
| 42 10- 6 | 58,36 G | |
| 10- 7 | 58,26 G | |
| 10- 8 | 58,20 G | |
| 10- 9 | 58,41 G | |
| 10-10 | 58,31 G | |
| II. | 23h 15m | 87° 56′ |
| 55 10- 8 | 44s,10 G | 54″,9 G |
| 58 8-12 | | 53,8 G |
| III. | 23h 16m | 87° 51′ |
| 71 10-23 | 30s,24 M | 60″,2 M |
| 72 10-23 | 30,24 M | 59,2 M |

### 33625 P. — 45787 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 23h 15m | 65° 49′ |
| 58 9-10 | 46s,29 G | 42″,5 G |
| 59 11-19 | 46,58 G | |
| 11-21 [1] | 45,49 G | |
| 60 10-27 | 46,51 G | |
| III. | 23h 16m | 65° 44′ |
| 71 10-14 | 30s,63 G | 47″,1 G |

[1] Æ non comprise dans la moyenne : erreur probable de 1s.

### 33626 P. — 45777 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 23h 15m | 101° 32′ |
| 54 8-25 | 43s,61 G | |
| 12- 6 | | 32″,0 G |
| III. | 23h 16m | 101° 27′ |
| 77 10-18 | | 30″,5 M |
| 10-19 | 31s,20 M | 30,8 M |
| 10-20 | 31,22 M | 31,6 M |
| 10-24 | 31,10 M | 30,2 M |
| 78 9-19 | 31,37 M | 29,2 M |
| 9-19 | 31,36 G | 29,4 G |
| 9-20 | 31,15 M | 30,2 M |
| 9-20 | 31,17 G | |
| 9-21 | 31,19 M | |
| 9-21 | 31,27 G | |
| 9-24 | 31,09 M | 27,8 M |
| 9-24 | 31,39 G | 28,6 G |
| 9-26 | 31,18 G | 30,1 G |
| 9-27 | 31,13 M | 29,5 M |
| 9-28 | 31,27 M | 30,5 M |
| 9-30 | 31,33 M | 29,4 M |
| 10- 2 | 31,13 M | 29,7 M |
| 10- 4 | 31,21 M | 28,8 M |
| 10-12 | 31,25 M | 30,3 M |

### 33627 P. — 45785 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 23h 15m | 70° 17′ |
| 49 9-17 | 2s,54 G | |
| 9-21 [1] | 2,51 G | |
| 9-25 | 2,69 G | |
| II. | 23h 15m | 70° 12′ |
| 58 11- 3 | 47s,43 G | 28″,2 G |
| 62 9-14 | 47,55 G | 28,6 G |

[1] Æ augmentée de 1m.

### 33628 P. — 45782 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| II. | 23h 15m | 97° 21′ |
| 56 9- 5 | 46s,85 G | 44″,4 G |
| 58 9- 9 | | 44,3 F |
| 10- 7 | | 44,3 G |
| 59 10- 5 | | 45,9 G |
| 64 9-26 | 46,87 M | 44,9 M |
| 9-28 | 46,97 M | 45,0 M |

### 33629 P. — 45779 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 23h 15m | 115° 27′ |
| 43 9-20 | 0s,21 G | 45″,1 F |
| 9-21 | 0,36 G | 47,0 F |
| 9-23 [1] | 0,38 G | 48,3 G |
| 9-26 | 0,28 G | |
| II. | 23h 15m | 115° 22′ |
| 58 10-29 [2] | 48s,02 G | |
| III. | 23h 16m | 115° 17′ |
| 79 12-20 [3] | 35s,88 J | 60″,7 J |
| 81 10- 4 | 35,70 M | 57,5 M |
| 10-15 | 35,60 M | 59,8 M |

[1] Æ augmentée de 10s : erreur de moy.
[2] Æ augmentée de 1s : erreur de moy.
[3] Æ diminuée de 0s,44 : erreur de réduct.

### 33630 P. — 45790 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| III. | 23h 16m | 72° 4′ |
| 80 10-25 | 41s,55 M | 33″,9 M |
| 81 10- 1 | 41,64 M | 32,2 M |
| 10-14 | 41,72 M | 32,3 M |

### 33631 P. — 45791-92 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 23h 15m | 78° 32′ |
| 42 10-28 | 15s,87 G | |
| 48 12-10 | 15,61 G | |
| 49 9-26 | 15,93 G | |
| 10-18 | 15,75 G | |
| 10-19 | 15,88 G | |
| 10-25 | 15,78 G | |
| II. | 23h 16m | 78° 27′ |
| 57 9- 6 | 0s,92 G | |
| 58 9- 8 | | 12″,3 F |
| 60 11- 3 | | 9,9 G |
| 61 10-14 | 0,97 G | 11,6 G |

### 33632 P. — 45789 L.

| A. M. J. | Æ. | 𝒫. |
|---|---|---|
| I. | 23h 15m | 100° 14′ |
| 48 10-25 | 14s,67 G | |
| 10-26 | 14,63 G | 3″,2 G |
| 10-27 | 14,65 G | |
| II. | 23h 16m | 100° 9′ |
| 54 9- 3 | | 6″,3 G |
| 57 9- 9 | | 8,0 G |
| 61 9-26 | 1s,54 G | 7,1 G |
| 10-19 | 1,36 G | 7,3 G |
| 67 10-23 | 1,35 M | 8,7 M |
| 10-26 | 1,53 M | 7,7 M |
| III. | 23h 16m | 100° 4′ |
| 78 9-12 | 48s,23 M | 13″,3 M |
| 10-10 | 48,06 M | 13,3 M |

Dates 1800 + — Positions moyennes pour les époques du Catal.

### 33633 P. — 45794 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h 16m | 74°41′ |
| 58 10- 5 | 3s,56 G | 40″,3 G |
| III. | 23h 16m | 74°36′ |
| 79 9-30 | 48s,50 M | 47″,9 M |

### 33634 P. — 11097 Rümker.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h 16m | 78°19′ |
| 60 11- 3 | 9s,95 G | |

### 33635 P. — 45795-96 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h 16m | 93°58′ |
| 57 9-15 | | 53″,0 G |
| 11-11 | 10s,81 G | 56,7 G |
| 58 9-11 | | 56,3 F |
| III. | 23h 16m | 93°54′ |
| 78 10-12 | 57s,00 J | 1″,3 J |
| 10-13 | 56,99 M | 1,0 M |

### 33636 P. — 45808 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h 16m | 36°27′ |
| 81 9-28 | 57s,48 G | 44″,6 G |
| 10-19 | 57,35 G | 44,9 G |

### 33637 P. — 3110 Br.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 23h 15m | 30°42′ |
| 49 10-25 | | 56″,8 G |
| 50 4-24 1 | 38s,86 G | |

### 33638 P. — 45806 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h 16m | 51°46′ |
| 59 11-18 | | 5″,8 G |
| 62 9-20 | 16s,17 G | 4,6 G |
| 9-22 | 16,30 G | 5,9 G |

### 33639 P. — 45798-99 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h 16m | 85°31′ |
| 55 11-15 | 15s,54 G | 33″,4 G |
| 59 8-28 | | 30,6 G |
| III. | 23h 17m | 85°26′ |
| 71 9-19[1] | 1s,44 M | 35″,5 M |

[1] 𝒜 diminuée de 0s,50 : erreur de moy.

### 33640 P. — 45801-02 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 23h 15m | 90°33′ |
| 41 9-20 | 34s,94 G | |
| II. | 23h 16m | 90°28′ |
| 55 10- 2 | 21s,04 G | |
| 57 7-11 | | 39″,9 G |
| 11-14 | 20,85 G | 37,4 G |
| III. | 23h 17m | 90°23′ |
| 76 10-16 | 7s,02 G | 42″,0 G |
| 10-18 | 7,24 G | 40,8 G |
| 11-10 | 7,27 G | 42,1 G |
| 78 10-14 | 7,12 J | 40,5 J |

### 33641 P. — 45809 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h 17m | 51°31′ |
| 73 9-19 | 8s,87 M | 29″,7 M |
| 74 10-13 | 8,80 M | 29,9 M |
| 10-27 | 8,84 M | 29,1 M |
| 11- 5 | 8,79 M | 29,7 M |

### 33642 P. — 8066 Albany.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h 16m | 87°3′ |
| 61 11-23[1] | 30s,88 G | 58″,8 G |

[1] Indiquée à tort 45805 L. à l'obs. de passage. Le cahier-minute porte ★ h = 44°6′.

### 33643 P. — 69 Piazzi (Centre).

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 23h 15m | 99°18′ |
| 39 9-21 | | 32″,6 F |

### 33644 P. — 69 Piazzi (2e).

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 23h 15m | 99°18′ |
| 39 8-24 | 43s,43 G | 32″,4 F |
| 9-10 | | 32,0 F |
| 9-11 | | 32,2 F |

### 33645 P. — 45804 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h 16m | 108°33′ |
| 54 9- 8 | | 27″,3 G |
| 11-11 | 31s,59 G | |
| 58 11- 2 | 31,61 G | |
| III. | 23h 17m | 108°28′ |
| 79 9-16 | 18s,83 J | 32″,1 J |

### 33646 P. — 45805 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h 17m | 113°0′ |
| 81 10-18 | 21s,61 M | 48″,3 M |
| 10-19 | 21,81 M | 50,1 M |

### 33647 P. — 45803 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h 16m | 118°2′ |
| 55 9- 7 | 34s,26 G | |
| 58 10-30 | | 58″,3 G |
| 61 10- 2 | 34,27 G | 58,0 G |

### 33648 P. — 45807 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 23h 15m | 112°37′ |
| 39 9-11 | | 17″,1 F |
| 9-13 | | 15,7 F |

### 33649 P. — 45811 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h 16m | 65°27′ |
| 57 10-24 | 45s,63 G | 59″,4 G |
| 58 9-19 | 45,99 G | 61,1 G |
| 9-24 | 45,59 G | |
| 10-15 | 45,81 G | 61,4 G |
| 60 10-22 | 45,76 G | |
| 61 10-17 | 45,64 G | 60,2 G |

### 33650 P. — 45817 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h 17m | 38°34′ |
| 80 10-25 | 31s,61 G | 58″,5 G |
| 81 10-16 | 31,90 G | 58,8 G |
| 10-22 | 31,57 G | 57,2 G |

### 33651 P. — 6297 Sf. — 18°.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h 16m | 108°28′ |
| 58 11- 2 | 44s,47 G | |

### 33652 P. — 45810 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h 16m | 98°19′ |
| 55 9- 8 | 50s,24 G | |
| 12-19 | | 6″,4 G |
| 58 9-28 | 50,25 G | 6,9 G |

### 33653 P. — 45815 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 23h 16m | 58°19′ |
| 48 12-11 | | 13″,7 G |
| 12-18 | 11s,03 G | |
| 52 10-30 | 10,91 G | |
| 53 7-21 | | 11,4 G |

### 33653 P. (suite).

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h 16m | 58°14′ |
| 66 10- 9 | 54s,97 G | |
| 10-15 | 55,00 G | 16″,0 G |
| 10-16 | | 14,5 G |
| 10-17[1] | 55,03 G | 15,8 G |
| III. | 23h 17m | 58°9′ |
| 73 10- 8 | 39s,01 G | 20″,1 G |
| 10- 9 | 38,86 G | 19,5 G |

[1] 𝒫 diminuée de 1″ : erreur de réduct.

### 33654 P. — 45814 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h 16m | 65°31′ |
| 58 9-19 | 56s,15 G | |
| 10-15 | 55,77 G | |
| 61 10-18 | 56,13 G | 5″,8 G |
| III. | 23h 17m | 65°26′ |
| 80 9-24 | 40s,34 M | 11″,4 M |

### 33655 P. — 340 $W_2$.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h 16m | 69°24′ |
| 58 10-19 | 57s,37 G | |

### 33656 P. — 45812-13 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h 16m | 85°50′ |
| 55 10-16 | 56s,53 G | 9″,0 G |
| 57 8-27 | 56,77 G | |
| 9-19 | 56,50 G | 11,3 G |
| 58 8-27 | 56,39 G | 8,5 G |
| III. | 23h 17m | 85°45′ |
| 72 10-25 | 42s,28 G | 16″,0 G |

### 33657 P. — 45820 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h 17m | 44°19′ |
| 80 10-18 | 41s,92 G | 2″,8 G |

### 33658 P. — 45832 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h 17m | 36°39′ |
| 81 10-31 | 52s,65 G | 16″,5 G |
| 11- 9 | 52,65 G | 17,5 G |

### 33659 P. — 45846 L.

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝔇. |
|---|---|---|
| I. | $23^h16^m$ | 87°8' |
| 47 11-12 | 22s,31 G | |
| II. | $23^h17^m$ | 87°3' |
| 61 11-20[1] | 8s,02 G | 5",7 G |
| 11-21[1] | 8,17 G | 5,5 G |

[1] 𝒜 dim. de 1m : erreur de transcript.

### 33660 P. — 45821 L.

| A. M. J. | 𝒜. | 𝔇. |
|---|---|---|
| II. | $23^h17^m$ | 61°5' |
| 58 8-30 | 10s,95 G | 43",2 G |
| 11-10 | 10,80 G | 41,3 G |
| 60 10- 6 | 10,95 G | 42,3 G |

### 33661 P. — 338 $W_1$.

| A. M. J. | 𝒜. | 𝔇. |
|---|---|---|
| II. | $23^h17^m$ | 95°58' |
| 58 9-26 | 12s,95 G | |

### 33662 P. — 45818 L.

| A. M. J. | 𝒜. | 𝔇. |
|---|---|---|
| I. | $23^h16^m$ | 84°39' |
| 41 10-12 | 29s,02 G | |
| 12-17 | 28,94 G | |
| 12-20 | 28,77 G | |
| II. | $23^h17^m$ | 84°34' |
| 56 8-26 | 14s,39 G | 55",6 G |
| 9- 1 | 14,47 G | |
| 57 9-21 | 14,55 G | |
| 58 9-13 | 14,34 G | 56,4 G |

### 33663 P. — 45825 L.

| A. M. J. | 𝒜. | 𝔇. |
|---|---|---|
| II. | $23^h17^m$ | 62°25' |
| 58 9-15 | 17s,28 G | |
| 10- 4 | 17,48 G | 25",5 G |
| III. | $23^h18^m$ | 62°20' |
| 79 10-12 | 1s,59 G | 30",8 G |

### 33664 P. — 45822 L.

| A. M. J. | 𝒜. | 𝔇. |
|---|---|---|
| II. | $23^h17^m$ | 71°47' |
| 56 9- 8 | 18s,78 G | |
| 58 9-11 | 18,82 G | 8",1 G |
| 9-20 | | 8,6 G |
| 9-27 | 18,76 G | 8,9 G |
| 10- 9 | | 8,3 G |

### 33665 P. — 45816 L.

| A. M. J. | 𝒜. | 𝔇. |
|---|---|---|
| III. | $23^h18^m$ | 118°2' |
| 79 10-27 | 3s,86 J | 13",7 J |
| 81 10-29[1] | 4,83 M | 13,3 M |

[1] 𝒜 non comprise dans la moyenne : erreur probable de 1s.

### 33666 P. — 45824 L.

| A. M. J. | 𝒜. | 𝔇. |
|---|---|---|
| II. | $23^h17^m$ | 76°17' |
| 56 8-13 | | 18",2 G |
| 57 10- 3 | 21s,31 G | 17,5 G |
| 58 8-26 | 21,36 G | 17,4 G |

### 33667 P. — 45829 L.

| A. M. J. | 𝒜. | 𝔇. |
|---|---|---|
| II. | $23^h17^m$ | 69°21' |
| 58 10-19 | 22s,26 G | 11",0 G |
| 11- 1 | 22,11 G | 11,7 G |

### 33668 P. — 45831 L.

| A. M. J. | 𝒜. | 𝔇. |
|---|---|---|
| I. | $23^h16^m$ | 67°5' |
| 43 10-23 | 38s,96 G | |
| 10-24 | | 23",8 G |
| II. | $23^h17^m$ | 67°0' |
| 57 12-18 | 23s,65 G | 28",2 G |
| III. | $23^h18^m$ | 66°55' |
| 79 10- 7 | 7s,76 G | |
| 10-16 | 7,79 G | |
| 10-20 | 7,73 G | 32",0 G |
| 10-27 | 7,76 G | 32,0 G |

### 33669 P. — 45830 L.

| A. M. J. | 𝒜. | 𝔇. |
|---|---|---|
| III. | $23^h18^m$ | 66°41' |
| 80 10-30 | 7s,89 J | 29",0 J |
| 81 10-14 | 8,31 J | 29,5 J |
| 10-17 | 7,94 J | 30,3 J |
| 10-18 | 7,86 J | 30,2 J |

### 33670 P. — 45835 L.

| A. M. J. | 𝒜. | 𝔇. |
|---|---|---|
| III. | $23^h18^m$ | 49°4' |
| 68 11- 6 | 9s,66 M | 21",5 M |
| 72 9-17 | 9,36 M | |
| 9-30 | 9,41 M | 23,9 M |

### 33671 P. — 45833 L.

| A. M. J. | 𝒜. | 𝔇. |
|---|---|---|
| III. | $23^h18^m$ | 59°56' |
| 73 11- 3 | 9s,80 G | |
| 74 9-12 | 9,78 G | 2",3 G |
| 9-19 | 9,92 G | 2,2 G |
| 10- 3 | | 3,0 G |
| 10-10 | 9,82 M | 3,4 M |
| 10-10 | 9,65 G | |
| 10-27 | 9,67 G | 1,9 G |
| 11- 4 | 9,81 M | 2,2 M |

### 33672 P. — 45834 L.

| A. M. J. | 𝒜. | 𝔇. |
|---|---|---|
| II. | $23^h17^m$ | 55°26' |
| 59 10-27 | | 14",4 G |
| 11-19 | | 13,8 G |
| 61 10-24 | 26s,71 G | 13,3 G |
| 62 9-19 | 26,60 G | 12,6 G |
| 9-25 | 26,44 G | 13,3 G |

### 33673 P. — 45823 L.

| A. M. J. | 𝒜. | 𝔇. |
|---|---|---|
| II. | $23^h17^m$ | 92°30' |
| 56 9-25 | 25s,85 G | 30",8 G |
| 57 8-10 | 25,80 G | |
| 9-18 | | 31,3 G |
| 10-16 | | 30,8 G |
| 11-15 | 25,70 G | 31,1 G |

### 33674 P. — 45819 L.

| A. M. J. | 𝒜. | 𝔇. |
|---|---|---|
| I. | $23^h16^m$ | 112°17' |
| 45 9-24 | 36s,79 G | |
| 9-26 | 36,70 G | |
| 10- 5 | 36,90 G | |

### 33675 P. — 344 $W_1$.

| A. M. J. | 𝒜. | 𝔇. |
|---|---|---|
| II. | $23^h17^m$ | 87°3' |
| 56 9- 1 | | 9",2 G |
| 9-23 | | 11,5 G |

### 33676 P. — 45862 L.

| A. M. J. | 𝒜. | 𝔇. |
|---|---|---|
| III. | $23^h18^m$ | 44°42' |
| 81 10-29 | 18s,05 G | 14",4 G |
| 11-12 | 18,05 G | 15,4 G |

### 33677 P. — 10499 Brux.

| A. M. J. | 𝒜. | 𝔇. |
|---|---|---|
| II. | $23^h17^m$ | 95°48' |
| 56 12-27 | 34s,76 G | |

### 33678 P. — 347 $W_1$.

| A. M. J. | 𝒜. | 𝔇. |
|---|---|---|
| II. | $23^h17^m$ | 82°56' |
| 56 9-26 | 36s,62 G | |

### 33679 P. — 45839 L.

| A. M. J. | 𝒜. | 𝔇. |
|---|---|---|
| III. | $23^h18^m$ | 59°58' |
| 71 10-23 | 22s,61 G | 28",4 G |
| 74 9- 9 | 22,78 M | 28,6 M |
| 10- 6 | | 27,5 G |
| 10-31 | 22,76 M | 27,9 M |

### 33680 P. — 45847 L.

| A. M. J. | 𝒜. | 𝔇. |
|---|---|---|
| I. | $23^h17^m$ | 33°18' |
| 50 12- 6 | 6s,42 G | |
| 53 3-12 I | | 55",3 G |

### 33681 P. — 45837 L.

| A. M. J. | 𝒜. | 𝔇. |
|---|---|---|
| II. | $23^h17^m$ | 82°53' |
| 56 9-26 | 43s,16 G | |
| 10-21 | | 10",8 G |
| III. | $23^h18^m$ | 82°48' |
| 74 10-28 | 28s,61 G | |
| 11- 5 | 28,85 G | 17",9 G |
| 75 10-23 | 28,71 M | 17,9 M |

### 33682 P. — 45836 L.

| A. M. J. | 𝒜. | 𝔇. |
|---|---|---|
| II. | $23^h17^m$ | 95°58' |
| 58 9-26 | 46s,39 G | 46",6 G |
| III. | $23^h18^m$ | 95°53' |
| 75 11- 2 | 32s,73 M | 50",5 M |

### 33683 P. — 45840 L.

| A. M. J. | 𝒜. | 𝔇. |
|---|---|---|
| II. | $23^h17^m$ | 65°16' |
| 58 11-22 | 49s,76 G | 17",1 G |
| III. | $23^h18^m$ | 65°11' |
| 79 11- 9 | 34s,06 G | 23",4 G |

### 33684 P. — 45838 L.

| A. M. J. | 𝒜. | 𝔇. |
|---|---|---|
| II. | $23^h17^m$ | 108°51' |
| 58 12- 1 | 51s,08 G | 51",0 G |
| 67 10-26 | 51,19 M | 53,5 M |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (α, δ)

**33684 P. (suite).**

| A. M. J. | α | δ |
|---|---|---|
| III. | $23^h18^m$ | 108°46′ |
| 78 9-18 | 38$^s$,48 M | 55″,6 M |
| 10-20 | 38,56 M | 55,7 M |

**33685 P. — 45843 L.**

| A. M. J. | α | δ |
|---|---|---|
| II. | $23^h17^m$ | 54°24′ |
| 59 11-10 | | 22″,7 G |
| 11-18 | | 23,0 G |
| 60 9-15 | 55$^s$,85 G | 22,9 G |
| III. | $23^h18^m$ | 54°19′ |
| 80 9-29 | 39$^s$,28 M | 25″,3 M |
| 9-30 | 39,34 M | 26,7 M |

**33686 P. — 6008 Sf. — 7°.**

| A. M. J. | α | δ |
|---|---|---|
| I. | $23^h17^m$ | 97°50′ |
| 49 9-3[1] | 7$^s$,34 G | |

[1] Erreur de 2° dans la déclinaison approchée inscrite. Observée sur le même calage que 296 W$_1$.

**33687 P. — 45845 L.**

| A. M. J. | α | δ |
|---|---|---|
| I. | $23^h17^m$ | 58°28′ |
| 49 9-17 | 16$^s$,16 G | |
| 9-21 | 16,26 G | |
| 9-23 | 16,22 G | |
| II. | $23^h17^m$ | 58°22′ |
| 66 9-26 | 60$^s$,00 G | 60″,3 G |
| 9-28 | 59,87 G | 61,4 G |
| 10-8 | 60,06 G | 59,7 G |
| III. | $23^h18^m$ | 58°18′ |
| 80 10-25 | 43$^s$,83 J | 5″,6 J |
| 81 11-15 | 43,71 J | 4,8 J |

**33688 P. — 45842 L.**

| A. M. J. | α | δ |
|---|---|---|
| II. | $23^h18^m$ | 85°50′ |
| 57 9-20 | 3$^s$,70 G | 47″,1 G |
| III. | $23^h18^m$ | 85°45′ |
| 74 11-4 | | 52″,0 G |

**33689 P. — 45844 L.**

| A. M. J. | α | δ |
|---|---|---|
| III. | $23^h18^m$ | 84°35′ |
| 74 10-12 | 52$^s$,10 G | |
| 10-13 | 52,01 G | |
| 79 10-4 | 52,05 M | 53″,5 M |
| 10-6 | 52,05 M | 53,7 M |

**33690 P. — 45841 L.**

| A. M. J. | α | δ |
|---|---|---|
| I. | $23^h17^m$ | 104°51′ |
| 43 8-29 | 19$^s$,26 G | 54″,4 G |
| 8-29 | | 54,9 F |
| 8-31 | 19,31 G | 53,0 F |
| 9-1 | 19,19 G | |
| 9-2 | 19,26 G | 55,1 G |
| 9-6 | 19,23 G | 54,5 F |
| 9-7 | 19,25 G | |
| II. | $23^h18^m$ | 104°46′ |
| 58 8-20 | 6$^s$,11 G | 59″,1 G |
| 9-27[1] | | 59,1 F |
| 10-21 | 6,22 G | 59,2 G |

[1] δ augmentée de 20″ : erreur de moy.

**33691 P. — 367 W$_2$.**

| A. M. J. | α | δ |
|---|---|---|
| II. | $23^h18^m$ | 67°15′ |
| 59 10-22 | 12$^s$,92 G | |
| 11-19 | 12,91 G | |
| 11-21 | 13,34 G | |

**33692 P. — 45848 L.**

| A. M. J. | α | δ |
|---|---|---|
| II. | $23^h18^m$ | 84°43′ |
| 55 11-2 | 14$^s$,34 G | 38″,7 G |
| III. | $23^h19^m$ | 84°38′ |
| 73 11-3 | 0$^s$,16 M | |
| 75 10-16 | 0,42 M | 44″,6 M |

**33693 P. — 45849 L.**

| A. M. J. | α | δ |
|---|---|---|
| II. | $23^h18^m$ | 75°4′ |
| 56 8-30 | 22$^s$,99 G | 46″,0 G |
| 58 9-12 | | 46,3 G |
| 10-1 | 23,01 G | 45,5 G |
| 59 11-12 | 23,02 G | 47,3 G |

**33694 P. — 45851 L.**

68 υ Pégase.

Étoile fondamentale.

**33695 P. — 45854 L.**

| A. M. J. | α | δ |
|---|---|---|
| I. | $23^h17^m$ | 62°39′ |
| 43 8-9 | 41$^s$,66 G | |
| 46 10-22 | 41,65 G | |
| 10-23 | 41,80 G | |
| II. | $23^h18^m$ | 62°34′ |
| 58 9-8 | | 36″,2 G |
| 9-10 | 25$^s$,75 G | 35,6 G |

**33695 P. (suite).**

| A. M. J. | α | δ |
|---|---|---|
| III. | $23^h19^m$ | 62°29′ |
| 79 9-27 | 10$^s$,20 G | 40″,7 G |

**33696 P. — 4134 Kazan.**

| A. M. J. | α | δ |
|---|---|---|
| I. | $23^h18^m$ | 11°16′ |
| 53 3-13 | 15$^s$,41 G | |

**33697 P. — 45857 L.**

| A. M. J. | α | δ |
|---|---|---|
| III. | $23^h19^m$ | −58°13′ |
| 81 11-4 | 12$^s$,28 J | 2″,3 J |

**33698 P. — 45855 L.**

| A. M. J. | α | δ |
|---|---|---|
| II. | $23^h18^m$ | 73°7′ |
| 57 9-13 | 29$^s$,91 G | |
| 58 8-6 | 30,30 G | |
| 10-2 | | 2″,2 G |
| 10-8 | | 2,6 G |

**33699 P. — 45858 L.**

| A. M. J. | α | δ |
|---|---|---|
| II. | $23^h18^m$ | 54°36′ |
| 67 10-31 | | 15″,8 G |
| III | $23^h19^m$ | 54°31′ |
| 74 10-16 | 16$^s$,00 M | 19″,7 M |
| 81 9-28 | 16,09 M | 19,3 M |
| 10-4 | 16,08 M | 18,5 M |

**33700 P. — 4 Cassiopée.**

| A. M. J. | α | δ |
|---|---|---|
| I. | $23^h17^m$ | 28°34′ |
| 37 1-5 | 58$^s$,52 G | 2″,0 F |
| 1-11 | 58,68 G | 5,3 F |
| 53 5-10 | | 1,3 F |
| 10-13 | | 4,2 F |
| 10-25 | | 3,7 F |
| II. | $23^h19^m$ | 28°29′ |
| 54 8-22 | | 6″,5 G |

**33701 P. — 45859 L.**

| A. M. J. | α | δ |
|---|---|---|
| III. | $23^h19^m$ | 64°29′ |
| 80 10-18 | 22$^s$,73 J | 60″,2 J |
| 81 9-28 | 22,88 J | 59,2 J |
| 10-31 | 22,69 J | 59,2 J |

**33702 P. — 45864 L.**

| A. M. J. | α | δ |
|---|---|---|
| II. | $23^h18^m$ | 41°7′ |
| 67 11-6 | 42$^s$,21 M | 24″,4 M |

**33703 P. — 32401 Mn$_1$.**

| A. M. J. | α | δ |
|---|---|---|
| II. | $23^h18^m$ | 69°23′ |
| 58 10-19 | 42$^s$,48 G | |

**33704 P. — 45861 L.**

| A. M. J. | α | δ |
|---|---|---|
| I. | $23^h17^m$ | 65°53′ |
| 43 9-29[1] | 58$^s$,52 G | 50″,9 F |
| 10-5 | 58,70 G | |
| 10-18 | 58,64 G | 48,6 G |
| 10-19 | 58,58 G | 46,8 G |
| II. | $23^h18^m$ | 65°48′ |
| 58 10-17 | 42$^s$,89 G | 51″,4 G |
| 11-7 | 42,99 G | 51,4 G |

[1] δ diminuée de 1° 1′ : erreur de réduct.

**33705 P. — $b^2$ Verseau.**

| A. M. J. | α | δ |
|---|---|---|
| I. | $23^h17^m$ | 111°29′ |
| 37 9-11 | 54$^s$,02 G | 26″,3 F |
| 10-11 | 53,79 G | 25,1 F |
| 10-12 | 53,64 G | |
| 40 11-27 | | 26,9 F |
| 42 10-17 | 53,87 G | |
| 10-20 | 53,83 G | |
| 10-24 | 53,71 G | |
| 10-28 | 53,88 G | 24,8 F |
| 46 9-22 | 53,69 G | |
| 10-21 | 53,77 G | 27,2 G |
| 11-4 | 53,80 G | |
| 48 12-10[1] | 53,86 G | |
| 12-11 | 53,73 G | |
| 12-13 | 53,64 G | |
| 49 9-25 | 53,91 G | |
| 9-26 | 53,89 G | |
| 52 12-18 | 53,69 G | |
| 53 7-23 | 53,74 G | |

[1] α augmentée de $1^m$.

**33706 P. — 45860 L.**

| A. M. J. | α | δ |
|---|---|---|
| II. | $23^h18^m$ | 81°51′ |
| 55 11-26 | 46$^s$,45 G | |
| 56 9-2 | | 15″,8 G |
| III. | $23^h19^m$ | 81°46′ |
| 71 10-12 | 31$^s$,92 M | 20″,6 M |

Dates 1800+ — Positions moyennes pour les époques du Catal.

### 33707 P. — 45856 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 23h 18m | 118° 11′ |
| 58 10-29 | 45s,06 G | 39",1 G |
| 10-31 | 45,03 G | 43,5 G |

### 33708 P. — 45883-84 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | III. | |
| | 23h 19m | 37° 42′ |
| 81 11- 4 | 47s,69 G | 24",5 G |

### 33709 P. — 45870 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | III. | |
| | 23h 19m | 62° 59′ |
| 81 10-19 | 48s,25 J | 46",9 J |

### 33710 P. — 45866-67 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 23h 19m | 81° 50′ |
| 55 9-17 | | 20",8 G |
| 11-11 | 2s,68 G | 23,0 G |
| 11-26 | 2,89 G | |
| 57 10- 5 | 2,68 G | |

### 33711 P. — 45865 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 23h 19m | 103° 43′ |
| 54 11-11 | 2s,01 G | |
| 58 9- 9 | | 11",5 F |
| 60 11-10 | | 12,1 G |
| 61 10-26 | 2,06 G | 11,5 G |
| 62 9-17 | 2,36 G | 12,1 G |

### 33712 P. — 45871-72 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | III. | |
| | 23h 19m | 62° 58′ |
| 71 10-14 | 49s,44 G | 44",3 G |
| 74 9-19 | 49,46 M | 43,7 M |
| 10-12 | 49,47 M | 45,6 M |
| 75 10- 8 | 49,54 M | 45,4 M |

### 33713 P. — 45886 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 23h 19m | 51° 25′ |
| 59 10-27 | | 47",5 G |
| 11-18 | | 46,1 G |
| 11-19 | | 46,2 G |
| 62 9- 8 | 14s,86 G | 44,2 G |
| | III. | |
| | 23h 19m | 51° 20′ |
| 69 9-22 | 58s,29 M | 48",3 M |

### 33714 P. — 45873 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 23h 19m | 86° 25′ |
| 57 9-24 | | 47",3 G |
| 61 9-26 | 12s,89 G | |
| | III. | |
| | 23h 19m | 86° 20′ |
| 79 9-30 | 58s,59 M | 52",3 M |

### 33715 P. — 45868 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | I. | |
| | 23h 18m | 112° 35′ |
| 39 9-10 | | 31",1 F |
| 9-11 | | 34,1 F |
| 9-18 | 24s,86 G | |
| 10- 8 | 24,70 G | |
| 41 9-20 [1] | 24,94 G | |
| 48 12-10 | | 35,0 G |
| | II. | |
| | 23h 19m | 112° 30′ |
| 58 11-10 | | 35",6 F |

[1] Désignée à tort comme 81 Piazzi (dist des fils).

### 33716 P. — 45877 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 23h 19m | 97° 22′ |
| 55 9-26 | 19s,94 G | 36",7 G |
| 57 10-12 | | 33,3 G |
| 58 10- 7 | | 33,3 G |
| 59 10- 5 | | 35,4 G |
| | III. | |
| | 23h 20m | 97° 17′ |
| 79 10-26 | 6s,37 J | 39",2 J |
| 10-30 | 6,64 J | 39,6 J |

### 33717 P. — 45878-79 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 23h 19m | 82° 7′ |
| 56 8-29 | | 0",2 G |
| 57 11-30 | 21s,28 G | 0,9 G |
| | III. | |
| | 23h 20m | 82° 2′ |
| 72 10-25 | | 8",7 G |
| 74 9-17 | | 6,9 G |
| 9-25 [1] | | 8,8 G |
| 10- 8 [1] | | 8,1 G |
| 81 10- 5 | 6s,89 M | 9,8 M |

[1] P augmentée de 1′.

### 33718 P. — 45876 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 23h 19m | 100° 48′ |
| 54 9-21 | 20s,30 G | 11",4 G |
| 58 11- 2 | 20,25 G | |

### 33718 P. (suite).

| A. M. J. | Æ. | P. |
|---|---|---|
| | III. | |
| | 23h 20m | 100° 43′ |
| 77 10-13 | 7s,02 M | 18",0 M |
| 10-15 | 7,06 M | 16,8 M |
| 10-16 | 7,02 M | 15,4 M |
| 10-26 | 7,11 M | 17,5 M |
| 78 9-19 | 7,18 M | 16,0 M |
| 9-19 | 7,18 G | 16,6 G |
| 9-20 | 6,88 M | 15,3 M |
| 9-20 | 7,02 G | |
| 9-21 | 7,20 M | 16,0 M |
| 9-21 | 6,99 G | |
| 9-24 | 7,02 M | 16,3 M |
| 9-24 | 7,14 G | 16,3 G |
| 9-26 | 7,04 G | 16,3 G |
| 9-28 | 7,09 M | 14,2 M |
| 9-30 | 7,06 M | 16,4 M |
| 10- 2 | 6,94 M | 15,6 M |
| 10- 4 | 7,05 M | 15,1 M |
| 10-12 | 7,03 M | 16,1 M |
| 10-15 | 7,05 M | 15,2 M |
| 10-22 | 7,03 M | 17,1 M |

### 33719 P. — 45880 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 23 19m | 96° 0′ |
| 55 9- 8 | 25s,28 G | |
| 58 9-11 | | 6",8 F |
| 9-26 | 25,19 G | 7,8 G |

### 33720 P. — 45890 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 23h 19m | 73° 15′ |
| 57 9- 6 | 28s,08 G | 32",4 G |

### 33721 P. — 45885 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 23h 19m | 101° 48′ |
| 54 8-27 | | 4",3 G |
| | III. | |
| | 23h 20m | 101° 43′ |
| 80 10-24 | 15s,88 M | 14",2 M |

### 33722 P. — 45894 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 23h 19m | 88° 17′ |
| 58 11-10 | | 29",8 G |
| 59 8-28 | | 29,8 G |
| 60 10- 6 | 34s,47 G | 30,6 G |
| 62 9-22 | 34,35 G | 30,2 G |

### 33723 P. — 45897 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | III. | |
| | 23h 20m | 58° 56′ |
| 73 10- 9 | | 23",2 G |
| 10-17 | 22s,80 G | 22,9 G |
| 10-28 | 22,77 G | 22,7 G |

### 33724 P. — 45892 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 23h 19m | 106° 1′ |
| 54 8-29 | 38s,33 G | |
| 9- 5 | | 0",7 G |

### 33725 P. — 397 W₂.

| A. M. J. | Æ. | P. |
|---|---|---|
| | I. | |
| | 23h 18m | 67° 9′ |
| 43 10-23 | 56s,43 G | |
| 10-24 [1] | | 20",9 G |
| 46 8-26 | 56,42 G | |

[1] P augmentée de 1′.

### 33726 P. — 45900 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 23h 19m | 61° 43′ |
| 58 9-24 | 42s,92 G | 50",2 G |
| 10-15 | 42,82 G | 50,2 G |

### 33727 P.

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 23h 19m | 89° 28′ |
| 57 10-16 | 42s,73 G | |
| 61 9-30 | | 9",4 G |

### 33728 P. — 45895-96 L.

8 κ Poissons.

Étoile fondamentale.

### 33729 P. — 45909 et 12 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | III. | |
| | 23h 20m | 37° 31′ |
| 81 10-21 | | 10",3 G |

### 33730 P. — 405 W₂.

| A. M. J. | Æ. | P. |
|---|---|---|
| | III. | |
| | 23h 20m | 45° 21′ |
| 81 10-22 | 37s,64 G | 8",5 G |

### 33731 P. — 45913 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | III. | |
| | 23h 20m | 49° 38′ |
| 81 10-19 | 41s,41 G | 27",2 G |

### 33732 P. — 45908 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | I. | |
| | 23h 19m | 65° 26′ |
| 40 10-10 | 15s,04 G | |
| 41 10-12 | 15,23 G | |
| 12-20 | 15,08 G | |

Dates 1800+ A. M. J. — Positions moyennes pour les époques du Catal. Æ. D.

**33732 P. (suite).**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 23h19m | 65°21' |
| 58 11- 1 | 59s,51 G | 58",8 G |

**33733 P. — 45904 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 23h20m | 77°39' |
| 58 11- 3 | 0s,36 G | 24",0 G |
| III. | 23h20m | 77°34' |
| 79 10- 7 | 45s,62 M | 29",2 M |

**33734 P. — 45905-06 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 23h19m | 89°43' |
| 37 8-25 | 18s,32 G | |
| 10- 9 | 18,37 G | |
| 39 9-10 | | 41",2 F |
| 9-11 | | 40,7 F |
| 9-13 | | 40,4 F |
| 40 11- 6 | 18,30 G | |
| 41 9-10 | 18,40 G | |
| 9-11 | 18,52 G | 40,7 F |
| 9-13 | 18,37 G | |
| 46 9- 6¹ | 18,47 G | |
| 48 12-13 | | 41,8 G |
| 49 9-30 | 18,40 G | |
| 10- 1 | 18,42 G | |
| 10-18 | 18,43 G | 41,6 G |
| 10-19 | 18,62 G | 41,3 G |
| 50 9-21 | | 42,2 G |
| 51 11- 5 | 18,37 G | |
| II. | 23h20m | 89°38' |
| 56 8-26 | 4s,48 G | 44",6 G |
| 57 9-25 | 4,43 G | |
| 61 10- 2 | | 45,8 G |

¹ Æ augmentée de 1m.

**33735 P. — 45907 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 23h20m | 103°41' |
| 59 10-17 | 9s,01 G | |
| 61 10-19 | 8,91 G | 55",6 G |
| III. | 23h20m | 103°36' |
| 78 10- 3 | 55s,91 M | 59",5 M |

**33736 P. — 45917, 18 et 36 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 23h20m | 82°42' |
| 55 11-15 | 12s,00 G | 14",0 G |
| 58 9-13 | 12,01 G | 12,7 G |
| III. | 23h20m | 82°37' |
| 79 10- 7 | 57s,65 G | |

**33737 P. — 45920 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 23h20m | 71°33' |
| 58 9-27 | 14s,16 G | 18",4 G |

**33738 P. — 45922-23 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 23h20m | 52°42' |
| 81 10-14 | 59s,86 J | 23",9 J |

**33739 P. — 3121 Br.**

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 23h19m | 20°10' |
| 52 12- 8 I | | 3",7 F |
| 12-10 | | 4,3 F |
| 12-10 I | | 4,0 G |
| 12-10 I | | 3,1 F |
| 12-11 | | 2,3 G |
| 12-11 I | | 3,6 G |
| 12-11 I | | 2,8 F |
| 12-13 I | | 6,8 F |
| 12-15 | | 2,1 G |
| 12-15 | | 4,1 F |
| 12-17 | | 3,6 F |
| 12-18 | | 2,6 G |
| 12-18 | | 2,7 F |
| 12-19 | | 2,5 F |
| 12-20 I | | 2,7 F |
| 12-28 I | | 4,7 G |

**33740 P. — 45924-25 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 23h21m | 52°39' |
| 73 10- 8 | 4s,12 G | 56",8 G |
| 11- 3 | 4,06 G | |
| 74 10-12 | 4,16 G | 54,6 G |
| 80 10-30 | 4,03 J | 56,6 J |

**33741 P. — 45930 à 32 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 23h19m | 47°56' |
| 50 9-17 | 40s,00 G | |

**33742 P. — 6018 Sf. — 7°.**

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 23h19m | 97°49' |
| 49 9- 3¹ | 36s,27 G | |

¹ Erreur de 2° dans la déclinaison approchée inscrite. Observée sur le même calage que 296 $W_1$ et 6008 Sf. — 7°.

**33743 P. — 45929 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 23h19m | 65°22' |
| 41 10-12 | 43s,99 G | |
| 12-17 | 43,69 G | |
| 12-20 | 43,57 G | |

**33743 P. (suite).**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 23h20m | 65°18' |
| 58 10- 4 | 28s,15 G | 1",8 G |
| 11- 1 | 28,28 G | |
| III. | 23h21m | 65°13' |
| 79 10-16¹ | 12s,65 G | 4",1 G |

¹ Æ dim. de 0s,40 : err. de 1s sur deux fils.

**33744 P. — 45927 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 23h20m | 88°53' |
| 58 8-23 | 33s,26 G | 1",3 G |
| 61 10-24 | 33,39 G | 0,8 G |

**33745 P. — 422 $W_2$.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 23h20m | 69°22' |
| 58 10-19 | 35s,69 G | |

**33746 P. — 45940 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | 23h21m | 45°19' |
| 80 11- 4 | 22s,76 G | |

**33747 P. — 45939 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 23h20m | 61°32' |
| 58 11-19 | | 7",3 G |

**33748 P. — 45934-35 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 23h20m | 85°1' |
| 56 10-30 | 38s,69 G | |
| 57 12-18 | 39,00 G | 53",9 G |
| III. | 23h21m | 84°56' |
| 79 11- 9 | 24s,38 G | 59",8 G |

**33749 P. — 45928 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 23h20m | 106°4' |
| 54 9- 1 | | 6",8 G |
| 9- 6¹ | 37s,87 G | |
| 58 12- 1 | 37,84 G | 8,4 G |

¹ Æ augm. de 0s,40 : err. de 1s sur deux fils.

**33750 P. — 45941 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 23h19m | 65°41' |
| 39 10- 8 | 58s,73 G | |
| 41 10-11¹ | 58,63 G | |
| 43 8- 8 | 58,89 G | 0",1 G |
| 8-11 | 58,59 G | 1,8 F |
| 8-12 | 58,80 G | |

**33750 P. (suite).**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 23h20m | 65°36' |
| 57 10- 7 | 43s,12 G | 3",1 G |
| 12-24 | 43,28 G | 4,5 G |

¹ Æ augmentée de 1m.

**33751 P. — 45948 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 23h20m | 52°31' |
| 67 10-23 | | 32",6 G |

**33752 P. — 6217 Sf. — 6°.**

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 23h20m | 96°33' |
| 48 10-27 | 1s,82 G | |

**33753 P. — 45937 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 23h20m | 102°13' |
| 54 9- 3 | | 7",0 G |
| 9- 8 | | 9,2 G |
| 55 10-15 | 47s,78 G | 10,2 G |
| III. | 23h21m | 102°8' |
| 77 10-20 | 34s,86 M | 13",9 M |
| 10-24 | 34,71 M | 12,8 M |
| 11- 5 | 34,81 M | 12,4 M |
| 11-12 | 34,86 M | 13,7 M |

**33754 P. — 45943 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 23h20m | 79°37' |
| 58 10- 1 | | 58",0 G |

**33755 P. — 45938 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | 23h20m | 102°58' |
| 58 8-20 | 50s,41 G | 54",5 G |
| 10- 8 | | 55,1 G |

**33756 P. — 45944 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | 23h20m | 84°28' |
| 37 1- 4 | 6s,50 G | |
| 9- 8 | 6,50 G | 17",2 F |
| 9- 9 | 6,51 G | |
| 9-15 | 6,46 G | |
| 10- 3 | 6,49 G | |
| 10 4 | 6,51 G | |
| 10-11 | 6,43 G | 18,3 F |
| 10-12 | 6,45 G | |
| 38 9- 3 | | 18,8 F |
| 40 10- 6 | 6,42 G | 16,9 F |
| 10-31 | | 18,3 F |
| 41 8-18 | 6,45 G | |

**33756 P. (suite).**

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. Æ. | D. |
|---|---|---|
| | I. | |
| | 23h20m | 84°28' |
| 41 8-20 | 6s,49 G | |
| 42 9-13 | | 17",7 F |
| 9-14 | | 18,5 F |
| 46 9-11 | | 17,5 G |
| 11-2 | 6,32 G | |
| 11-4 | 6,36 G | |
| 47 7-12 | 6,30 G | |
| 50 10-12 | 6,42 G | |
| 11-6 | 6,30 G | |
| 52 10-30 | 6,33 G | |
| 12-17 | 6,52 G | |
| | II. | |
| | 23h20m | 84°23' |
| 55 10-16 | 52s,03 G | |
| 11-26 | | 23",7 G |
| | III. | |
| | 23h21m | 84°18' |
| 73 11-3 | 37s,62 M | |
| 74 10-10 | 37,59 M | 26",3 M |
| 10-13 | 37,46 M | 25,6 M |

**33757 P. — 406 W1.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 23h20m | 93°13' |
| 57 11-11 | 53s,36 G | 47",7 G |
| | III. | |
| | 23h21m | 93°8' |
| 81 9-28 | 39s,72 M | 51",6 M |

**33758 P. — 45951 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 23h20m | 57°48' |
| 59 11-18 | | 36",4 G |
| 11-19 | | 37,2 G |
| 66 9-28[1] | 58s,34 G | 36,4 G |
| 10-8[2] | 58,33 G | 36,1 G |
| | III. | |
| | 23h21m | 57°43' |
| 74 11-5 | 42s,25 M | 38",6 M |
| 79 10-30 | 42,31 G | 37,3 G |

[1] D diminuée de 1'.
[2] D diminuée de 1°.

**33759 P. — 45946 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 23h20m | 93°13' |
| 55 9-19 | 56s,09 G | |
| 12-19 | | 7",7 G |
| 61 10-14 | 56,20 G | 6,3 G |
| 10-16 | 56,24 G | 8,0 G |
| 10-18 | 56,26 G | 7,9 G |
| | III. | |
| | 23h21m | 93°8' |
| 81 11-4 | 42s,33 M | 12",6 M |

**33760 P. — 45950 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | I. | |
| | 23h20m | 67°16' |
| 46 8-26 | 14s,81 G | |
| | II. | |
| | 23h20m | 67°11' |
| 59 11-14 | | 5",0 G |
| 62 9-19 | 59s,40 G | 2,4 G |
| | III. | |
| | 23h21m | 67°6' |
| 71 10-23 | 43s,94 G | 8",5 G |

**33761 P. — 45947 et 49 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 23h20m | 82°8' |
| 56 9-23 | 58s,43 G | |
| | III. | |
| | 23h21m | 82°3' |
| 79 9-27 | 44s,10 G | 22",7 G |
| 10-20 | 43,97 G | 21,7 G |

**33762 P. — 437 W2.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 23h21m | 69°24' |
| 58 10-19 | 1s,75 G | 26",9 G |

**33763 P. — 45945 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 23h21m | 116°11' |
| 55 9-7 | 1s,29 G | |
| 58 10-29 | 1,39 G | 24",6 G |
| 10-31 | 1,32 G | |

**33764 P. — 439 W2.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 23h21m | 67°11' |
| 62 9-19 | | 36",3 G |

**33765 P. — 45952 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 23h21m | 84°41' |
| 57 9-19 | 8s,64 G | 42",4 G |
| 9-20 | 8,56 G | 41,1 G |

**33766 P. — 3125 Br.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | I. | |
| | 23h20m | 20°29' |
| 50 4-24 I | 45s,23 G | |

**33766 P. (suite).**

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 23h21m | 20°24' |
| 64 1-2 | | 36",1 G |
| 1-7 | | 36,8 G |
| 10-20 | | 36,7 G |
| 65 9-19 | | 36,6 G |
| 9-20 | | 36,7 G |

**33767 P. — 45957 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 23h21m | 61°15' |
| 58 10-16 | 17s,16 G | 6",4 G |
| 10-17 | 17,43 G | 6,4 G |

**33768 P. — 45953-54 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 23h21m | 93°25' |
| 55 10-2 | 15s,35 G | 19",7 G |
| | III. | |
| | 23h22m | 93°20' |
| 68 10-12 | 1s,79 M | 25",8 M |

**33769 P. — 45955-56 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 23h21m | 84°57' |
| 56 8-5 | 20s,87 G | |
| 57 9-24 | | 44",3 G |
| | III. | |
| | 23h22m | 84°52' |
| 72 10-25 | 6s,65 G | 48",3 G |

**33770 P. — 45960 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | I. | |
| | 23h20m | 70°57' |
| 43 8-11 | | 59",3 F |
| 8-17[1] | 38s,77 G | 64,7 G |
| 8-17[1] | | 64,1 F |
| 9-28 | 38,61 G | 59,7 F |
| 9-29 | 38,73 G | 59,1 F |
| 10-5 | 38,83 G | |
| | II. | |
| | 23h21m | 70°53' |
| 56 8-30 | | 3",5 G |
| 58 8-26 | 23s,41 G | 3,8 G |
| 10-12 | 23,39 G | |

[1] D non comprises dans la moyenne : Observations faites le même jour, par le même observateur, à deux instruments différents.

**33771 P. — 45958-59 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 23h21m | 81°20' |
| 55 11-2 | 25s,00 G | 32",8 G |

**33771 P. (suite).**

| A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 23h22m | 81°15' |
| 75 10-16 | 10s,77 M | 38",6 M |

**33772 P. — 45963 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 23h22m | 53°54' |
| 68 10-13 | 14s,50 G | 26",6 G |
| 73 10-13 | 14,39 G | 27,2 G |
| 74 9-15 | 14,55 M | 27,5 M |
| 10-14 | 14,46 M | 27,1 M |

**33773 P. — 45964 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | III. | |
| | 23h22m | 51°5[illegible]' |
| 80 10-11 | 14s,69 M | 26",6 M |
| 81 10-4 | 14,61 M | 25,7 M |

**33774 P. — 45961 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | I. | |
| | 23h20m | 96°14' |
| 48 12-18 | 47s,23 G | |
| 12-19 | 47,34 G | |
| | II. | |
| | 23h21m | 96°9' |
| 55 9-26 | 33s,68 G | 35",9 G |
| 59 10-5 | | 34,3 G |
| | III. | |
| | 23h22m | 96°4' |
| 75 11-2 | 19s,82 M | 36",7 M |

**33775 P. — 454 W2.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 23h21m | 61°44' |
| 58 9-24 | 38s,11 G | |
| 10-15 | 37,87 G | 28",0 G |

**33776 P. — 45970 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 23h21m | 45°4' |
| 67 11-7 | 45s,67 M | 36",8 G |
| | III. | |
| | 23h22m | 44°59' |
| 72 9-30 | 28s,43 M | 40",9 M |

**33777 P. — 45962 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| | II. | |
| | 23h21m | 119°1' |
| 58 11-10 | | 59",9 F |

### 33778 P. — 429 W₁.

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h21m | 89°29' |
| 60 11-26 | 48s,42 G | 36",5 G |

### 33779 P. — 45965 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h21m | 100°2' |
| 54 11-11 | 45s,94 G | |
| 55 10- 6 | 46,30 G | |
| 56 12-16 | 46,23 G | |
| 58 9-27 | | 9",1 F |
| 60 11- 3 | 45,99 G | 9,4 G |
| 64 10-17 | 46,05 M | 10,5 M |
| | III. | |
| | 23h22m | 99°57' |
| 77 11-13 | 32s,53 M | 14",4 M |

### 33780 P. — 45967 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h21m | 92°14' |
| 57 9-15 | | 27",1 G |
| | III. | |
| | 23h22m | 92°9' |
| 79 9-30 | 37s,19 M | 30",0 M |
| 10- 4 | 36,94 M | 29,9 M |

### 33781 P. — 45973 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h21m | 58°58' |
| 67 10-28 | | 26",3 G |
| | III. | |
| | 23h22m | 58°53' |
| 69 9-28 | 40s,57 M | 31",1 M |
| 74 10- 6 | | 30,6 G |
| 10-16 | 40,72 M | 30,6 M |
| 10-27 | 40,67 M | 31,0 M |

### 33782 P. — 45977 à 79 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h22m | 48°21' |
| 58 11-11 | | 32",9 G |
| 62 9-18 | | 32,4 G |
| | III. | |
| | 23h22m | 48°16' |
| 79 9-25 | 43s,76 G | 33",8 G |

### 33783 P. — 45971-72 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h21m | 74°45' |
| 58 8- 6 | 59s,83 G | |
| 9- 8 | | 26",6 F |
| 10- 2 | | 29,5 G |
| 11-22 | 59,72 G | 28,8 G |

### 33784 P. — 460 W₂.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h22m | 71°38' |
| 58 9-27 | 0s,66 G | 35",8 G |

### 33785 P. — 45974 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 23h21m | 78°5' |
| 37 1- 5 | 19s,04 G | |
| 9-15 | | 37",4 F |
| 40 11-27 | | 38,5 F |
| 42 10-16 | 19,32 G | |
| 10-17 | 19,14 G | |
| 10-19[1] | 19,08 G | |
| 10-20 | 19,07 G | |
| 10-24 | 19,01 G | |
| 10-28 | 19,18 G | |
| 45 9-24 | 19,07 G | |
| 9-26 | 19,03 G | |
| 10- 5 | 19,09 G | |
| 46 9-12 | 19,24 G | |
| 9-15 | 19,12 G | |
| 50 8-24 | 19,17 G | |
| 52 12-18 | 19,22 G | |
| | II. | |
| | 23h22m | 78°0' |
| 56 8- 7 | 4s,54 G | |
| 8-13 | | 39",9 G |
| 57 10- 3 | 4,60 G | 40,0 G |
| 58 9-11 | 4,24 G | 39,8 G |
| 9-12 | | 39,8 G |
| 9-20 | 4,37 G | 40,5 G |
| 10- 9 | | 37,3 G |
| 62 9- 5 | 4,40 G | |
| 9-11 | 4,61 G | |
| 10-16 | 4,68 G | 38,6 G |
| 63 9-15 | 4,61 G | |
| 9-18 | 4,58 G | |
| 9-19 | 4,58 G | |
| 9-27 | 4,59 G | |
| 10-12 | 4,56 G | |
| 10-16 | 4,54 G | |
| 10-19 | 4,57 G | |
| 10-23 | 4,57 G | |
| 10-25 | 4,55 G | |
| 64 9-17 | 4,63 G | |
| 9-21 | 4,62 G | |
| 9-22 | 4,56 G | |
| 9-23 | 4,55 G | |
| 9-26 | 4,53 G | |
| 9-29 | 4,58 G | |
| 9-30 | 4,64 G | |
| 10- 1 | 4,50 G | |
| 10-17 | 4,58 G | |
| 10-24 | 4,66 G | |
| 10-27 | 4,54 G | |
| 11- 4 | 4,56 G | |
| 11- 8 | 4,53 G | |
| 65 10- 5 | 4,61 G | |
| 10-23 | 4,58 G | |
| 11-12 | 4,59 G | |
| | III. | |
| | 23h22m | 77°55' |
| 72 9- 7 | 49s,98 G | |

[1] 𝒜 diminuée de 1m.

### 33786 P. — 45968-69 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 23h21m | 114°53' |
| 41 10-11 | 15s,27 G | |

### 33787 P. — 462 W₂.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 23h21m | 67°48' |
| 43 9- 1 | 22s,84 G | |
| 9- 2 | 22,75 G | |
| 9- 6 | 22,77 G | |
| 9- 7 | 22,67 G | |

### 33788 P. — 45975 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h22m | 94°21' |
| 55 9- 8 | 9s,76 G | |
| 57 9-18 | | 59",2 G |
| | III. | |
| | 23h22m | 94°17' |
| 78 9-26 | 55s,84 G | 0",5 G |

### 33789 P. — 45989 et 91 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 23h23m | 37°1' |
| 81 10-30 | 0s,37 G | 18",2 G |
| 10-31 | 0,37 G | 17,6 G |

### 33790 P. — 466-67 W₂.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h22m | 64°52' |
| 58 9-19 | 16s,08 G | |
| 59 11-18 | 15,73 G | |

### 33791 P. — 45983 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h22m | 59°3' |
| 67 10-30 | | 57",4 G |
| | III. | |
| | 23h23m | 58°59' |
| 74 11- 4 | 1s,58 M | 0",5 M |
| 11- 6 | 1,50 M | 1,2 M |

### 33792 P. — 45981 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 23h21m | 92°38' |
| 39 9-10 | | 36",2 F |
| 9-11 | | 37,0 F |
| 9-19 | 29s,63 G | |
| 11- 8 | 29,61 G | |
| 41 9-20 | 29,83 G | |
| 49 10-18 | 29,74 G | |
| 10-19 | 29,80 G | |
| 10-25 | 29,60 G | |

### 33792 P. (suite).

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h22m | 92°33' |
| 57 8-13 | 15s,83 G | |
| 61 10- 4 | 15,73 G | 40",5 G |
| 10- 5[1] | 15,94 G | 40,0 G |
| 10-12 | 15,61 G | 40,7 G |
| 10-15 | 15,78 G | 40,0 G |
| 64 9-27 | 16,11 M | 40,5 M |
| | III. | |
| | 23h23m | 92°28' |
| 76 10-12 | 1s,88 G | 45",4 G |
| 10-16 | 1,87 G | 44,5 G |
| 10-18 | 1,89 G | 45,3 G |
| 78 9-19 | 2,18 G | 44,2 G |
| 9-20 | 2,05 G | |

[1] 𝒟 diminuée de 5",8 : l'observation est faite à 6 microscopes et on l'a réduite comme ayant été faite au seul couple (a).

### 33793 P. — 45980 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h22m | 95°17' |
| 56 9- 1[1] | 17s,85 G | |
| 9- 4 | 17,60 G | 41",1 G |
| 9- 5 | 17,69 G | 40,2 G |
| 9- 6 | 17,61 G | 41,5 G |
| 58 9- 9 | | 40,6 F |
| 9-11 | | 38,7 F |
| 10- 7 | | 40,9 G |
| 64 9-26 | 17,97 M | 41,7 M |
| 65 9-13 | | 41,7 M |
| | III. | |
| | 23h23m | 95°12' |
| 75 9-14 | 4s,39 M | 46",9 M |
| 9-15 | 4,33 M | 47,8 M |
| 79 10-20[2] | 3,27 J | 49,4 J |
| 10-26 | 4,26 J | 49,2 J |
| 10-30 | 4,45 J | 49,0 J |

[1] Erreur de signe dans la déclinaison indiquée : l'étoile est observée avec Neptune dans la même position de la lunette.

[2] 𝒜 non comprise dans la moyenne : erreur probable de 1s.

### 33794 P. — 45985 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h22m | 58°6' |
| 59 11-18 | | 17",8 G |
| 61 10-26 | 21s,21 G | 17,0 G |
| 67 11- 6 | | 17,8 G |
| | III. | |
| | 23h23m | 58°1' |
| 80 9-27 | 5s,32 M | 19",2 M |

### 33795 P. — 12 Poissons.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 23h21m | 91°53' |
| 51 12-24 | | 16",9 G |
| 12-26 | | 17,1 G |

Dates 1800 + / Positions moyennes pour les époques du Catal.

### 33796 P. — 45986-87 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 23h 22m | 64° 57′ |
| 57 10-26 | | 32″,0 G |
| 58 9-19 | 24s,06 G | 31,3 G |
| 10-20 | 23,94 G | 31,6 G |
| 11-7 | | 30,2 G |
| 59 11-13 | | 31,5 G |
| 11-18 | 23,96 G | |
| | III. | |
| | 23h 23m | 64° 52′ |
| 71 10-14 | 8s,25 G | 34″,1 G |
| 11-5 | 8,38 G | 35,9 G |
| 11-17 | 8,32 G | |

### 33797 P. — 45984 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | I. | |
| | 23h 21m | 84° 45′ |
| 41 9-10 | 38s,99 G | |
| 9-11 | 39,10 G | |
| 9-13 | 39,14 G | |
| | II. | |
| | 23h 22m | 84° 40′ |
| 55 11-11 | 24s,75 G | 3″,8 G |
| 58 11-2 | 24,64 G | |
| | III. | |
| | 23h 23m | 84° 35′ |
| 73 10-28 | 10s,30 M | |
| 74 9-17 | 10,39 M | 6″,2 M |
| 75 10-8 | 10,53 M | 7,8 M |
| 10-23 | 10,48 M | 8,2 M |

### 33798 P. — 25632 A. O.

| A. M. J. | Æ. | P. |
|---|---|---|
| | I. | |
| | 23h 21m | 19° 44′ |
| 39 9-15 | 58s,04 G | 11″,9 F |

### 33799 P. — 442 W1.

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 23h 22m | 97° 5′ |
| 57 10-12 | 25s,88 G | |

### 33800 P. — 45994 à 96 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 23h 22m | 48° 24′ |
| 58 11-11 | | 39″,5 G |
| 62 9-18 | 31s,70 G | 38,7 G |
| 9-22 | 31,72 G | 40,0 G |

### 33801 P. — 45992 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 23h 22m | 103° 38′ |
| 54 12-6 | | 43″,4 G |
| 58 11-12 | 40s,83 G | |
| 67 10-26 | 41,02 M | 48,4 M |

### 33801 P. (suite).

| A. M. J. | Æ. | P. |
|---|---|---|
| | III. | |
| | 23h 23m | 103° 33′ |
| 78 10-8 | 27s,84 M | 52″,9 M |
| 10-20 | 27,88 M | 49,5 M |

### 33802 P. — 46003-04 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | III. | |
| | 23h 23m | 44° 13′ |
| 79 9-26 | 28s,00 G | 21″,8 G |
| 81 10-4 | 28,13 G | 24,6 G |
| 11-9 | 27,65 G | 26,9 G |

### 33803 P. — 45990 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 23h 22m | 113° 25′ |
| 58 10-30 | 42s,35 G | |
| 60 10-6 | 42,41 G | 51″,0 G |
| | III. | |
| | 23h 23m | 113° 20′ |
| 79 9-26 | 29s,91 J | 52″,5 J |

### 33804 P. — 46002 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | III. | |
| | 23h 23m | 52° 2′ |
| 74 9-17 [1] | | 42″,9 G |
| 75 10-9 | 30s,86 M | 43,3 M |
| 79 10-12 | 30,81 G | 42,4 G |

[1] Indiquée à tort au Volume des observations comme étant 46047 L. On doit supprimer la correction de 1′ qui a été faite pour établir la concordance avec 46047 L.

### 33805 P. — 45993 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 23h 22m | 97° 2′ |
| 57 10-12 [1] | 44s,54 G | 3″,0 G |
| | III. | |
| | 23h 23m | 96° 57′ |
| 79 11-2 | 31s,12 J | 7″,6 J |
| 12-20 [2] | 31,25 J | 6,1 J |

[1] Æ augmentée de 0s,12 : suppression d'un fil erroné.

[2] Æ diminuée de 0s,10 : erreur de réduct.

### 33806 P. — 45997 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | I. | |
| | 23h 21m | 89° 41′ |
| 47 10-27 | | 25″,3 F |
| 10-28 | | 24,2 F |
| 10-30 | | 21,6 F |
| 11-2 | 59s,85 G | |
| | II. | |
| | 23h 22m | 89° 36′ |
| 56 10-25 | 45s,85 G | |
| 57 8-27 | 46,12 G | |
| 58 8-27 | 45,73 G | 26″,3 G |
| 60 11-26 | 45,88 G | 24,9 G |

### 33806 (suite).

| A. M. J. | Æ. | P. |
|---|---|---|
| | III. | |
| | 23h 23m | 89° 31′ |
| 79 10-27 | 31s,95 J | 29″,5 J |

### 33807 P. — 45999 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 23h 22m | 79° 5′ |
| 58 10-5 | 47s,17 G | 32″,3 G |
| 11-3 | 47,10 G | 32,2 G |

### 33808 P. — 46006 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 23h 22m | 61° 52′ |
| 58 11-10 | 53s,97 G | |
| 59 9-16 | 53,79 G | 27″,4 G |
| | III. | |
| | 23h 23m | 61° 47′ |
| 79 10-7 | 38s,28 M | 31″,0 M |

### 33809 P. — 46016 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | III. | |
| | 23h 23m | 42° 18′ |
| 81 10-19 | | 27″,9 G |

### 33810 P. — 46007 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 23h 22m | 65° 59′ |
| 58 9-15 | 56s,53 G | |
| 60 10-20 | 56,75 G | |
| 11-2 | 56,68 G | |
| 11-10 | 56,64 G | 53″,3 G |
| | III. | |
| | 23h 23m | 65° 54′ |
| 79 10-11 | 41s,32 G | 55″,7 G |

### 33811 P. — 9589 Berlin A.

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 23h 22m | 74° 35′ |
| 57 8-25 | 58s,36 G | |

### 33812 P. — 46015 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 23h 23m | 55° 45′ |
| 59 11-19 | | 25″,8 G |
| 60 10-27 | 1s,38 G | 24,8 G |
| 62 9-20 | 1,24 G | 24,0 G |
| 9-25 | 1,19 G | 25,3 G |
| 66 10-16 | 1,29 G | |

### 33813 P. — 453 W1.

| A. M. J. | Æ. | P. |
|---|---|---|
| | I. | |
| | 23h 22m | 101° 18′ |
| 43 8-24 | 12s,69 G | 11″,5 G |
| 8-24 | | 9,8 F |
| 8-27 | 12,81 G | 11,2 G |
| 8-27 | | 11,6 F |
| 8-29 | 12,64 G | 11,9 G |
| 8-29 | | 11,2 F |

### 33814 P. — 46011 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | I. | |
| | 23h 22m | 69° 18′ |
| 43 7-31 | 17s,18 G | |
| 8-8 | 17,27 G | 13″,1 G |
| 8-11 | 17,04 G | 11,0 F |
| 8-12 | 17,25 G | |
| 8-14 | | 13,0 G |
| 8-17 | 17,32 G | 10,5 F |
| | II. | |
| | 23h 23m | 69° 13′ |
| 58 9-8 | 1s,96 G | 16″,5 G |
| | III. | |
| | 23h 23m | 69° 8′ |
| 79 10-7 | 46s,89 G | |
| 11-15 | 47,04 G | 19″,4 G |

### 33815 P. — 46018-19 L [1].

| A. M. J. | Æ. | P. |
|---|---|---|
| | II. | |
| | 23h 23m | 46° 49′ |
| 67 12-4 [2] | 6s,53 M | 49″,7 M |
| | III. | |
| | 23h 23m | 46° 44′ |
| 81 10-5 | 49s,38 M | 49″,3 M |
| 10-21 | 49,57 M | 51,9 M |
| 10-29 | 49,89 M | 52,2 M |

[1] La dist. pol. de 46019 L. doit être augm. de 30″.

[2] Æ diminuée de 1m.

### 33816 P. — 46009-10 L.

| A. M. J. | Æ. | P. |
|---|---|---|
| | I. | |
| | 23h 22m | 85° 50′ |
| 37 10-3 | 19s,62 G | |
| 39 8-24 | | 29″,6 F |
| 9-10 | | 31,3 F |
| 9-11 | | 31,3 F |
| 9-13 [1] | | 30,4 F |
| 40 10-10 | 19,60 G | 30,3 F |
| 10-12 | 19,58 G | |
| 10-13 | 19,57 G | |
| | II. | |
| | 23h 23m | 85° 45′ |
| 55 11-26 | 5s,45 G | |
| 58 8-12 | | 33″,2 G |
| 59 8-28 | | 33,4 G |

Dates 1800 + | Positions moyennes pour les époques du Catal.

**33816 (suite).**

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| III. | 23h 23m | 85°40′ |
| 71 9-18 | 51s,28 M | 35″,5 M |
| 72 11-8 | 51,31 G | 35,7 G |
| 74 10-27 | 51,16 G | |
| 11-4 | 51,26 G | 37,2 G |
| 11-5 | 51,32 G | 37,0 G |

¹ 𝔓 diminuée de 1° : erreur de réduct.

**33817 P. — 46017 L.**

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| II. | 23h 23m | 84°20′ |
| 56 10-9 | 14s,39 G | 44″,1 G |
| 58 9-13 | 14,34 G | 44,7 G |

**33818 P. — 46021 L.**

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| III. | 23h 24m | 59°18′ |
| 69 10-12 | 2s,32 M | 38″,7 M |
| 73 10-8 | 2,43 G | 38,1 G |
| 10-9 | 2,26 G | 36,1 G |
| 10-16 | 2,35 G | 36,6 G |

**33819 P. — 3131 Br.**

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| I. | 23h 22m | 15°37′ |
| 49 9-30 | 55s,04 G | 39″,1 G |
| 52 12-28 | 55,02 G | |
| 53 1-24 I | 54,63 G | |
| 2-25 I | 54,75 G | |
| 4-17 I | 54,75 G | |
| 4-27 I | 55,00 G | |
| 9-12 | 54,77 G | |
| 9-17 | 55,24 G | |
| 9-20 | 54,54 G | |
| 10-8 | 54,80 G | |
| 10-12 | 54,82 G | |

**33820 P. — 46031-32 L.**

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| III. | 23h 24m | 44°13′ |
| 80 11-3 | 11s,38 G | 31″,4 G |
| 81 9-26¹ | 11,25 G | 30,5 G |

¹ 𝔓 augmentée de 4° : erreur de transcription.

**33821 P. — 46024 L.**

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| II. | 23h 23m | 74°12′ |
| 57 9-6 | 29s,06 G | 25″,9 G |
| 59 11-12 | 29,16 G | 27,0 G |

**33822 P. — 499-500 W₂.**

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| II. | 23h 23m | 65°8′ |
| 58 9-19 | 30s,03 G | |

**33823 P. — 46022 L.**

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| I. | 23h 22m | 89°58′ |
| 42 10-6 | 41s,62 G | |
| 10-7 | 44,39 G | |
| 10-8 | 44,57 G | |
| 10-9 | 44,69 G | |
| 10-10 | 44,58 G | |
| 10-11 | 44,76 G | |
| 10-13 | 44,53 G | |
| II. | 23h 23m | 89°53′ |
| 56 11-6 | | 37″,2 G |
| 61 9-26 | | 37,4 G |
| 10-24 | 30s,81 G | 38,4 G |
| 11-23 | 30,65 G | 37,2 G |

**33824 P. — 6099 R₁.**

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| I. | 23h 24m | 4°26′ |
| 53 4-21 | 6s,38 G | |
| 5-11 | 6,13 G | |
| 11-3 | 7,51 G | |

**33825 P. — 46025 et 27 L.**

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| II. | 23h 23m | 85°31′ |
| 56 10-19 | | 18″,5 G |
| 10-29 | 32s,97 G | |
| 11-5 | 32,88 G | |
| III. | 23h 24m | 85°26′ |
| 74 10-28¹ | 18s,64 G | 22″,3 G |

¹ 𝔓 augmentée de 1′.

**33826 P. — 46030 L.**

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| I. | 23h 22m | 80°29′ |
| 45 9-24 | 50s,48 G | |
| II. | 23h 23m | 80°24′ |
| 56 9-27 | 36s,06 G | |
| 10-21 | | 36″,2 G |
| 10-30 | 36,25 G | |
| 57 9-25 | 36,05 G | |
| 10-16 | 36,14 G | 35,6 G |

**33827 P. — 46023 L.**

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| II. | 23h 23m | 106°45′ |
| 54 8-25 | 35s,59 G | |
| 58 8-20 | 35,43 G | 10″,1 G |
| 10-21 | 35,58 G | 9,8 G |
| 59 10-17 | 35,32 G | |
| 11-11 | 35,69 G | 10,5 G |

**33828 P. — 46035-36 L.**

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| II. | 23h 23m | 68°43′ |
| 58 8-8 | | 26″,6 G |
| 9-10 | 43s,53 G | 27,3 G |
| 10-4 | 43,50 G | 27,0 G |
| 59 11-14 | | 26,1 G |
| III. | 23h 24m | 68°38′ |
| 71 10-23 | 28s,17 G | 30″,0 G |
| 79 10-16 | 28,46 G | 29,6 G |

**33829 P.**

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| I. | 23h 22m | 94°58′ |
| 41 8-20¹ | 58s,35 G | |

¹ L'obs. a bien indiqué $h = 36°15'$, ce qui correspond à 5895 Sf. — 4° ; mais il y a une différence de 2s avec Sf. et avec deux observ. de Bruxelles. Peut-être la haut. est-elle en err. de 1°. Alors ce serait l'étoile suivante 33830 P.

**33830 P. — 46033 L.**

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| II. | 23h 23m | 95°49′ |
| 61 10-19 | 44s,83 G | 53″,4 G |
| 62 9-8 | 44,70 G | 54,7 G |
| 9-14 | 44,78 G | 54,2 G |
| III. | 23h 24m | 95°44′ |
| 76 11-10 | 31s,29 M | 57″,2 M |

**33831 P. — 46047 L.**

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| II. | 23h 23m | 52°6′ |
| 66 9-17 | 49s,95 G | |
| 10-15 | 49,73 G | 36″,4 G |
| III. | 23h 24m | 52°1′ |
| 73 9-19 | 33s,67 M | 37″,7 M |
| 10-17 | 33,48 G | 37,3 G |
| 74 10-8 | | 39,8 G |
| 10-10 | 33,53 G | 37,9 G |
| 10-26 | 33,64 G | 38,8 G |
| 10-31 | 33,57 M | 37,5 M |

**33832 P. — 46037 à 39 L.**

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| II. | 23h 23m | 82°46′ |
| 56 8-26 | | 26″,0 G |
| 8-31¹ | 47s,64 G | |
| III. | 23h 24m | 82°41′ |
| 71 9-19² | 33s,60 M | 31″,1 M |

¹ Æ diminuée de 1m.
² 𝔓 diminuée de 1′.

**33833 P. — 46034 L.**

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| I. | 23h 23m | 97°8′ |
| 49 9-3 | 1s,51 G | |
| II. | 23h 23m | 97°3′ |
| 58 9-26 | 47s,64 G | 31″,2 G |
| III. | 23h 24m | 96°58′ |
| 79 11-9 | 34s,10 J | 34″,9 J |

**33834 P. — 46042-43 L.**

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| II. | 23h 23m | 81°17′ |
| 55 11-15 | 49s,23 G | |
| 58 9-28 | 49,04 G | 18″,2 G |
| III. | 23h 24m | 81°12′ |
| 72 10-25 | 34s,92 G | 21″,5 G |

**33835 P. — 46040 L.**

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| II. | 23h 23m | 83°2′ |
| 57 9-20 | 49s,35 G | 27″,0 G |
| 10-15 | 49,44 G | 28,0 G |

**33836 P. — 46041 L.**

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| II. | 23h 23m | 91°22′ |
| 64 9-28 | 51s,16 M | 3″,7 M |
| III. | 23h 24m | 91°17′ |
| 79 11-19 | 37s,13 J | 6″,0 J |

**33837 P. — 46048-49 L.**

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| II. | 23h 23m | 56°56′ |
| 66 10-8 | 54s,20 G | 6″,5 G |
| 10-17 | 54,13 G | 6,6 G |
| III. | 23h 24m | 56°51′ |
| 80 10-25 | 38s,17 J | 9″,6 J |
| 10-30 | 38,08 J | 9,8 J |
| 81 10-1 | 38,11 J | 10,8 J |
| 10-19 | 38,09 J | 10,2 J |
| 11-9 | 38,09 J | 8,6 J |

**33838 P. — 46051-52 L.**

| A. M. J. | Æ | 𝔓 |
|---|---|---|
| III. | 23h 24m | 46°42′ |
| 68 11-16 | 38s,12 M | 45″,6 M |
| 74 10-10 | 38,11 M | 46,3 M |
| 10-13 | 38,09 M | 45,8 M |

Dates 1800+ — Positions moyennes pour les époques du Catal.

### 33839 P. — 5343 A + 20''.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 23h 23m | 69° 10' |
| 58 9- 8 | 54s,77 G | 33'',0 G |

### 33840 P. — 46045 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 23h 23m | 88° 29' |
| 40 10- 6 | 10s,58 G | |
| 10- 7 | 10,57 G | |
| 10-31 | | 20'',0 F |
| 42 10-28 | 10,69 G | |
| II. | 23h 23m | 88° 24' |
| 58 8-23 | 56s,43 G | 22'',3 G |
| 10- 9 | 56,56 G | |
| 60 11-18 | 56,74 G | |
| 61 11- 9 | 56,39 G | 23,2 G |
| 11-19 | 56,66 G | 23,8 G |

### 33841 P. — 46055 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 23h 24m | 44° 37' |
| 67 11- 6 | 0s,25 M | 6'',7 M |
| III. | 23h 24m | 44° 32' |
| 81 10-14 | 43s,42 M | 8'',7 M |

### 33842 P. — 46046 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 23h 24m | 102° 57' |
| 54 8-29[1] | 0s,94 G | |
| 57 9- 9 | | 60'',1 G |
| 67 10-21 | 0,92 M | 60,7 M |
| 10-22 | 0,88 M | 59,6 M |
| III | 23h 24m | 102° 53' |
| 78 10- 3 | 47s,78 M | 1'',5 M |
| 10-10 | 47,62 M | 2,9 M |

[1] 𝒜 diminuée de 1m.

### 33843 P. — 46076 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 23h 24m | 71° 59' |
| 57 9-13 | 3s,84 G | 32'',0 G |
| III. | 23h 24m | 71° 54' |
| 79 10-20 | 48s,73 G | 34'',8 G |

### 33844 P. — 46053-54 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 23h 24m | 95° 1' |
| 56 9-25 | 12s,61 G | 21'',9 G |
| III. | 23h 24m | 94° 56' |
| 79 10- 6 | 58s,96 M | 24'',7 M |

### 33845 P. — 46065 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 23h 24m | 64° 17' |
| 58 10-16 | 15s,20 G | 46'',4 G |
| III. | 23h 24m | 64° 12' |
| 80 10-25 | 59s,54 M | 50'',2 M |

### 33846 P. — 46060 et 62 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 23h 24m | 81° 0' |
| 55 11- 2 | 14s,44 G | 37'',0 G |
| III. | 23h 24m | 80° 55' |
| 72 11- 7 | 60s,03 G | |
| 74 9-19 | 60,18 G | 41'',3 G |
| 10-16 | 60,17 G | 39,2 G |
| 10-31 | 59,97 G | |

### 33847 P. — 46056 à 58 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 23h 23m | 94° 56' |
| 41 8-18 | 30s,95 G | |
| II. | 23h 24m | 94° 51' |
| 55 10- 2 | 17s,55 G | |
| 57 9-18 | | 6'',2 G |
| 10-13 | 17,66 G | 5,1 G |
| III. | 23h 25m | 94° 46' |
| 76 10-12 | 4s,04 G | 13'',3 G |
| 11-10 | 4,00 G | 12,9 G |

### 33848 P. — 46069 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 23h 24m | 74° 33' |
| 56 9-16 | 21s,26 G | |
| 57 8-25 | 21,44 G | |
| 10- 5 | 21,12 G | |
| 58 9- 8 | | 7'',3 F |
| 10- 1 | 21,12 G | 7,6 G |

### 33849 P. — 14134 Cambridge.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 23h 24m | 61° 46' |
| 59 10-22 | 22s,53 G | |

### 33850 P. — 46073 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 23h 23m | 51° 36' |
| 49 1- 7 | 41s,04 G | |
| 51 9-10 | | 56'',5 G |
| II. | 23h 24m | 51° 32' |
| 66 9-15 | 24s,90 G | |

### 33850 P. (suite).

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 23h 25m | 51° 26' |
| 69 9-22 | 8s,59 M | 60'',5 M |
| 74 10-12 | 8,60 M | 59,5 M |
| 11- 5 | 8,78 M | 60,2 M |
| 11-11 | 8,55 M | 60,4 M |

### 33851 P. — 46059, 61 et 64 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 23h 23m | 112° 13' |
| 50 9-25 | | 27'',0 G |
| 11- 9 | 34s,02 G | |
| II. | 23h 24m | 112° 8' |
| 58 10-29 | 21s,44 G | |
| 10-31 | 21,26 G | |
| 61 11- 2 | 21,38 G | 30'',9 G |
| III. | 23h 25m | 112° 3' |
| 81 9-27 | 8s,76 M | 32'',9 M |
| 10- 4 | 8,62 M | 31,8 M |

### 33852 P. — 46068 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 23h 24m | 105° 34' |
| 54 9- 5 | | 41'',5 G |
| 56 11-14 | 27s,69 G | 43,7 G |
| 58 11- 2 | 27,97 G | |

### 33853 P. — 46066-67 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 23h 23m | 112° 6' |
| 41 10-11 | 41s,29 G | |
| 10-12 | 41,18 G | |
| II. | 23h 24m | 112° 1' |
| 58 10-29 | 28s,37 G | |
| III. | 23h 25m | 111° 56' |
| 81 11- 4 | 15s,48 M | 19'',6 M |

### 33854 P. — 46079 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 23h 24m | 62° 6' |
| 57 10- 7 | 33s,35 G | 18'',5 G |
| III. | 23h 25m | 62° 1' |
| 71 11-14 | 18s,02 G | |
| 74 9-25 | | 23'',4 G |
| 10-23 | | 21,4 G |
| 78 10-22 | 18,19 M | 23,0 M |

### 33855 P. — 46070 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 23h 24m | 116° 31' |
| 58 11-10 | | 2'',7 F |

### 33856 P. — 46077-78 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 23h 24m | 81° 27' |
| 57 9-19 | 35s,40 G | |
| 9-21 | 35,38 G | |
| 61 10-14 | 35,23 G | 5'',9 G |
| III. | 23h 25m | 81° 22' |
| 79 10-30 | 20s,96 G | 7'',7 G |

### 33857 P. — 46075 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 23h 24m | 89° 33' |
| 55 10-16 | 35s,64 G | |
| 60 11-26 | 35,65 G | 2'',3 G |
| III. | 23h 25m | 89° 28' |
| 79 9-30 | 21s,58 M | 5'',2 M |

### 33858 P. — 46071-72 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 23h 24m | 102° 43' |
| 54 9- 3 | | 12'',1 G |
| 9- 8 | | 14,9 G |
| 58 12- 1 | 35s,09 G | 13,5 G |
| 61 9-18 | 35,05 G | 14,4 G |
| 64 10-17 | 35,17 M | 16,6 M |

### 33859 P. — 46087 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 23h 25m | 38° 16' |
| 81 10-16 | 23s,73 G | 41'',0 G |
| 11- 4 | 23,90 G | 40,3 G |

### 33860 P. — 46082-83 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 23h 23m | 57° 9' |
| 50 9-17[1] | 55s,70 G | |
| II. | 23h 24m | 57° 4' |
| 59 10-27 | | 22'',7 G |
| 11-18 | | 22,1 G |
| 11-19 | | 21,7 G |
| 60 10-26 | 39s,71 G | 22,2 G |
| 67 10-25 | | 22,0 G |
| III. | 23h 25m | 56° 59' |
| 73 10-28 | 23s,82 G | 23'',7 G |
| 79 10-27 | 23,81 G | 24,0 G |

[1] 𝒜 diminuée de 1m.

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (Æ, P)

**33861 P. — 46074 L.**

| A. M. J. | Æ | P |
|---|---|---|
| II. | 23h24m | 105°42' |
| 54 11-11 | 38s,34 G | |
| 58 10- 8 | | 27",3 G |
| 11- 2 | 38,53 G | |

**33862 P. — 46081 L.**

| A. M. J. | Æ | P |
|---|---|---|
| II. | 23h24m | 66°39' |
| 58 10-17[1] | 42s,04 G | 36",7 G |
| 11- 1 | 42,41 G | 35,9 G |
| 11- 7 | 42,32 G | 35,8 G |

[1] Æ non compr. dans la moy. : fils très discordants.

**33863 P. — 46089 L.**

| A. M. J. | Æ | P |
|---|---|---|
| II. | 23h24m | 41°15' |
| 67 11- 2 | 44s,85 M | 52",4 M |
| 11-29 | 44,96 M | 51,9 M |
| III. | 23h25m | 41°10' |
| 68 10-29 | 27s,42 M | 54",7 M |

**33864 P. — 46084 L.**

| A. M. J. | Æ | P |
|---|---|---|
| II. | 23h24m | 62°22' |
| 58 9-17 | 46s,79 G | 5",4 G |
| 9-25 | | 4,5 G |
| 10- 2 | 46,78 G | 4,4 G |

**33865 P. — 46080 L.**

| A. M. J. | Æ | P |
|---|---|---|
| I. | 23h24m | 91°56' |
| 39 9-11 | | 28",2 F |
| 9-13 | | 28,6 F |
| 9-19 | 0s,36 G | |
| 11- 8 | 0,42 G | |
| 11- 9 | 0,36 G | |
| 41 9-20 | 0,44 G | |
| 42 10- 9 | 0,46 G | |
| 10-11 | 0,68 G | |
| 10-13 | 0,41 G | |
| 49 10-18 | 0,47 G | |
| 10-19 | 0,57 G | 29,8 G |
| II. | 23h24m | 91°51' |
| 55 9-26 | 46s,49 G | 31",6 G |
| 57 9-15 | | 30,5 G |
| III. | 23h25m | 91°46' |
| 78 9-18 | 32s,67 G | |
| 9-26 | 32,76 G | 34",8 G |
| 10- 8 | 32,73 J | 32,8 J |
| 10-13 | 32,60 M | 34,5 M |

**33866 P. — 46088 L.**

| A. M. J. | Æ | P |
|---|---|---|
| II. | 23h24m | 85°29' |
| 56 8- 5 | 56s,76 G | |
| 10-18 | | 24",3 G |

**33866 P. (suite).**

| A. M. J. | Æ | P |
|---|---|---|
| III. | 23h25m | 85°24' |
| 75 10-16 | 42s,68 M | 28",5 M |

**33867 P. — 46086 L.**

| A. M. J. | Æ | P |
|---|---|---|
| II. | 23h24m | 93°47' |
| 55 8-16 | 56s,27 G | |
| 56 11- 3 | | 59",2 G |
| III. | 23h25m | 93°43' |
| 78 9-19 | 42s,86 G | 4",8 G |
| 9-20 | 42,97 G | |
| 9-21 | 43,00 G | |

**33868 P. — 46085 L.**

| A. M. J. | Æ | P |
|---|---|---|
| I. | 23h24m | 102°23' |
| 39 9-18 | 10s,17 G | |
| 40 10- 8 | 10,19 G | |
| 10- 9 | 10,17 G | |
| II. | 23h24m | 102°18' |
| 54 9-21 | 56s,83 G | 57",4 G |
| 67 10-23 | 57,05 M | 58,8 M |

**33869 P. — 46094-95 et 98 L.**

| A. M. J. | Æ | P |
|---|---|---|
| II. | 23h25m | 46°42' |
| 67 11- 8 | 4s,59 M | 0",7 M |
| III. | 23h25m | 46°36' |
| 68 11-20 | 47s,93 M | 62",7 M |
| 73 11-11 | 48,10 M | 61,2 M |
| 11-11 | 48,04 G | |
| 11-12 | 47,96 M | 65,3 M |
| 11-13 | 47,96 M | 62,6 M |
| 11-15 | 47,97 M | 63,2 M |
| 74 10- 6 | | 61,9 G |
| 79 9-25 | 47,98 G | 61,0 G |
| 11- 9 | 47,79 G | 59,2 G |

**33870 P. — 46092 L.**

| A. M. J. | Æ | P |
|---|---|---|
| III. | 23h25m | 52°56' |
| 68 10-13 | 50s,11 G | |
| 74 9-15 | 50,31 M | 11",7 M |
| 79 10-30 | 50,12 M | 11,7 M |

**33871 P. — 46097 L.**

| A. M. J. | Æ | P |
|---|---|---|
| III. | 23h25m | 52°22' |
| 81 10-22 | 50s,59 J | |
| 10-31 | 51,02 J | 56",7 J |

**33872 P. — 46091 L.**

| A. M. J. | Æ | P |
|---|---|---|
| II. | 23h25m | 74°8' |
| 58 8-26 | 5s,69 G | |
| 10-11 | 6,00 G | |

**33873 P. — 46134 L.**

| A. M. J. | Æ | P |
|---|---|---|
| I. | 23h24m | 83°46' |
| 40 10-13 | 19s,96 G | |
| 41 12-20 | 19,84 G | |
| III. | 23h25m | 83°36' |
| 74 11- 3 | 51s,39 G | 11",5 G |
| 11- 6 | 51,31 G | 11,4 G |

**33874 P. — 46090 L.**

| A. M. J. | Æ | P |
|---|---|---|
| II. | 23h25m | 101°46' |
| 55 9-18 | | 16",5 G |
| 67 10-26 | 10s,63 M | 17,6 M |
| III. | 23h25m | 101°41' |
| 77 10-15 | 57s,19 M | 19",4 M |
| 10-19 | 57,26 M | 19,0 M |
| 10-24 | 57,13 M | 19,2 M |
| 10-26 | 57,06 M | 17,8 M |
| 11-12 | 57,14 M | 19,7 M |

**33875 P. — 46104, 05 et 06 L[1].**

| A. M. J. | Æ | P |
|---|---|---|
| II. | 23h25m | 46°56' |
| 58 11-11[2] | 15s,50 G | 59",2 G |
| 61 11-20 | 15,46 M | 58,7 G |
| 11-21 | 15,38 G | 58,6 G |
| 67 10-28 | 15,38 M | 57,9 M |
| III. | 23h25m | 46°52' |
| 72 9-30 | 58s,56 M | 2",0 M |

[1] La dist. pol. de 46104 L doit être augm. de 30".
[2] P diminuée de 1'.

**33876 P. — 46107-08 L.**

| A. M. J. | Æ | P |
|---|---|---|
| II. | 23h25m | 44°52' |
| 67 9-28 | 15s,76 M | 56",1 M |

**33877 P. — 46099 L.**

| A. M. J. | Æ | P |
|---|---|---|
| II. | 23h25m | 79°35' |
| 58 10- 5 | 15s,68 G | 39",5 G |
| 11- 3 | 15,63 G | |
| III. | 23h26m | 79°30' |
| 79 10-12 | 1s,13 G | 43",9 G |

**33878 P. — 46093 L.**

| A. M. J. | Æ | P |
|---|---|---|
| II. | 23h25m | 86°43' |
| 55 11-11 | 15s,85 G | 26",8 G |
| III. | 23h26m | 86°38' |
| 72 10-29 | 1s,51 G | 33",8 G |
| 11- 8 | 1,67 G | 33,0 G |

**33879 P. — 46102 L**

| A. M. J. | Æ | P |
|---|---|---|
| II. | 23h25m | 64°13' |
| 58 10-15 | 18s,59 G | 5",2 G |
| 61 11- 3 | 18,35 G | |

**33880 P. — 46100 L.**

| A. M. J. | Æ | P |
|---|---|---|
| II. | 23h25m | 87°43' |
| 55 10-21[1] | | 50",6 G |
| 56 8-29 | | 54,2 G |
| 60 10- 6 | 19s,35 G | 55,9 G |
| 10-29 | 19,41 G | 53,8 G |
| 11- 3 | 19,49 G | 55,3 G |

[1] Indiquée à tort comme 46094 L., l'observation est inscrite sur le registre entre Neptune 23h 4m et ι Andromède 23h 31m.

**33881 P. — 46103 L.**

| A. M. J. | Æ | P |
|---|---|---|
| I. | 23h24m | 73°27' |
| 46 8-26 | 36s,38 G | |
| 9- 6 | 36,60 G | |
| II. | 23h25m | 73°22' |
| 58 9-27 | 21s,76 G | 2",4 G |
| III. | 23h26m | 73°17' |
| 80 9-27 | 6s,94 M | 4",1 M |

**33882 P. — 46101 L.**

| A. M. J. | Æ | P |
|---|---|---|
| III. | 23h26m | 96°49' |
| 75 11- 2 | 10s,71 M | 41",4 M |
| 79 9-26 | 10,93 J | 40,7 J |

**33883 P. — 22895 A.O.**

| A. M. J. | Æ | P |
|---|---|---|
| III. | 23h26m | 108°30' |
| 73 11-27 | 11s,74 M | 5",5 M |
| 79 10-20 | 11,74 J | 5,1 J |
| 10-26[1] | 11,69 J | 6,5 J |

[1] P augmentée de 5'.

**33884 P. — 46111 L.**

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. 𝒜 | 𝒫 |
|---|---|---|
| II. | 23h25m | 64°15' |
| 58 10-15 | 29s,01 G | |
| 59 11-13 | | 14",8 G |
| III. | 23h26m | 64°10' |
| 71 11- 5 | 13s,28 G | 17",8 G |

**33885 P. — 46115 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 23h26m | 54°40' |
| 74 10-16 | 14s,29 M | 57",4 M |
| 10-28 | 14,14 M | 57,4 M |

**33886 P. — 46112-13 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 23h25m | 66°55' |
| 58 9-15 | 29s,74 G | |
| 11-22 | | 39",2 G |
| 10-30[1] | 29,74 G | |
| 59 11-18 | 29,67 G | |
| III. | 23h26m | 66°50' |
| 71 10-14 | 14s,44 G | 42",4 G |
| 74 9-17 | 14,50 M | 44,0 M |
| 75 10- 8 | 14,55 M | 43,7 M |

[1] 𝒜 augmentée de 0s,60 : erreur de moy.

**33887 P. — 46110 et 151 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 23h26m | 82°38' |
| 61 10- 3 | | 34",5 G |
| III. | 23h26m | 82°33' |
| 73 10-28 | 18s,06 M | |
| 11- 3 | 17,96 M | |
| 74 10-12 | 18,03 G | 36",4 G |
| 75 10-23 | 18,02 M | 35,2 M |
| 79 10- 4 | 18,01 M | 36,0 M |

**33888 P. — 46120-21 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 23h25m | 57°1' |
| 61 10-26 | 35s,14 G | 54",2 G |
| 66 9-28 | 35,21 G | 55,2 G |
| III. | 23h26m | 56°56' |
| 73 11- 3 | 19s,38 G | |
| 79 10- 7 | 19,39 G | |
| 11 19[1] | 19,52 G | 55",3 G |

[1] 𝒜 diminuée de 0s,60 : erreur de 1s sur 3 fils.

**33889 P. — 46119 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 23h25m | 59°19' |
| 67 11- 8 | | 38",0 G |

**33890 P. — 46114 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 23h25m | 91°36' |
| 57 8-13 | 36s,01 G | |
| III. | 23h26m | 91°31' |
| 78 10-20 | 21s,98 M | 56",7 M |

**33891 P. — 32524 Mn$_1$.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 23h25m | 87°46' |
| 60 10-29[1] | 41s,19 G | 0",1 G |

[1] 𝒫 augmentée de 1' : err. de réduct.

**33892 P. — 46116 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 23h25m | 99°55' |
| 54 10-27 | | 53",7 G |
| III. | 23h26m | 99°50' |
| 79 10-27 | 28s,13 J | 57",3 J |
| 10-30 | 28,24 J | 58,6 J |
| 12-20[1] | 28,27 J | 57,2 J |

[1] 𝒜 diminuée de 0s,15 : erreur de réd.

**33893 P. — 46117-18 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 23h24m | 93°52' |
| 41 9-10 | 57s,33 G | |
| 9-11 | 57,31 G | |
| II. | 23h25m | 93°47' |
| 55 9-19 | 43s,46 G | |
| 58 9- 9 | | 18",9 F |
| 9-11 | | 17,6 F |
| 61 10-15 | 43,58 G | 19,4 G |
| 62 9- 3 | 43,57 G | 20,1 G |
| 9-19[1] | 43,62 G | 18,7 G |
| 64 10-18 | 43,43 M | 19,8 M |
| III. | 23h26m | 93°42' |
| 76 10-18 | 29s,86 G | 23",2 G |

[1] 𝒫 augmentée de 1'.

**33894 P. — 46133 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 23h26m | 37°23' |
| 81 11-12 | | 31",2 G |

**33895 P. — 46122 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 23h25m | 87°23' |
| 60 11-18 | 45s,55 G | |
| III. | 23h26m | 87°18' |
| 71 9-18[1] | 31s,59 M | 39",9 M |
| 72 10-23 | 31,45 M | 29,2 M |
| 74 10-27 | 31,48 G | 29,6 G |

[1] 𝒫 non comprise dans la moyenne.

**33896 P. — 46127 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 23h25m | 100°14' |
| 58 8-20 | 55s,79 G | 15",3 G |
| 61 10-16 | 55,86 G | 18,0 G |
| III. | 23h26m | 100°9' |
| 78 10- 8 | 42s,53 M | 21",0 M |

**33897 P. — 46124 à 26 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 23h25m | 111°46' |
| 37 1- 4 | 9s,61 G | |
| 9- 8 | 9,53 G | 13",8 F |
| 9- 9 | 9,64 G | 13,4 F |
| 9-11 | 9,71 G | 13,3 F |
| 10- 3 | 9,51 G | |
| 10- 4 | 9,51 G | |
| 10- 9 | 9,56 G | |
| 10-10 | 9,51 G | |
| 10-11 | 9,43 G | 13,0 F |
| 10-12 | 9,14 G | |
| 38 10-30 | 9,61 G | |
| 40 9-30 | 9,48 G | |
| 10-31 | | 16,9 F |
| 11- 1 | 9,53 G | |
| 42 10- 6 | 9,44 G | 12,3 F |
| 10-16 | 9,65 G | |
| 10-17 | 9,48 G | |
| 10-19 | 9,46 G | |
| 10-20 | 9,47 G | |
| 10-24 | 9,49 G | |
| 10-28 | 9,52 G | 12,4 F |
| 46 9-22 | 9,39 G | |
| 10-21 | | 14,9 G |
| 12-24 | 9,36 G | 14,2 G |
| 47 7-12 | 9,41 G | |
| 48 12-10 | 9,24 G | |
| 50 9-21 | | 15,9 G |
| 53 7-21 | | 13,5 G |

**33898 P. — 46128 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 23h25m | 103°22' |
| 58 9-27 | | 50",7 F |
| 11-30 | | 50,8 G |
| III. | 23h26m | 103°17 |
| 81 10- 5 | 44s,97 M | 53",4 M |
| 10-21 | 44,60 M | 55,3 M |

**33899 P. — 46132 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 23h26m | 86°25' |
| 56 9- 2 | | 48",9 G |
| 9-23 | 2s,20 G | 48,1 G |
| III. | 23h26m | 86°20' |
| 71 9-19 | 48s,13 M | 50",3 M |

**33900 P. — 31872 Gould.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 23h25m | 122°8' |
| 48 9-17 | 12s,39 G | |

**33901 P. — 46139-40 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 23h26m | 44°33' |
| 80 9-27 | 54s,14 G | 57",2 G |
| 11- 8 | 54,14 G | 57,6 G |

**33902 P. — 549 W$_2$.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 23h26m | 66°22' |
| 58 9-10 | 14s,75 G | |

**33903 P. — 46138 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 23h26m | 86°7' |
| 56 10- 9 | 14s,53 G | 58",9 G |
| III. | 23h27m | 86°3' |
| 72 10-25 | 0s,40 G | 2",5 G |

**33904 P. — 46137 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 23h25m | 95°15' |
| 40 9-12 | 29s,62 G | |
| II. | 23h26m | 95°10' |
| 55 12-19 | | 24",6 G |
| 56 10-28 | 15s,95 G | |
| 59 10- 5 | | 25,6 G |
| 60 9-15 | 15,84 G | 25,3 G |
| 10-27 | 15,98 G | 24,7 G |
| 11-10 | 16,00 G | 25,4 G |
| 65 9-13 | | 24,8 M |
| III. | 23h27m | 95°5' |
| 76 11-10 | 2s,31 M | 27",9 M |

**33905 P. — 22904 A. O.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 23h26m | 110°53' |
| 59 9- 8 | 17s,78 G | |

### 33906 P. — 46143 L.

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h26m | 52°6′ |
| 59 11- 9[1] | | 6″,2 G |
| 61 10-24[2] | 21s,58 G | 1,6 G |
| 62 9-18 | 21,62 G | 0,3 G |
| 67 11- 6 | | 1,1 G |

[1] 𝒟 non comprise dans la moyenne.
[2] 𝒟 diminuée de 1′.

### 33907 P. — 3135 Br.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 23h25m | 18°51′ |
| 50 4-24 I | 56s,58 G | |

### 33908 P. — 46146 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 23h25m | 68°21′ |
| 37 1- 5 | 42s,70 G | 22″,0 F |
| 8-18 | 42,54 G | 19,5 F |
| 9-15 | 42,63 G | 20,8 F |
| 9-16 | 42,76 G | 22,3 F |
| 9-19 | 42,79 G | 20,8 F |
| 9-20 | 42,80 G | 21,5 F |
| 9-23 | | 20,0 F |
| 38 9- 3 | | 20,2 F |
| 40 8-30 | 42,94 G | 21,9 F |
| 8-31 | 42,90 G | 22,2 F |
| 10- 6 | 42,93 G | 22,6 F |
| 10- 7 | 42,82 G | |
| 10-10 | 42,82 G | 23,2 F |
| 10-12 | 42,79 G | |
| 11- 4 | 42,80 G | |
| 11-27 | | 21,8 F |
| 43 8- 8 | 42,77 G | 20,7 G |
| 8- 9 | 42,71 G | |
| 8-11 | 42,56 G | 19,0 F |
| 8-14 | | 21,6 G |
| 8-17 | 42,87 G | 21,8 G |
| 8-17[1] | | 17,4 F |
| 10-23 | 42,68 G | |
| 10-24 | | 21,7 G |
| 45 11-22 | 42,71 G | |
| 46 9-11 | | 20,2 G |
| 9-12 | 42,80 G | |
| 9-15 | 42,69 G | |
| 11- 2 | 42,65 G | |
| 11- 4 | 42,71 G | |
| 47 1- 5 | 42,83 G | |
| 52 10-31 | 42,91 G | |
| | II. | |
| | 23h26m | 68°16′ |
| 58 8- 8 | | 23″,8 G |
| 9-19 | 27s,64 G | 24,2 G |
| 10-20 | 27,78 G | 23,9 G |
| 63 9-15 | | 24,2 G |
| 9-27 | | 23,8 G |
| 64 1- 2 | | 24,1 G |
| 1- 7 | | 24,1 G |
| 10-20 | | 24,5 G |
| 10-21 | | 23,9 G |
| 65 9-19 | | 24,2 G |
| 9-20 | | 23,7 G |

[1] 𝒟 non comprise dans la moyenne.

### 33909 P. — 46149 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h26m | 66°25′ |
| 58 9-10 | 28s,08 G | |
| | III. | |
| | 23h27m | 66°20′ |
| 71 11-17 | 12s,97 G | |
| 74 9-19 | 12,88 M | 53″,6 M |
| 10-13 | 12,86 M | 52,7 M |

### 33910 P. — 46147-48 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 23h25m | 73°2′ |
| 46 8-26 | 44s,12 G | |
| | II. | |
| | 23h26m | 72°57′ |
| 56 8-13 | | 17″,8 G |
| 58 9-12 | | 17,6 G |
| 10-12 | 29s,43 G | |

### 33911 P. — 46142 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h26m | 93°0′ |
| 56 10- 4 | | 59″,1 G |
| 58 9-26 | 29s,89 G | 59,7 G |
| | III. | |
| | 23h27m | 92°56′ |
| 76 10-12 | 16s,21 G | 3″,5 G |

### 33912 P. — 46154-55 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 23h27m | 47°50′ |
| 80 11-15 | 16s,90 G | 56″,1 G |
| 81 11-17 | 16,93 G | 57,1 G |

### 33913 P. — 46150 L

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h26m | 85°12′ |
| 57 9-20 | 32s,90 G | 44″,3 G |
| | III. | |
| | 23h27m | 87°7′ |
| 71 10-23 | 18s,98 M | 47″,0 M |
| 74 10-10 | 18,67 G | 47,9 G |
| 75 11-22 | 18,39 G | |

### 33914 P. — 46153 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 23h25m | 68°31′ |
| 43 10- 5 | 51s,19 G | |
| | II. | |
| | 23h26m | 68°26′ |
| 59 9-16 | 35s,90 G | 39″,5 G |

### 33914 P. (suite).

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 23h27m | 68°21′ |
| 71 10-23 | 20s,84 G | 40″,4 G |

### 33915 P. — 6117 $R_1$.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 23h27m | 4°17′ |
| 53 4- 2 I | 7s,37 G | |
| 5- 1 I | 6,55 G | |
| 11- 3 | 8,67 G | |

### 33916 P. — 46157 L

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 23h27m | 49°3′ |
| 80 11- 3 | 23s,29 G | 13″,4 G |

### 33917 P. — 46144-45 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h26m | 115°38′ |
| 58 10-29 | 37s,74 G | 2″,2 G |
| 10-31 | 37,96 G | 0,7 G |

### 33918 P. — 46156 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h26m | 60°53′ |
| 58 10- 4 | 42s,82 G | 47″,9 G |
| 59 11-14 | | 48,7 G |
| | III. | |
| | 23h27m | 60°48′ |
| 71 11-19 | 27s,34 G | |

### 33919 P. — 46158 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h26m | 59°45′ |
| 58 10-16 | 43s,94 G | 25″,7 G |
| | III. | |
| | 23h27m | 59°40′ |
| 71 10-12 | 28s,03 G | |
| 73 10- 9 | 27,99 G | 27″,6 G |
| 10-13 | 27,95 G | 27,8 G |
| 10-16 | 27,97 G | 27,1 G |
| 10-17 | 28,32 G | 28,2 G |
| 11-13 | 27,99 G | |

### 33920 P. — 535 $W_1$.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h26m | 82°45′ |
| 62 9-22 | 48s,90 G | 9″,4 G |

### 33921 P. — 46161 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 23h26m | 70°0′ |
| 43 10-19 | | 51″,4 G |

### 33921 P. (suite).

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h26m | 69°55′ |
| 57 9- 6 | 54s,20 G | 52″,9 G |
| 58 9- 8 | | 53,4 F |
| 9-11 | 54,12 G | 54,3 G |
| 9-20 | 54,09 G | 54,9 G |
| 10- 2 | | 53,0 G |

### 33922 P. — 46159 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h26m | 104°21′ |
| 59 11-11 | 54s,46 G | 36″,6 G |
| | III. | |
| | 23h27m | 104°16′ |
| 78 10-10 | 41s,10 M | 38″,3 M |

### 33923 P. — 46160 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 23h26m | 92°6′ |
| 39 9-10 | | 6″,0 F |
| 9-11 | | 7,5 F |
| 11- 8 | 10s,77 G | |
| 11- 9 | 10,85 G | |
| 41 9-20 | 10,94 G | |
| 42 10- 9 | 10,87 G | |
| 10-10 | 10,79 G | |
| 10-11 | 10,97 G | |
| 10-13 | 10,83 G | |
| 47 10-15 | 10,95 G | |
| 11-12 | 10,90 G | 12,1 G |
| 49 10-18 | 10,93 G | |
| 10-19 | 11,01 G | |
| | II. | |
| | 23h26m | 92°1′ |
| 55 10-15 | 56s,99 G | 12″,2 G |
| 56 10-26 | 56,98 G | |
| 64 9-28 | 57,20 M | 12,8 M |
| | III. | |
| | 23h27m | 91°56′ |
| 76 11-10 | 43s,20 G | 14″,9 G |
| 77 10-18 | 43,25 M | 15,4 M |
| 10-20 | 43,28 M | 16,1 M |

### 33924 P. — 5353 A + 20°.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h26m | 69°51′ |
| 57 9- 6 | 58s,17 G | |

### 33925 P. — 46164 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 23h26m | 59°31′ |
| 49 10- 1 | | 46″,3 G |
| 10-18 | | 47,6 G |
| 10-25 | | 46,7 G |
| 51 12-26 | | 47,0 G |

### 33925 P. (suite).

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|
| II. | $23^h27^m$ | 59°26' |
| 59 10-27 | | 50",0 G |
| 61 11-10 | 0s,69 G | |
| 62 9- 5 | 0,60 G | |
| 9- 8 | 0,79 G | 48,5 G |
| 9-11 | 0,90 G | |
| 10-14 | 0,76 G | |
| 10-16 | 0,79 G | 49,0 G |
| 63 9-15 | 0,78 G | |
| 9-18 | 0,75 G | |
| 9-19 | 0,84 G | |
| 9-27 | 0,71 G | |
| 10-16 | 0,74 G | |
| 10-19 | 0,78 G | |
| 10-23 | 0,72 G | |
| 10-25 | 0,78 G | |
| 64 9-17 | 0,89 G | |
| 9-21 | 0,89 G | |
| 9-22 | 0,63 G | |
| 9-23 | 0,91 G | |
| 9-26 | 0,84 G | |
| 9-29 | 0,84 G | |
| 10-17 | 0,96 G | |
| 10-27 | 0,76 G | |
| 11- 8 | 0,77 G | |
| 65 10-23 | 0,78 G | |
| 11- 1 | 0,85 G | |
| 11-12 | 0,89 G | |
| 66 10- 8 | 0,71 G | 48,7 G |
| 10-17[1] | 0,59 G | 52,1 G |
| 67 10-31 | | 48,7 G |

[1] 𝒜 augmentée de 0s,50 : erreur de moy.

### 33926 P. — 46168 L.

| Dates | 𝒜. | 𝒫. |
|---|---|---|
| III. | $23^h27^m$ | 44°0' |
| 81 11- 9 | 46s,97 G | 28",7 G |

### 33927 P. — 540 W₁.

| Dates | 𝒜. | 𝒫. |
|---|---|---|
| II. | $23^h27^m$ | 82°47' |
| 61 10-18[1] | 2s,65 G | 52",8 G |

[1] 𝒫 augmentée de 5'.

### 33928 P. — 46163 L.

| Dates | 𝒜. | 𝒫. |
|---|---|---|
| II. | $23^h27^m$ | 79°35' |
| 58 11- 3 | 3s,96 G | |
| 61 11-23 | 4,01 G | 28",4 G |
| III. | $23^h27^m$ | 79°30' |
| 79 10-30 | 49s,60 G | 31",1 G |

### 33929 P. — 8213 B. A. C.

| Dates | 𝒜. | 𝒫. |
|---|---|---|
| I. | $23^h27^m$ | 3°32' |
| 51 12-29 I | | 50",6 G |
| 12-29 I | | 49,4 F |
| 12-30 | | 50,5 G |

### 33929 P. (suite).

| Dates | 𝒜. | 𝒫. |
|---|---|---|
| I. | $23^h27^m$ | 3°32' |
| 51 12-30 | | 50",7 F |
| 12-31 | | 49,7 F |
| 52 1-22 I | | 50,8 F |
| 12- 8 I | | 50,6 F |
| 12-10 | | 52,2 F |
| 12-10 I | | 51,7 G |
| 12-10 I | | 50,8 F |
| 12-11 | | 50,3 G |
| 12-11 I | | 51,0 G |
| 12-11 I | | 50,8 F |
| 12-13 I | | 52,8 F |
| 12-15 | | 51,0 G |
| 12-17 | | 52,4 F |
| 12-18 | | 51,0 G |
| 12-18 | | 50,7 F |
| 12-19 | | 50,0 F |
| 12-19 I | | 50,0 F |
| 12-20 | | 50,2 F |
| 12-28 I | | 51,3 G |
| 53 1- 8 I | | 52,8 F |
| 5- 1 I | 48s,24 G | |
| 5-10 I | 48,70 G | |
| 5-13 I | 49,26 G | |
| 5-18 I | | 49,2 F |
| 11- 3 | 48,58 G | |
| 11- 9 | 47,77 G | |
| 11-29 | 48,42 G | |
| II. | $23^h27^m$ | 3°27' |
| 63 4-13 I | 49s,36 G | |
| 4-14 I | 50,19 G | |
| 4-23 I | 49,53 G | |
| 10-15 | 49,96 G | |
| 64 3-19 I | 51,39 G | |
| 3-23 I | 51,38 G | |
| 3-25 I | 49,14 G | |
| 4- 7 I | 49,37 G | |
| 9-30 | 50,45 G | |
| 10- 1 | 50,83 G | |
| 11- 3 | 52,82 G | |
| 65 10- 5 | 49,60 G | |
| 10- 6 | 49,77 G | |
| 10- 7 | 49,11 G | |
| III. | $23^h27^m$ | 3°22' |
| 69 4- 5 I | 49s,85 G | |
| 4-13 I | 51,03 G | |
| 4-19 I | 49,77 G | |
| 4-22 I | 48,18 G | |
| 4-24 I | 49,47 G | |
| 4-28 I | 50,24 G | 55",1 G |
| 73 3-24 I | 50,22 G | |
| 78 10- 2 | 51,89 J | 56,6 J |
| 10-12 | | 56,1 J |
| 10-15 | | 56,7 J |
| 10-22 | | 55,2 J |
| 10-23 | 51,14 J | 54,1 J |
| 10-25 | 50,71 M | |
| 10-26 | 51,09 J | 53,5 J |
| 11- 9 | | 54,7 J |
| 79 3-28 I | | 54,6 J |
| 4- 3 I | | 55,7 J |
| 4- 5 I | 50,05 G | |
| 4- 9 I | 52,30 G | |
| 4-12 I | 50,98 G | |
| 9-26 | | 56,5 G |
| 9-27 | | 56,6 G |
| 80 3-22 I | 50,54 M | |
| 3-25 I | 52,00 J | 53,2 J |
| 3-26 I | 51,87 G | 52,8 G |
| 5- 5 I | 52,11 G | |

### 33929 P. (suite).

| Dates | 𝒜. | 𝒫. |
|---|---|---|
| III. | $23^h27^m$ | 3°27' |
| 80 9-16 | | 51",6 M |
| 9-16 | | 55,6 G |
| 9-24 | | 54,8 M |
| 9-26 | | 56,0 M |
| 9-26 | | 55,9 G |
| 9-28 | | 55,2 G |
| 9-29[1] | | 55,5 G |
| 9-30 | | 55,1 G |
| 9-30[2] | | 56,4 J |
| 10- 1 | | 56,3 J |
| 10- 4 | | 58,5 M |
| 10- 4 | | 51,8 G |
| 10- 4 | | 58,4 G |
| 10-11 | | 55,4 M |
| 10-11[3] | | 56,5 G |
| 10-11 | | 57,3 J |
| 10-12 | | 56,5 G |
| 10-14 | | 53,8 M |
| 10-14 | | 56,2 J |
| 10-18 | | 56,2 M |
| 10-18 | | 56,6 G |
| 10-18 | | 57,0 J |
| 10-24 | | 55,4 M |
| 10-24 | | 56,4 G |
| 10-24 | | 55,6 J |
| 10-25 | | 55,1 M |
| 10-25 | | 55,1 G |
| 10-25 | | 55,9 J |
| 10-30 | 51s,11 G | 56,1 G |
| 10-30 | | 56,3 J |
| 11- 3 | | 55,8 J |
| 11- 4[4] | | 63,1 M |
| 11- 4 | 51,81 G | 57,1 G |
| 11- 4 | | 55,0 J |
| 11- 8 | | 56,0 J |
| 11-10 | | 55,3 J |
| 11-15 | | 55,7 J |
| 81 3-22 I | 52,78 G | |
| 3-30 I | 50,92 M | 55,7 M |
| 3-31 I | 51,81 M | 55,3 M |
| 4-12 I | 49,19 G | 56,0 M |
| 4-14 I | 50,08 G | 57,1 M |
| 4-15 I | | 54,5 J |
| 4-21 I | | 56,3 M |
| 4-21 I | | 52,6 G |
| 4-23 I | | 56,8 M |
| 4-23 I | | 57,9 G |
| 4-26 I | | 56,1 M |
| 4-26 I | | 55,2 G |
| 4-26 I | | 55,2 J |
| 4-28 I | | 54,7 M |
| 4-28 I | | 55,6 J |
| 4-29 I | | 54,8 M |
| 4-29 I | | 54,1 G |
| 4-29 I | | 55,2 J |
| 5- 5 I[5] | | 60,4 M |
| 5- 5 I | | 56,2 J |
| 9-26 | 50,92 J | 54,9 J |
| 9-27 | 50,80 G | 56,2 G |
| 9-27 | 50,95 J | 55,3 J |
| 9-28 | 51,10 M | 54,9 M |
| 9-28 | 51,21 G | 54,6 G |
| 9-29 | 50,36 M | 54,0 M |
| 9-29 | 50,69 J | |
| 9-30 | 50,83 M | 54,0 M |
| 9-30 | 51,41 J | 55,3 J |
| 10- 1 | 49,76 M | 55,0 M |
| 10- 1 | 51,31 G | 55,2 G |
| 10- 4 | | 57,2 M |
| 10- 4 | | 56,2 G |
| 10- 4 | | 55,6 J |
| 10- 5 | | 56,9 J |
| 10-14 | | 55,2 M |
| 10-14 | | 56,0 G |

### 33929 P. (suite).

| Dates | 𝒜. | 𝒫. |
|---|---|---|
| III. | $23^h27^m$ | 3°27' |
| 81 10-15 | | 56",0 M |
| 10-15 | | 56,1 G |
| 10-15 | | 54,9 J |
| 10-17 | | 55,7 M |
| 10-17 | | 55,8 G |
| 10-17 | | 55,1 J |
| 10-18 | | 55,4 M |
| 10-18 | | 54,9 G |
| 10-18 | | 56,2 J |
| 10-19 | | 56,1 M |
| 10-21 | | 55,2 M |
| 10-21 | | 55,1 G |
| 10-22 | | 55,5 M |
| 10-22 | | 54,6 G |
| 10-29 | | 56,4 M |
| 10-29 | | 56,6 G |
| 10-29 | | 55,8 J |
| 10-30 | | 55,7 G |
| 10-30 | | 55,4 J |
| 10-31[6] | | 58,6 M |
| 10-31 | | 56,5 G |
| 11- 4 | | 56,2 M |
| 11- 4 | 51s,89 J | 55,9 J |
| 11-28 | | 55,4 G |

[1] 𝒫 diminuée de 3",1 : erreur de réduct.
[2] 𝒫 diminuée de 1'.
[3] 𝒫 diminuée de 2'.
[4] 𝒫 non comprise dans la moyenne.
[5] 𝒫 Non comprise dans la moyenne 3 microscopes paraissent en erreur de 10".
[6] 𝒫 augmentée de 1'16" : erreur de réduct.

### 33930 P. — 46162 L.

| Dates | 𝒜. | 𝒫. |
|---|---|---|
| II. | $23^h27^m$ | 100°28' |
| 55 10- 6 | 4s,47 G | |
| 58 11-12 | 4,39 G | 55",3 G |
| 60 11- 2 | 4,38 G | |
| 61 9-18 | 4,39 G | 56,8 G |
| 10-12 | 4,49 G | 55,6 G |
| 62 9-25[1] | 4,61 G | 57,7 G |
| 67 10-21 | 4,46 M | 57,1 M |

[1] 𝒜 diminuée de 1s.

### 33931 P. — 46174 à 76 L.

| Dates | 𝒜. | 𝒫. |
|---|---|---|
| II. | $23^h27^m$ | 46°52' |
| 58 11-11 | 10s,40 G | 9",6 G |
| 62 9-20[1] | 10,06 G | 9,4 G |

[1] 𝒫 diminuée de 3' : err. de réduct.

### 33932 P. — 6775 Sf. — 17e.

| Dates | 𝒜. | 𝒫. |
|---|---|---|
| II. | $23^h27^m$ | 107°53' |
| 58 10- 8 | | 8",5 G |

### 33933 P. — 46166-67 L.

| Dates | 𝒜. | 𝒫. |
|---|---|---|
| II. | $23^h27^m$ | 82°3' |
| 55 11-26[1] | 12s,43 G | |
| 61 10-19 | 12,62 G | 34",8 G |

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|

**33933 P. (suite).**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 23h27m | 81°58' |
| 72 10-22 | 58s,14 G | 37",5 G |
| 11- 7 | 58,19 G | |
| 74 10-10 | 58,24 M | 36,1 M |
| 11- 4 | 58,38 G | 38,5 G |
| 11- 5 | 58,19 G | 37,9 G |
| 11- 6 | 58,20 G | 36,2 G |

[1] 𝒜 augm. de 0s,40 : erreur de transc.

**33934 P. — 544 W1.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 23h26m | 88°51' |
| 49 9-25 | 27s,96 G | |
| 9-26 | 27,95 G | |

**33935 P. — 46172 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 23h27m | 78°24' |
| 58 8- 6 | 16s,21 G | |
| 10- 7 | | 17",8 G |
| 59 9-11 | 16,00 G | 17,8 G |

**33936 P. — 46169 et 71 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 23h26m | 85°23' |
| 37 9-20 | | 8",3 F |
| 10- 4 | 30s,03 G | |
| 38 10-30 | 30,04 G | |
| 39 8-24 | | 7,0 F |
| 40 10- 9 | 29,90 G | |
| 41 8-18 | 29,94 G | |
| 8-20 | 29,95 G | |
| 46 10-23 | 30,23 G | |
| II. | 23h27m | 85°18' |
| 55 9-17 | | 9",6 G |
| 10-16 | 15s,89 G | 7,6 G |
| 58 9-13 | 15,71 G | 10,3 G |
| III. | 23h28m | 85°13' |
| 71 10-16 | 1s,89 M | 12",2 M |
| 74 11- 3 | 1,90 G | 13,4 G |
| 79 11- 9 | 1,97 J | 13,2 J |

**33937 P. — 46173 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 23h27m | 87°29' |
| 55 11-15 | 18s,71 G | |
| 58 9-28 | 18,78 G | 47",0 G |
| 60 11-18 | 18,98 G | |
| III. | 23h28m | 87°24' |
| 81 9-27 | 4s,80 M | 49",3 M |

**33938 P. — 46165 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 23h27m | 107°46' |
| 54 11-11 | 17s,58 G | |
| 67 10-22 | 17,90 M | 16",1 M |
| III. | 23h28m | 107°41' |
| 79 9-10 | 4s,91 M | 16",5 M |

**33939 P. — 32558 Mn1.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 23h26m | 89°38' |
| 39 10- 8 | 36s,63 G | |
| 45 9-24[1] | 36,58 G | |

[1] 𝒜 diminuée de 2m : err. de transcr.

**33940 P. — 46178 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 23h27m | 64°3' |
| 58 11- 1 | 27s,86 G | 26",5 G |
| III. | 23h28m | 63°58' |
| 71 11-20 | 12s,41 G | |
| 74 9-19 | 12,67 G | 29",3 G |
| 9-25 | | 31,3 G |

**33941 P. — 46180 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 23h27m | 62°48' |
| 58 11-10 | 29s,18 G | 18",0 G |
| 59 10-22[1] | 29,38 G | |
| III. | 23h28m | 62°43' |
| 79 10- 6 | 14s,20 M | 19",8 M |
| 10- 7 | 14,10 M | 19,4 M |

[1] 𝒜 augmentée de 1s,20 : erreur de moy. et erreur de 1s sur 1 fil.

**33942 P. — 46179 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 23h27m | 65°30' |
| 58 10-17 | 29s,73 G | 54",0 G |
| 11- 4 | 29,52 G | 53,0 G |

**33943 P. — 46177 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 23h26m | 106°5' |
| 40 11- 1 | 45s,11 G | |
| 42 10-17 | 45,15 G | |
| 10-20 | | 54",1 G |

**33943 P. (suite).**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 23h27m | 106°0' |
| 54 8-25 | 31s,99 G | |
| 8-27 | | 57",2 G |
| 58 11- 2 | 32,14 G | |
| 12- 1 | 31,95 G | 59,1 G |
| 59 10-17 | 32,03 G | |

**33944 P. — 46182 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 23h27m | 56°25' |
| 67 10-28[1] | | 3",3 G |
| III. | 23h28m | 56°20' |
| 69 9-28 | 23s,26 M | 5",7 M |
| 73 10-28 | 23,44 G | 4,2 G |
| 74 9-15 | 23,36 M | 6,3 M |
| 10-12 | 23,22 M | 5,1 M |
| 10-24 | 23,45 M | 6,6 M |
| 10-26 | 23,28 M | 5,3 M |

[1] 𝒟 augmentée de 30" : erreur de moy.

**33945 P. — 46181 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 23h27m | 78°13' |
| 58 10- 5 | 38s,18 G | 17",6 G |
| III. | 23h28m | 78°8' |
| 79 10-11 | 23s,80 G | 18",6 G |
| 10-12 | 23,65 G | 22,0 G |

**33946 P. — 46185 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 23h26m | 57°21' |
| 50 9-17 | 59s,01 G | |
| 52 10-30 | 59,01 G | |
| II. | 23h27m | 57°16' |
| 66 10-15 | | 35",5 G |
| 67 10-30 | | 36,2 G |
| III. | 23h28m | 57°11' |
| 74 10-27 | 27s,49 M | 37",6 M |
| 11- 4 | 27,54 M | 37,4 M |

**33947 P. — 46189-90 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 23h27m | 50°32' |
| 61 11-17 | 46s,97 G | |
| 66 9-15 | 47,07 G | |
| 9-17 | 47,18 G | |
| 10-16 | 46,86 G | |
| 67 11-13 | | 5",9 G |

**33947 P. (suite).**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 23h28m | 50°27' |
| 68 10-29 | 30s,68 G | 9",7 G |
| 74 9- 8 | 30,71 G | 7,9 G |
| 9-17 | | 8,2 G |
| 9-30 | | 8,7 G |
| 10- 3 | | 8,1 G |
| 10-24 | 30,81 G | 8,3 G |
| 10-26 | 30,75 G | 6,8 G |

**33948 P. — 46192 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 23h28m | 54°29' |
| 74 11- 6 | 34s,49 M | 10",9 M |
| 79 10-27 | 34,70 G | 10,0 G |

**33949 P. — 46183 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | 23h27m | 98°32' |
| 37 10-11[1] | 4s,03 G | |
| 39 9-11 | | 4",4 F |
| 9-13 | | 2,8 F |
| 9-22 | 3,86 G | |
| 41 10-11 | 3,96 G | 3,8 F |
| 10-12 | 4,10 G | |
| II. | 23h27m | 98°27' |
| 55 9-26 | 50s,51 G | 6",9 G |
| 57 9-15 | | 3,9 G |

[1] Erreur dans la déclinaison indiquée : la hauteur a été augmentée à tort de 4° : le registre portait primitivement ★ h = 32° 25'.

**33950 P. — 561 W1.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 23h27m | 78°5' |
| 58 9-27 | 52s,32 G | |

**33951 P. — 46195-96 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | 23h28m | 52°40' |
| 68 10-13 | 38s,16 G | 2",2 G |
| 74 10-14 | 38,26 M | 1,2 M |
| 81 10- 1[1] | 38,50 J | 1,4 J |

[1] 𝒜 diminuée de 1m.

**33952 P. — 46186 L.**

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | 23h27m | 94°29' |
| 56 9-25 | | 29",6 G |
| 61 11- 9 | 53s,94 G | 28,0 G |
| III. | 23h28m | 94°24' |
| 78 9-26 | 40s,19 G | 32",0 G |
| 10- 8 | 40,38 J | 31,6 J |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜, 𝒫)

**33953 P. — 46184 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 23h27m | 109°20′ |
| 54 9- 6 | 53s,35 G | |
| 62 10-10 | 53,54 G | 43″,2 G |
| 67 10-26 | 53,62 M | 44,6 M |
| | III. | |
| | 23h28m | 109°15′ |
| 78 10-22 | 40s,51 M | 43″,5 M |

**33954 P. — 46191 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 23h27m | 90°34′ |
| 56 11- 6 | | 54″,6 G |
| 61 10-14 | 56s,83 G | 55,5 G |

**33955 P. — 46187 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 23h27m | 102°21′ |
| 54 8-29 | 56s,94 G | |

**33956 P. — 46203-04 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | III. | |
| | 23h28m | 47°29′ |
| 81 10-16 | | 18″,1 G |

**33957 P. — 46198 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | I. | |
| | 23h27m | 66°25′ |
| 40 10-10 | 15s,69 G | |
| 10-12 | 15,76 G | |
| 10-13 | 15,77 G | |
| | II. | |
| | 23h28m | 66°20′ |
| 57 12-18 | 0s,21 G | 48″,1 G |
| 12-27 | 0,32 G | |
| 58 11-22 | 0,32 G | 47,5 G |
| 59 11-13 | | 48,1 G |

**33958 P. — 46201 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 23h28m | 58°56′ |
| 59 10-26 | | 16″,3 G |
| 61 9-28 [1] | | 16,8 G |

[1] 𝒫 augmentée de 5″ : erreur de 10″ sur l'un des deux microscopes lus.

**33959 P. — 46197 L**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 23h28m | 74°17′ |
| 59 11-12 | 1s,72 G | 29″,1 G |

**33959 P. (suite).**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | III. | |
| | 23h28m | 74°12′ |
| 79 10-16 | 47s,12 G | |
| 11-15 | 47,35 G | 32″,4 G |

**33960 P. — 46194 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | I. | |
| | 23h27m | 94°42′ |
| 37 10-11 | | 43″,8 F |
| 39 8-24 | | 40,9 F |
| 40 9-12 [1] | 15s,93 G | |
| 42 10- 6 | 15,94 G | |
| | II. | |
| | 23h28m | 94°37′ |
| 55 8-17 | | 41″,8 G |
| 56 9- 5 | 2s,03 G | 43,3 G |
| 9-25 | 2,18 G | |
| | III. | |
| | 23h28m | 94°32′ |
| 78 9-18 | 48s,60 G | |
| 9-19 | 48,68 G | 44″,9 G |
| 9-20 | 48,55 G | |
| 10-13 | 48,56 M | 44,8 M |

[1] Erreur de 1° dans la déclin. indiquée.

**33961 P. — 46200 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 23h28m | 78°6′ |
| 56 9- 8 | 5s,69 G | |
| 58 9-27 | 5,84 G | 34″,4 G |
| 10- 1 | 5,62 G | 34,8 G |

**33962 P. — 46206 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 23h28m | 79°48′ |
| 55 10-19 | 10s,03 G | |
| 57 8-27 | 10,13 G | |
| 9- 9 | 9,95 G | |
| 11-30 | 10,02 G | |
| 61 9-26 | 9,96 G | 53″,5 G |
| | III. | |
| | 23h28m | 79°43′ |
| 71 9-18 | 55s,74 M | |

**33963 P. — 46199 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 23h28m | 107°21′ |
| 54 9- 8 | | 22″,3 G |
| 56 11-14 | 10s,56 G | 22,0 G |

**33964 P. — 46207 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | I. | |
| | 23h27m | 88°38′ |
| 48 10-25 | 26s,55 G | |
| 10-26 | 26,52 G | |
| 10-27 | 26,60 G | |

**33964 P. (suite).**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 23h28m | 88°33′ |
| 56 8- 9 | 12s,44 G | |
| 10-25 | | 39″,3 G |

**33965 P. — 46211 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 23h28m | 65°29′ |
| 58 9- 8 | 14s,31 G | 15″,8 G |
| 10-15 | 14,44 G | 15,6 G |

**33966 P. — 571 $W_1$.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | III. | |
| | 23h28m | 101°14′ |
| 77 10-13 [1] | 59s,46 M | 45″,9 M |
| 11- 5 | 59,45 M | 44,6 M |
| 11-12 | 59,41 M | 44,9 M |
| 11-13 | 59,38 M | 45,4 M |

[1] 𝒜 diminuée de 2s : erreur de 4s sur les 3 derniers fils.

**33967 P. — 22922 A.O.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | I. | |
| | 23h27m | 113°28′ |
| 44 10-31 | 27s,53 G | |

**33968 P. — 46202 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 23h28m | 118°15′ |
| 55 8-17 | 16s,66 G | |
| 9-23 | | 30″,5 G |

**33969 P. — 11367 Rümker.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | I. | |
| | 23h27m | 98°0′ |
| 49 9- 3 | 31s,38 G | |

**33970 P. — 46210 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | I. | |
| | 23h27m | 98°19′ |
| 39 9-18 | 32s,13 G | |
| 9-19 | 32,08 G | |
| | II. | |
| | 23h28m | 98°14′ |
| 55 10- 2 | 18s,59 G | 19″,0 G |
| | III. | |
| | 23h29m | 98°9′ |
| 79 9-26 [1] | 4s,48 J | 21″,1 J |

[1] 𝒜 non inscrite au Catalogue : observation faite à deux fils très discordants.

**33971 P. — 46212 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | I. | |
| | 23h27m | 89°32′ |
| 41 9-11 | 33s,37 G | |
| 49 9-17 | 33,16 G | 32″,4 G |
| 9-21 | 33,16 G | |
| 9-23 | 33,27 G | 33,3 G |
| 52 10-25 | 33,08 G | |
| | II. | |
| | 23h28m | 89°27′ |
| 55 11- 2 | 19s,12 G | |
| 56 10-25 | 18,96 G | |
| 58 8-23 | 19,00 G | 35″,6 G |
| 60 11-26 | 19,19 G | 33,9 G |

**33972 P. — 46214-15 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 23h28m | 82°15′ |
| 55 11-11 | 19s,87 G | |
| 56 8- 5 | 19,81 G | |
| 8- 7 | 19,88 G | |
| 9-27 | 19,77 G | |
| 10- 1 | | 12″,6 G |
| 11- 5 | 19,73 G | |
| | III. | |
| | 23h29m | 82°10′ |
| 72 10-29 | 5s,51 G | 16″,8 G |
| 74 10-31 | 5,66 G | 14,9 G |

**33973 P. — 46221 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 23h28m | 59°45′ |
| 57 12-24 | 26s,23 G | |
| 58 10-16 | 26,27 G | 59″,5 G |
| | III. | |
| | 23h29m | 59°40′ |
| 71 11- 5 | 11s,15 G | 59″,0 G |

**33974 P. — 46216 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | I. | |
| | 23h27m | 106°9′ |
| 42 10-17 | 38s,46 G | |
| 10-20 | | 14″,0 F |
| | II. | |
| | 23h28m | 106°4′ |
| 58 8-20 | 25s,30 G | 16″,5 G |
| | III. | |
| | 23h29m | 105°59′ |
| 78 10- 3 | 12s,23 M | 20″,9 M |
| 10-20 | 12,23 M | 19,0 M |
| 10-26 | 12,11 M | 19,8 M |

**33975 P. — 46219-20 L.**

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 23h28m | 82°23′ |
| 56 8- 5 | 28s,52 G | |
| 60 10- 6 | 28,38 G | 22″,6 G |

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. ℛ. | 𝒟. |
|---|---|---|

### 33975 P. (suite).

| | III. 23h29m | 82°18' |
|---|---|---|
| 71 9-19 | 14s,32 M | 25",7 M |

### 33976 P. — 46224 L.

| | II. 23h28m | 62°45' |
|---|---|---|
| 58 10-30 | 30s,62 G | |
| 11- 7 | 30,41 G | 11",3 G |
| 59 11-18 | 30,61 G | |
| | III. 23h29m | 62°40' |
| 79 10- 4 | 15s,11 M | 12",7 M |

### 33977 P. — 46217 L.

| | II. 23h28m | 104°13' |
|---|---|---|
| 54 12- 6 | | 44",1 G |
| 67 10-23 | 28s,98 M | 44,7 M |
| | III. 23h29m | 104°8' |
| 79 10-30 | 15s,64 M | 46",7 M |

### 33978 P. — 46233 L.[1]

| | III. 23h29m | 59°31' |
|---|---|---|
| 74 10-16 | 15s,69 M | 10",9 M |
| 11- 5[2] | 15,69 M | 11,4 M |

[1] L'asc. droite de Lalande doit être diminuée de 9s : erreur de réduct. de Baily.

[2] 𝒟 augmentée de 0",50 : erreur de 1s sur trois fils.

### 33979 P. — 46222 L.

| | II. 23h28m | 76°10' |
|---|---|---|
| 58 10- 9 | | 49",0 G |
| 60 10-26 | 32s,61 G | 49,1 G |
| 11- 3 | 32,22 G | 49,0 G |
| 61 11- 3 | 32,50 G | |

### 33980 P. — 46227 L.

| | II. 23h28m | 58°34' |
|---|---|---|
| 59 11-19 | | 32",8 G |
| 60 10-29 | 34s,92 G | 27,1 G |
| 62 9-19 | | 31,7 G |
| | III. 23h29m | 58°29' |
| 79 11- 9 | 19s,13 G | 34",3 G |

### 33981 P. — 46225 L.

| | III. 23h29m | 88°36' |
|---|---|---|
| 73 10-28 | 22s,72 M | |
| 74 10-12 | 22,76 G | 58",0 G |
| 10-16 | 22,77 G | |
| 10-28 | 22,67 G | 60,4 G |

### 33982 P. — 607 W2.

| | II. 23h28m | 65°31' |
|---|---|---|
| 58 9- 8 | 40s,50 G | |

### 33983 P. — 46226 L.

| | II. 23h28m | 101°27' |
|---|---|---|
| 57 11-27 | 42s,70 G | 40",8 G |
| | III. 23h29m | 101°22' |
| 78 11- 9 | 29s,28 J | 43",4 J |
| 79 10-27 | 29,26 J | 43,8 J |
| 10-30 | 29,25 J | 42,3 J |

### 33984 P. — 46232 L.

| | II. 23h28m | 88°19' |
|---|---|---|
| 56 10-19 | 45s,39 G | |
| 10-30 | 45,21 G | 41",6 G |
| 57 9-25 | 45,27 G | |
| | III. 23h29m | 88°14' |
| 71 10-23 | 31s,61 M | 43",6 M |
| 72 10-25 | 31,25 G | 43,2 G |

### 33985 P. — 585 W1.

| | II. 23h28m | 101°28' |
|---|---|---|
| 57 11-27 | 45s,87 G | |

### 33986 P. — 46229 L.

| | II. 23h28m | 99°32' |
|---|---|---|
| 55 9-19 | 46s,48 G | |
| 59 10- 5 | | 19",7 G |
| | III. 23h29m | 99°27' |
| 75 11- 2 | 33s,16 M | 21",8 M |
| 77 10-15 | 33,13 M | 21,0 M |
| 10-16 | 32,93 M | 22,7 M |

### 33987 P. — 611 W2.

| | II. 23h28m | 58°36' |
|---|---|---|
| 60 10-29 | 48s,80 G | 20",8 G |
| 62 9-19 | 48,75 G | 20,5 G |

### 33988 P. — 46228 L.

| | I. 23h28m | 117°44' |
|---|---|---|
| 39 9-15 | 0s,39 G | |
| | II. 23h28m | 117°39' |
| 58 11-10 | | 2",4 F |

### 33989 P. — 46242 L.

| | III. 23h29m | 50°39' |
|---|---|---|
| 81 10-19 | 38s,07 J | 2",7 J |
| 10-29 | 37,97 J | 2,8 J |

### 33990 P. — 46239 L.

| | II. 23h28m | 66°12' |
|---|---|---|
| 57 12-27 | 55s,81 G | |
| 60 9-15 | 55,68 G | 48",5 G |
| 10- 3 | 55,65 G | 47,1 G |
| 11-10 | 55,73 G | 47,3 G |

### 33991 P. — 46240-41 L.

| | II. 23h28m | 62°54' |
|---|---|---|
| 58 9-15 | 56s,81 G | |
| 9-24 | 56,92 G | 31",8 G |
| 10- 2 | 56,98 G | 32,5 G |
| 59 10-22 | 56,80 G | |
| | III. 23h29m | 62°49' |
| 71 10-14 | 41s,41 G | 33",7 G |
| 10-23 | 41,35 G | 34,7 G |
| 11-13 | 41,51 G | |
| 74 9-17 | 41,62 M | 34,7 M |
| 11-11 | 41,48 M | 33,1 M |
| 75 10- 8 | 41,58 M | 34,0 M |

### 33992 P. — 589 W1.

| | II. 23h28m | 87°37' |
|---|---|---|
| 56 8-26 | 56s,34 G | |
| 8-31 | 56,34 G | |
| 9- 1 | 56,41 G | |
| 9-26[1] | | 13",6 G |
| 10- 5[1] | | 14,1 G |
| 60 11-18 | 56,61 G | |

[1] Erreur de 20m dans l'asc. droite indiquée : l'observation est faite après celle de Neptune qui passe à 23h 20m.

### 33993 P. — 46243 L.

| | II. 23h29m | 97°53' |
|---|---|---|
| 55 8-16[1] | 4s,50 G | |
| 12-19 | | 26",0 G |
| 57 8-25 | 4,45 G | |
| 10-16 | 4,45 G | |

### 33993 P. (suite).

| | III. 23h29m | 97°48' |
|---|---|---|
| 76 11-10 | 50s,51 M | 27",6 M |

[1] Indiquée à tort comme 46245 L. Le Cahier minute donne ✱ $h = 33^s\,56'$.

### 33994 P. — 46244 L.

| | I. 23h28m | 83°59' |
|---|---|---|
| 46 8-26 | 21s,63 G | |
| | II. 23h29m | 83°54' |
| 56 10- 9 | 7s,28 G | 45",2 G |
| | III. 23h29m | 83°49' |
| 73 11- 3 | 53s,15 M | |
| 75 10-23 | 53,13 M | 46",2 M |

### 33995 P. — 46245-46 L.

| | II. 23h29m | 94°12' |
|---|---|---|
| 58 9- 9 | | 53",4 F |
| 9-11 | | 52,0 F |
| 60 10-27 | 10s,49 G | |
| 61 10-15 | 10,88 G | 53,5 G |

### 33996 P. — 46248-49 L.

| | I. 23h28m | 88°45' |
|---|---|---|
| 39 11- 8 | 28s,79 G | |
| 11- 9 | 28,89 G | |
| 40 10-10 | 28,91 G | 28",7 F |
| 10-12 | 28,88 G | |
| 10-13 | 28,79 G | |
| 41 8-20 | 28,85 G | |
| 9-10 | 28,75 G | 26,7 F |
| 9-11 | 28,85 G | 25,7 F |
| 9-20 | 28,85 G | |
| 42 10- 9 | 28,84 G | |
| 10-10 | 28,78 G | |
| 10-11 | 28,97 G | |
| 10-13 | 28,76 G | |
| 48 11- 7 | | 26,3 F |
| 12-10 | 28,69 G | |
| 49 9-25 | 28,80 G | |
| 9-26 | 28,86 G | |
| 10-18 | 28,82 G | |
| 10-19 | 28,88 G | |
| 53 10- 8 | 28,86 G | |
| 11- 4 | 28,74 G | |
| | II. 23h29m | 88°40' |
| 60 10-25 | 14s,72 G | 26",9 G |
| 61 9-18 | | 26,3 G |
| | III. 23h30m | 88°35' |
| 74 11- 4 | 0s,52 G | |
| 11- 5 | 0,50 G | |
| 79 10-26 | 0,40 J | 28",1 J |
| 12-20[1] | 0,51 J | 28,2 J |

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|---|---|---|

### 33996 P. (suite).

| III. | 23h30m | 88°35′ |
|---|---|---|
| 80 7-24 | 0s,38 G | |
| 81 10-5 | 0,59 M | 27″,5 M |
| 10-15 | 0,54 M | 27,3 M |

[1] $\mathcal{A}$ augmentée de 0s,02 : err. de réduct.

### 33997 P. — 6129 R1.

| I. | 23h29m | 4°40′ |
|---|---|---|
| 53 4-21 | 34s,71 G | |

### 33998 P. — 46247 L.

| II. | 23h29m | 116°0′ |
|---|---|---|
| 58 10-31 | 19s,85 G | 50″,3 G |

### 33999 P. — 46252 L.

| II. | 23h29m | 84°10′ |
|---|---|---|
| 58 8-27 | 27s,95 G | 57″,9 G |
| 60 10-27[1] | | 57,0 G |
| 61 10-26 | 27,90 G | 57,7 G |

[1] $\mathcal{P}$ augmentée de 20″ : erreur de réduction.

### 34000 P. — 46255 L.

| II. | 23h29m | 57°52′ |
|---|---|---|
| 66 9-28[1] | 34s,24 G | 12″,7 G |
| 10-15 | 34,22 G | 13,6 G |
| 67 10-25 | | 11,6 G |
| 11-8 | | 11,2 G |
| **III.** | **23h30m** | **57°47′** |
| 73 10-9 | 18s,57 G | 13″,0 G |
| 10-16 | 18,61 G | 13,0 G |
| 11-3 | 18,68 G | |
| 74 9-19 | 18,90 G | 12,9 G |
| 10-10 | 18,50 G | 12,1 G |
| 10-13 | 18,75 G | 10,5 G |

[1] $\mathcal{A}$ diminuée de 1m.

### 34001 P. — 46253 L.

| I. | 23h28m | 93°49′ |
|---|---|---|
| 47 10-15 | 46s,59 G | |
| 11-12 | 46,64 G | |
| **II.** | **23h29m** | **93°44′** |
| 58 9-26 | 32s,74 G | 10″,7 G |

### 34001 P. (suite).

| III. | 23h30m | 93°39′ |
|---|---|---|
| 76 10-12 | 19s,23 G | 12″,2 G |
| 10-18 | 19,18 G | 12,8 G |
| 78 10-15 | 19,26 J | 10,2 J |

### 34002 P. — 46257 L.

| III. | 23h30m | 45°10′ |
|---|---|---|
| 81 11-12 | 26s,60 G | 22″,9 G |
| 11-17 | 26,47 G | 22,4 G |

### 34003 P. — 628 W2.

| I. | 23h28m | 71°40′ |
|---|---|---|
| 43 10-23 | 57s,81 G | |

### 34004 P. — 46254 L.

| II. | 23h29m | 108°20′ |
|---|---|---|
| 58 9-27 | | 8″,7 F |
| 61 10-3 | | 8,8 G |
| 10-24 | 44s,60 G | 9,1 G |

### 34005 P. — 46256 L.

| II. | 23h29m | 104°20′ |
|---|---|---|
| 54 9-21 | 48s,09 G | |
| 58 11-30 | | 17″,3 G |
| **III.** | **23h30m** | **104°15′** |
| 78 10-8 | 34s,84 M | 19″,5 M |

### 34006 P. — 46258 L.

| I. | 23h29m | 69°8′ |
|---|---|---|
| 43 8-21 | 9s,88 G | |
| 10-5 | 9,87 G | 1″,6 G |
| **II.** | **23h29m** | **69°3′** |
| 58 10-4 | 54s,51 G | 3″,4 G |
| 59 9-16 | 54,66 G | 4,0 G |

### 34007 P. — 46261 à 63 L.

| II. | 23h30m | 47°27′ |
|---|---|---|
| 59 12-7 | 1s,60 G | |
| **III.** | **23h30m** | **47°22′** |
| 79 10-30 | 45s,40 G | 57″,2 G |

### 34008 P. — 46260 L.

| II. | 23h30m | 75°59′ |
|---|---|---|
| 58 9-3 | 4s,15 G | 42″,5 G |
| 10-5 | 4,17 G | 40,3 G |

### 34009 P. — 46264 L.

| II. | 23h30m | 60°5′ |
|---|---|---|
| 58 9-10 | 6s,87 G | 58″,3 G |
| **III.** | **23h30m** | **60°1′** |
| 71 10-12 | 51s,45 G | |
| 11-17 | 51,80 G | |

### 34010 P. — 46265 à 67 L.

| III. | 23h30m | 54°53′ |
|---|---|---|
| 80 11-3 | 52s,06 J | 32″,8 J |
| 81 10-30 | 51,95 J | 32,9 J |
| 11-9 | 52,18 J | 31,4 J |

### 34011 P. — 46259 L.

| II. | 23h30m | 104°6′ |
|---|---|---|
| 54 12-2 | | 47″,0 G |
| 58 11-2 | 5s,37 G | |
| 67 10-26 | 5,48 M | 45″,5 M |

### 34012 P. — 46270 L.

| II. | 23h30m | 52°2′ |
|---|---|---|
| 67 11-6 | | 10″,3 G |
| **III.** | **23h30m** | **51°57′** |
| 81 10-22 | 53s,94 J | 11″,5 J |
| 10-31 | 54,15 J | 11,7 J |

### 34013 P. — 46276 L.

| II. | 23h30m | 51°19′ |
|---|---|---|
| 59 11-19 | | 18″,2 G |
| 62 9-18 | 17s,74 G | 15,2 G |

### 34014 P. — 46273 L.

| III. | 23h31m | 64°55′ |
|---|---|---|
| 81 10-15 | 2s,08 J | 14″,9 J |
| 10-17 | 2,10 J | 15,8 J |

### 34015 P. — 46272 L.

| II. | 23h30m | 68°31′ |
|---|---|---|
| 58 10-19 | 17s,16 G | |
| 10-29 | 17,05 G | 58″,0 G |
| 11-1 | 17,13 G | 58,6 G |
| 59 9-11 | 17,04 G | 58,7 G |

### 34016 P. — 46274 L.

| II. | 23h30m | 68°17′ |
|---|---|---|
| 58 9-17 | 19s,00 G | 1″,4 G |
| 59 11-13 | | 1,5 G |
| 11-14 | | 1,4 G |
| **III.** | **23h31m** | **68°12′** |
| 79 10-27 | 4s,11 G | 4″,0 G |

### 34017 P. — 46271 L.

| I. | 23h29m | 103°55′ |
|---|---|---|
| 51 11-3 | 37s,23 G | |
| **II.** | **23h30m** | **103°50′** |
| 54 11-11 | 23s,89 G | |
| 55 10-6 | 23,87 G | |
| 58 9-11 | | 8″,7 G |
| **III.** | **23h31m** | **103°45′** |
| 80 10-1 | 10s,43 M | 11″,9 M |

### 34018 P. — 46277 L.

| II. | 23h30m | 100°44′ |
|---|---|---|
| 58 12-1 | 28s,05 G | 56″,0 G |
| **III.** | **23h31m** | **100°39′** |
| 79 9-26 | 14s,58 J | 58″,7 J |

### 34019 P. — 46288 L.

| I. | 23h29m | 34°58′ |
|---|---|---|
| 40 2-8 I | 50s,38 G | 46″,3 F |
| 2-11 I | 50,62 G | 49,1 F |
| 10-6[1] | 50,53 G | 48,7 F |
| 10-9[1-2] | 50,51 G | 44,9 F |
| 10-10[1] | | 45,5 F |

[1] Observations de distance polaire faites sans indication de la position de l'observateur. On n'a pas tenu compte de la valeur de l'équation personnelle dans le calcul de la distance polaire.

[2] Erreur de 20″ dans la décl. approchée inscrite à l'obs. de passage. Le registre porte ★ $h = 96°10'$.

**34020 P. — 46281 et 84-85 L.**

| Dates 1800 + A. M. J. | ℛ | 𝒟 |
|---|---|---|
| II. | 23h 30m | 54° 57′ |
| 66 10-17 | 32s,19 G | 31″,5 G |
| III. | 23h 31m | 54° 52′ |
| 68 10-29 | 16s,45 G | 33″,4 G |
| 69 9-22 | 16,36 M | 32,7 M |
| 81 11-4 | 16,54 J | 34,0 J |

**34021 P. — 46279-80 L.**

| Dates 1800 + A. M. J. | ℛ | 𝒟 |
|---|---|---|
| I. | 23h 29m | 74° 1′ |
| 40 11-27 | | 55″,4 F |
| 50 10-12 | 49s,07 G | |
| 52 10-31 | 49,32 G | |
| II. | 23h 30m | 73° 56′ |
| 56 8-30 | | 55″,5 G |
| 58 8-6 | 34s,51 G | |
| 9-8 | | 54,0 F |
| 10-2 | | 57,0 G |

**34022 P. — 46283 L.**

| Dates 1800 + A. M. J. | ℛ | 𝒟 |
|---|---|---|
| II. | 23h 30m | 87° 24′ |
| 55 11-2 | 39s,54 G | 13″,1 G |
| III. | 23h 31m | 87° 19′ |
| 69 10-1 | | 14″,9 G |
| 71 10-16 | 25s,27 M | 13,6 M |

**34023 P. — 46289 L.**

| Dates 1800 + A. M. J. | ℛ | 𝒟 |
|---|---|---|
| I. | 23h 29m | 46° 25′ |
| 37 9-9[1] | 58s,35 G | |
| III. | 23h 31m | 46° 15′ |
| 81 11-4 | 26s,06 G | 46″,2 G |

[1] Indiquée à tort λ Andromède (dist. des fils).

**34024 P. — 46282 L.**

| Dates 1800 + A. M. J. | ℛ | 𝒟 |
|---|---|---|
| II. | 23h 30m | 96° 45′ |
| 57 8-13 | 39s,86 G | |
| 9-18 | | 3″,1 G |
| 62 10-10 | 39,83 G | 3,9 G |

**34025 P. — 46291-92 L.**

| Dates 1800 + A. M. J. | ℛ | 𝒟 |
|---|---|---|
| I. | 23h 29m | 44° 22′ |
| 37 1-5 | 59s,39 G | 47″,8 F |
| 1-11 | 59,83 G | 50,4 F |
| 9-8 | | 49,1 F |

**34025 P. (suite).**

| Dates 1800 + A. M. J. | ℛ | 𝒟 |
|---|---|---|
| I. | 23h 29m | 44° 22′ |
| 37 9-9 | | 48″,5 F |
| 9-11 | | 48,1 F |
| 9-16 | | 51,6 F |
| 9-19 | | 49,3 F |
| 9-20 | 59s,79 G | 49,5 F |
| 9-23 | | 48,8 F |
| 38 9-3 | | 51,4 F |
| 40 9-30 | 59,64 G | |
| 11-4 | 59,60 G | |
| 42 10-6 | | 50,5 F |
| 46 9-15 | 59,73 G | |
| 9-17 | 59,67 G | |
| 9-22 | 59,57 G | |
| 10-22 | 59,75 G | |
| 11-1 | 59,68 G | |
| 11-4 | 59,62 G | |
| 47 1-5 | 59,78 G | |
| 7-9 | 59,78 G | |
| II. | 23h 30m | 44° 18′ |
| 63 9-15 | | 2″,4 G |
| 9-27 | | 2,1 G |
| 64 1-2 | | 3,1 G |
| 1-4 | | 2,0 G |
| 1-7 | | 1,0 G |
| 10-20 | | 3,2 G |
| 10-21 | | 3,1 G |
| 65 9-19 | | 3,8 G |
| 9-20 | | 2,8 G |

**34026 P. — 661 W$_2$.**

| Dates 1800 + A. M. J. | ℛ | 𝒟 |
|---|---|---|
| II. | 23h 30m | 68° 30′ |
| 58 10-19 | 43s,56 G | |
| 10-29 | 43,79 G | |
| 59 9-11 | 44,03 G | |

**34027 P. — 46295 L.**

| Dates 1800 + A. M. J. | ℛ | 𝒟 |
|---|---|---|
| I. | 23h 30m | 72° 27′ |
| 43 8-8 | 7s,56 G | 27″,9 G |
| 8-9 | 7,52 G | |
| 8-12 | 7,66 G | |
| 9-29 | 7,57 G | 29,1 F |
| II. | 23h 30m | 72° 22′ |
| 56 8-13 | | 28″,1 G |
| 58 9-20 | 52s,75 G | 29,3 G |
| 11-3 | 52,80 G | 28,6 G |

**34028 P. — 5067 A + 35°.**

| Dates 1800 + A. M. J. | ℛ | 𝒟 |
|---|---|---|
| II. | 23h 30m | 54° 8′ |
| 67 10-31 | | 57″,1 G |

**34029 P. — 46294 L.**

| Dates 1800 + A. M. J. | ℛ | 𝒟 |
|---|---|---|
| II. | 23h 30m | 92° 6′ |
| 56 10-26 | 55s,51 G | |
| 59 10-5 | | 38″,5 G |

**34029 P. (suite).**

| Dates 1800 + A. M. J. | ℛ | 𝒟 |
|---|---|---|
| III. | 23h 31m | 92° 1′ |
| 78 9-18 | 41s,72 G | |

**34030 P. — 46296 L.**

| Dates 1800 + A. M. J. | ℛ | 𝒟 |
|---|---|---|
| III. | 23h 31m | 99° 19′ |
| 77 10-18 | 44s,96 M | 8″,7 M |
| 10-19[1] | 45,18 M | 8,7 M |
| 10-24 | 45,04 M | 8,7 M |
| 10-26 | 45,11 M | 6,5 M |
| 11-12 | 44,99 M | 8,2 M |
| 11-13 | 44,91 M | 8,0 M |
| 78 9-19 | 45,20 G | 8,0 G |
| 9-20 | 45,12 G | |
| 9-21 | 44,86 M | |
| 9-21 | 45,19 G | |
| 9-24 | 44,87 M | 8,9 M |
| 9-26 | 45,06 G | 9,6 G |
| 9-28 | 44,89 M | 9,4 M |
| 9-30 | 45,03 M | 8,0 M |
| 10-2 | 44,96 M | 6,0 M |
| 10-4 | 45,06 M | 6,8 M |
| 10-12 | 45,03 M | 7,7 M |
| 10-15 | 45,07 M | 7,6 M |
| 10-17 | 44,99 M | 7,5 M |
| 10-22 | 45,13 M | 7,2 M |

[1] ℛ diminuée de 1s : correction indiquée comme probable par l'observateur.

**34031 P. — 46300-01 L.**

| Dates 1800 + A. M. J. | ℛ | 𝒟 |
|---|---|---|
| III. | 23h 31m | 44° 29′ |
| 68 10-29 | 48s,45 M | 31″,3 M |
| 74 9-19 | 48,64 M | 30,7 M |
| 10-10 | 48,60 M | 31,8 M |
| 10-13 | 48,63 M | 30,8 M |

**34032 P. — 46307 L.**

| Dates 1800 + A. M. J. | ℛ | 𝒟 |
|---|---|---|
| I. | 23h 30m | 41° 51′ |
| 47 3-11 I | 27s,56 G | |
| 3-15 I | 27,37 G | 24″,2 F |
| 3-17 I | 27,47 G | |

**34033 P. — 46311 à 13 L.**

**17 ι Andromède.**

Étoile fondamentale.

**34034 P. — 32630 Mn$_1$.**

| Dates 1800 + A. M. J. | ℛ | 𝒟 |
|---|---|---|
| II. | 23h 31m | 88° 31′ |
| 60 11-18 | 17s,36 G | |

**34035 P. — 46310 L.**

| Dates 1800 + A. M. J. | ℛ | 𝒟 |
|---|---|---|
| II. | 23h 31m | 84° 31′ |
| 57 10-15 | 24s,30 G | |
| 58 11-4 | | 53″,0 G |
| 11-10 | | 51,1 G |

**34036 P. — 46320 L.**

| Dates 1800 + A. M. J. | ℛ | 𝒟 |
|---|---|---|
| III. | 23h 32m | 55° 39′ |
| 74 10-31 | 22s,32 M | 27″,5 M |
| 79 10-12 | 22,19 G | 28,4 G |

**34037 P. — 46319 L.**

| Dates 1800 + A. M. J. | ℛ | 𝒟 |
|---|---|---|
| II. | 23h 31m | 63° 16′ |
| 58 10-16 | 38s,04 G | 54″,6 G |
| 11-7 | 38,23 G | 53,8 G |

**34038 P. — 46315-16 L.**

| Dates 1800 + A. M. J. | ℛ | 𝒟 |
|---|---|---|
| I. | 23h 30m | 93° 49′ |
| 48 10-3 | 51s,35 G | |
| II. | 23h 31m | 93° 44′ |
| 55 10-15 | 37s,52 G | |
| 60 10-29 | 37,76 G | 4″,9 G |
| 61 9-26 | 37,68 G | 5,7 G |
| III. | 23h 32m | 93° 39′ |
| 78 10-20 | 23s,89 M | 5″,9 M |

**34039 P. — 46321 et 25 L.**

| Dates 1800 + A. M. J. | ℛ | 𝒟 |
|---|---|---|
| III. | 23h 32m | 55° 9′ |
| 79 11-9 | 27s,06 G | 24″,1 G |

**34040 P. — 46330 L.**

| Dates 1800 + A. M. J. | ℛ | 𝒟 |
|---|---|---|
| II. | 23h 31m | 51° 43′ |
| 66 10-16 | 46s,60 G | 43″,6 G |

**34041 P. — 46326 L.**

| Dates 1800 + A. M. J. | ℛ | 𝒟 |
|---|---|---|
| III. | 23h 32m | 67° 22′ |
| 71 11-5 | 32s,44 G | 57″,1 G |
| 74 9-17 | | 56,3 G |
| 10-3 | | 55,3 G |
| 10-8 | | 54,2 G |
| 75 11-13 | 32,50 G | 55,5 G |
| 11-22 | 32,43 G | 59,1 G |

**34042 P. — 46322 à 24 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 23h 31m | 78° 39' |
| 50 9-30 | 2s,00 G | |
| | II. | |
| | 23h 31m | 78° 34' |
| 57 10-5 | 47s,71 G | |

**34043 P. — 46328-29 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 23h 31m | 112° 46' |
| 44 10-31 | 10s,21 G | 58",1 G |
| | II. | |
| | 23h 31m | 112° 41' |
| 54 10-29 | | 59",1 G |
| 58 10-31 | 57s,28 G | 61,2 G |
| | III. | |
| | 23h 32m | 112° 36' |
| 79 10-30 | 44s,28 J | 59",4 J |

**34044 P. — 697 $W_2$.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h 32m | 57° 48' |
| 66 10-8[1] | 2s,00 G | |

[1] Indiquée à tort comme 46325 L. (distance des fils).

**34045 P. — 46333 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h 32m | 84° 34' |
| 55 11-26 | 1s,93 G | |
| 61 10-26 | 1,75 G | 24",8 G |
| | III. | |
| | 23h 32m | 84° 29' |
| 72 10-25 | 47s,68 G | 27",5 G |

**34046 P. — 46338 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 23h 32m | 41° 31' |
| 81 10-22 | 51s,42 G | 13",4 G |

**34047 P. — 46335 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 23h 33m | 83° 36' |
| 73 10-28 | 0s,77 M | |
| 74 9-17 | 0,87 M | 51",4 M |
| 75 10-9 | 0,77 M | 52,4 M |

**34048 P. — 46339 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h 32m | 56° 2' |
| 59 11-19 | | 38",4 G |

**34048 P. (suite).**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 23h 33m | 55° 57' |
| 73 10-9 | 2s,76 G | |

**34049 P. — 46346 à 48 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h 32m | 40° 18' |
| 67 9-28 | 21s,66 M | 11",3 M |

**34050 P. — 46343 à 45 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h 32m | 62° 32' |
| 58 9-8 | 27s,72 G | 16",1 G |

**34051 P. — 46350 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 23h 33m | 51° 39' |
| 81 10-19 | 16s,16 J | 33",1 J |

**34052 P. — 46340-41 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h 32m | 104° 59' |
| 54 8-29 | | 43",8 G |
| 57 11-27 | 31s,28 G | 44,7 G |
| 58 12-1 | | 45,2 G |
| 59 11-11 | 31,25 G | 45,0 G |

**34053 P. — 46349 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 23h 33m | 96° 14' |
| 75 11-2 | 24s,69 M | 17",9 M |
| 81 10-4 | 24,78 M | 18,1 M |

**34054 P. — 25879 A. O.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 23h 32m | 13° 24' |
| 43 9-21 | 14s,46 G | |

**34055 P. — 46354-55 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h 32m | 47° 26' |
| 66 11-9 | 45s,20 M | 34",3 M |
| | III. | |
| | 23h 33m | 47° 21' |
| 79 10-27 | 29s,18 G | 36",2 G |

**34056 P. — 46351 L.**

17 ι Poissons.

Étoile fondamentale.

**34057 P. — 46352 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h 32m | 81° 5' |
| 61 10-24 | 47s,14 G | 51",6 G |
| | III. | |
| | 23h 33m | 81° 0' |
| 75 10-23 | 32s,91 M | 53",0 M |

**34058 P. — 46356 à 58 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h 32m | 55° 49' |
| 67 11-8 | | 5",6 G |
| | III. | |
| | 23h 33m | 55° 44' |
| 73 10-16 | 37s,21 G | 5",3 G |
| 11-3 | 37,26 G | |
| 74 9-25 | | 8,9 G |
| 10-12 | 37,28 G | 5,0 G |
| 10-24 | 37,23 M | 7,7 M |
| 10-27 | 37,27 M | 6,5 M |

**34059 P. — 46359 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h 32m | 75° 57' |
| 58 10-2 | | 54",3 G |
| 61 10-3 | 56s,93 G | 54,2 G |

**34060 P. — 46363 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h 33m | 63° 15' |
| 58 8-8 | | 39",1 G |

**34061 P. — 46366-67 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 23h 33m | 53° 2' |
| 68 10-29 | 51s,49 G | 12",1 G |
| 74 10-12 | 51,34 M | 13,4 M |
| 10-14 | 51,37 M | 13,6 M |
| 75 10-8 | 51,44 M | 13,4 M |

**34062 P. — 674 $W_1$.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 23h 32m | 86° 3' |
| 48 9-8[1] | 23s,26 G | |
| | II. | |
| | 23h 33m | 85° 58' |
| 58 9-19 | 9s,16 G | |

[1] Désignée à tort comme c Poissons. La dist. des fils donne une déclinaison équatoriale.

**34063 P. — 46368 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 23h 32m | 72° 38' |
| 40 10-6 | | 39",2 F |

**34063 P. (suite).**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h 33m | 72° 33' |
| 58 9-8 | | 41",5 F |

**34064 P. — 677 $W_1$.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h 33m | 90° 22' |
| 60 11-26 | 14s,67 G | 52",6 G |

**34065 P. — 46371 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 23h 34m | 82° 51' |
| 73 11-3 | 9s,01 M | |
| 74 10-10 | 8,80 G | 14",4 G |
| 10-13 | 8,93 G | 14,0 G |

**34066 P. — 46376 et 78 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h 33m | 66° 4' |
| 59 11-13 | | 54",7 G |

**34067 P. — 46419 L.**

35 γ Céphée.

Étoile fondamentale.

**34068 P. — 46383 à 85 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h 33m | 46° 26' |
| 64 10-1 | 31s,19 G | |
| 10-27 | 31,19 G | |
| 11-4 | 31,31 G | |

**34069 P. — 46375 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h 33m | 90° 21' |
| 57 9-18 | | 32",2 G |
| 60 11-26 | 30s,99 G | 32,2 G |
| | III. | |
| | 23h 34m | 90° 16' |
| 78 9-14 | 16s,84 M | 33",6 M |

**34070 P. — 46379 à 81 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h 33m | 98° 41' |
| 59 10-5 | | 19",1 G |

**34071 P. — 46392-93 L.**

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h 33m | 62° 52' |
| 59 9-11 | 40s,33 G | 58",2 G |

Dates 1800+ (A. M. J.) — Positions moyennes pour les époques du Catal. (Æ, 𝒫)

**34071 P. (suite).**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| III. | 23h34m | 62°47' |
| 71 11-7 | 25s,32 G | 57",4 G |

**34072 P. — 46396 L.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| II. | 23h33m | 54°3' |
| 66 9-26 | 41s,38 G | 20",3 G |
| 67 10-25 | | 20,6 G |
| III. | 23h34m | 53°58' |
| 74 10-26 | 25s,84 M | 21",7 M |

**34073 P. — 46400 L.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| III. | 23h34m | 58°4' |
| 81 11-4 | 31s,36 J | 14",4 J |

**34074 P. — 46389-90 L.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| II. | 23h33m | 114°56' |
| 55 9-24 | | 5",9 G |
| 60 10-29 | 48s,38 G | 9,3 G |
| III. | 23h34m | 114°51' |
| 79 9-26 | 35s,25 J | 10",8 J |

**34075 P. — 46399 L.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| I. | 23h33m | 102°32' |
| 39 8-24 | | 24",1 F |
| 51 11-3 | 7s,38 G | |
| II. | 23h33m | 102°27' |
| 54 11-11 | | 22",9 G |
| 55 9-18 | | 22,1 G |
| 10-6 | 54s,05 G | 25,7 G |
| 58 12-1 | 53,97 G | 24,1 G |

**34076 P. — 46408-09 L.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| II. | 23h34m | 54°48' |
| 59 11-19 | | 16",1 G |
| 61 11-10 | 3s,12 G | |
| 67 11-6 | | 14,2 G |
| III. | 23h34m | 54°43' |
| 79 10-12 | 47s,47 G | 15",0 G |

**34077 P. — 46405 L.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| I. | 23h33m | 84°35' |
| 46 8-26[1] | 16s,31 G | |

[1] Æ augm. de 0s,25 : err. de 1s sur l'un des quatre fils observés.

**34078 P. — 46403 L.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| III. | 23h34m | 93°33' |
| 78 10-20 | 48s,57 M | 3",8 M |

**34079 P. — 696 W1.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| III. | 23h34m | 95°7' |
| 72 10-29[1] | 51s,86 G | |

[1] Erreur de 1° dans la déclin. inscrite. L'étoile est celle qui a servi pour la comparaison de la planète (125) dans l'observation équatoriale du 28 octobre 1872.

**34080 P. — 46406 L.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| III. | 23h34m | 88°13' |
| 72 10-25 | 54s,03 G | 28",0 G |
| 74 9-19 | 54,11 M | 26,9 M |
| 10-13 | 54,23 M | 28,5 M |

**34081 P. — 46407 L.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| II. | 23h34m | 85°33' |
| 57 9-25 | 8s,71 G | |

**34082 P. — 46414 L.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| III. | 23h34m | 61°54' |
| 71 10-12 | 55s,53 G | |

**34083 P. — 5140 A + 39°.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| III. | 23h34m | 50°13' |
| 81 11-9 | 58s,08 J | 22",2 J |

**34084 P. — 46398 et 424 L.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| III. | 23h34m | 44°28' |
| 81 10-21 | 59s,03 G | 24",5 G |

**34085 P. — 46423 L.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| III. | 23h35m | 58°7' |
| 80 10-25[1] | 3s,13 J | 54",9 J |

[1] 𝒫 diminuée de 1'.

**34086 P. — 46412-13 et 15 L.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| I. | 23h33m | 108°53' |
| 40 11-4 | 31s,96 G | |
| II. | 23h34m | 108°48' |
| 54 9-8 | | 1",3 G |
| 9-21 | 18s,55 G | 0,4 G |

**34087 P. — 46422 L.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| II. | 23h34m | 99°35' |
| 57 8-13 | 23s,23 G | |
| III. | 23h35m | 99°30' |
| 80 9-28 | 9s,63 M | 57",4 M |

**34088 P. — 46427 L.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| III. | 23h35m | 43°49' |
| 81 9-27 | 12s,85 G | 55",7 G |

**34089 P. — 46432 L.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| III. | 23h35m | 66°28' |
| 81 10-22 | 16s,20 J | 7",0 J |
| 10-31[1] | 17,48 J | 5,9 J |

[1] Æ non comprise dans la moyenne : erreur probable de 1s.

**34090 P. — 46425-26 et 28 L.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| I. | 23h33m | 108°40' |
| 37 10-12[1] | 42s,72 G | |
| II. | 23h34m | 108°35' |
| 54 12-2 | | 34",4 G |
| 58 11-30 | | 33,4 G |
| 61 10-26 | 29s,48 G | 35,3 G |
| III. | 23h35m | 108°30' |
| 81 10-31 | 16s,27 M | 35",3 M |

[1] Æ augmentée de 1m.

**34091 P. — 46430 L.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| II. | 23h34m | 108°33' |
| 61 10-26 | | 30",9 G |

**34092 P. — 46436 L.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| II. | 23h34m | 50°13' |
| 66 10-8 | | 11",1 G |

**34093 P. — 46435 L.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| II. | 23h34m | 96°45' |
| 55 8-16 | | 26",8 G |
| 64 10-18 | 40s,52 M | 27,6 M |
| III. | 23h35m | 96°40' |
| 79 10-30 | 26s,93 J | 30",5 J |

**34094 P. — 46441 L.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| II. | 23h34m | 54°27' |
| 66 10-16 | 43s,87 G | |
| III. | 23h35m | 54°22' |
| 74 10-16 | 28s,45 M | 7",3 M |

**34095 P. — 46442 L.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| II. | 23h34m | 83°31' |
| 57 9-21 | 49s,00 G | |
| 62 10-10 | 48,79 G | 27",0 G |

**34096 P. — 46449 L.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| II. | 23h34m | 65°59' |
| 59 11-18 | 53s,39 G | |
| 11-23 | 53,30 G | |
| III. | 23h35m | 65°53' |
| 79 9-10 | 38s,53 M | 58",9 M |
| 81 10-29 | 38,50 M | 59,5 M |

**34097 P. — 46445-46 L.**

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| I. | 23h34m | 89°4' |
| 39 12-14 | 8s,22 G | |
| 40 10-9 | 8,48 G | 20",3 F |
| 42 10-11 | 8,30 G | |
| 10-13 | 8,36 G | |
| 43 8-8 | 8,26 G | 21,0 G |
| 8-9 | 8,25 G | |
| 8-11 | | 21,1 F |
| 8-12 | 8,33 G | |

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|

### 34097 P. (suite).

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 23h 34m | 89° 4′ |
| 46 9- 5 | 8s,29 G | |
| 9- 6 | 8,28 G | |
| 12-24 | 8,16 G | |
| 47 8-27 | 8,21 G | 21",4 F |
| 9-23 | 8,35 G | |
| 10-20 | 8,47 G | |
| 11-18 | 8,37 G | |
| 49 10-18 | 8,27 G | |
| 10-19 | 8,38 G | |
| 50 8-24 | 8,37 G | |
| | II. | |
| | 23h 34m | 88° 59′ |
| 54 1- 8 | 54s,37 G | |
| 55 11-26 | 54,24 G | |
| 56 9-14 | | 23",7 G |
| 9-27 | 54,17 G | |
| 10- 5 | | 22,7 G |
| 57 7-11 | 53,89 G | 26,0 G |
| | III. | |
| | 23h 35m | 88° 54′ |
| 69 10- 1 | | 26",8 G |
| 71 10-14 | 40s,10 G | 27,7 G |
| 10-23 | 40,16 M | 26,7 M |
| 10-23 | 40,13 G | 30,0 G |
| 11- 5 | 40,12 G | 27,6 G |
| 77 10-20 | 39,94 M | 28,5 M |
| 79 9-25 | 39,94 G | |
| 9-28 | 39,93 G | 29,5 G |
| 10-26 | 39,83 J | 31,3 J |
| 80 10-30 | 39,92 M | 28,4 M |
| 10-30 | 39,99 J | 29,2 J |
| 11- 8 | 39,74 J | 28,9 J |
| 81 10-19 | 40,08 M | 28,3 M |
| 10-21 [1] | 40,00 J | 28,8 J |

[1] 𝒜 augmentée de 10s : erreur de transcr.

### 34098 P. — 46450 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 23h 35m | 66° 2′ |
| 58 8- 8 | | 52",2 G |
| 59 10-22 | 5s,14 G | |
| 11-18 | 5,00 G | |
| 11-23 | 5,02 G | |
| | III. | |
| | 23h 35m | 65° 57′ |
| 81 10- 4 | 49s,87 M | 51",3 M |

### 34099 P. — 5211 A + 5°.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 23h 34m | 84° 44′ |
| 49 9- 3 | 22s,07 G | |

### 34100 P. — 46454 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 23h 35m | 65° 59′ |
| 59 10-22 | 11s,48 G | |

### 34100 P. (suite).

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 23h 35m | 65° 54′ |
| 81 10-22 | 56s,75 M | 56",0 M |
| 11- 4 | 56,74 M | 56,8 M |

### 34101 P. — 46453 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 23h 35m | 92° 16′ |
| 57 9-22 | 10s,40 G | |
| 58 9- 9 | | 33",9 F |
| 61 11-23 | 10,53 G | 34,7 G |
| | III. | |
| | 23h 35m | 92° 11′ |
| 76 11- 7 | 56s,67 G | |
| 78 9-18 | 56,81 G | |

### 34102 P. — 46451 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 23h 35m | 106° 13′ |
| 54 8-27 | | 24",2 G |
| 58 8-20 | 12s,53 G | 23,8 G |
| | III. | |
| | 23h 35m | 106° 8′ |
| 79 11- 2 | 59s,11 J | 26",2 J |

### 34103 P. — 46455 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 23h 35m | 62° 27′ |
| 58 9- 8 | 17s,37 G | 45",3 G |
| 59 11-14 | | 43,3 G |
| | III. | |
| | 23h 36m | 62° 22′ |
| 80 10-18 | 2s,46 M | 43",7 M |
| 81 10- 5 | 2,44 M | 44,5 M |

### 34104 P. — 46459 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 23h 36m | 45° 56′ |
| 80 9-27 | 4s,32 G | 12",0 G |
| 81 11- 4 | 4,51 G | 15,8 G |

### 34105 P. — 46462 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 23h 36m | 45° 42′ |
| 81 10-19 | 5s,55 G | 2",4 G |
| 10-30 | 5,65 G | 2,0 G |

### 34106 P. — 46458 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 23h 36m | 61° 51′ |
| 81 10- 4 | 7s,93 J | 44",0 J |
| 10-15 | 7,79 J | 44,3 J |

### 34107 P. — 46463 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 23h 36m | 52° 44′ |
| 81 10-29 | 8s,25 J | 40",6 J |
| 10-30 | 8,18 J | 41,0 J |

### 34108 P. — 46461 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 23h 35m | 62° 3′ |
| 59 11-20 | 25s,50 G | |
| 61 11-21 | | 14",2 G |
| | III. | |
| | 23h 36m | 61° 58′ |
| 71 11-17 | 10s,55 G | |
| 74 9-17 | 10,67 M | 16",2 M |
| 10-10 | 10,54 M | 17,0 M |

### 34109 P. — 32690 $Mn_1$.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 23h 35m | 94° 19′ |
| 58 11-10 [1] | 24s,62 G | |

[1] 𝒜 augmentée de 30s : erreur de transcription.

### 34110 P. — 46460 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 23h 34m | 72° 11′ |
| 49 9-30 | 41s,34 G | |
| 10- 1 | 41,21 G | |
| | II. | |
| | 23h 35m | 72° 6′ |
| 56 9- 8 | 26s,65 G | |
| 57 10- 5 | 26,63 G | |
| 60 11- 2 | 26,55 G | |
| 61 11- 2 | 26,62 G | 31",6 G |
| | III. | |
| | 23h 36m | 72° 1′ |
| 79 10- 4 | | 32",3 G |

### 34111 P. — 46465 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 23h 36m | 51° 38′ |
| 73 10-28 | 12s,21 G | |
| 80 10-24 | 12,12 J | 4",4 J |
| 11-10 | 12,09 J | 3,7 J |

### 34112 P. — $\omega^2$ Verseau.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 23h 34m | 105° 24′ |
| 43 8-30 | 40s,71 G | 6",0 G |
| 8-31 | 40,71 G | 5,8 F |
| 9- 1 | 40,78 G | 4,7 G |
| 9- 2 | | 6,4 G |
| 46 11-13 | 40,82 G | |
| 52 12-17 | 40,88 G | |

### 34112 P. (suite).

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 23h 36m | 105° 14′ |
| 78 9-19 | 14s,45 G | 7",5 G |
| 9-20 | 14,34 G | |
| 9-21 | 14,42 G | |
| 9-24 | 14,21 M | 7,9 M |
| 9-26 | 14,45 G | 9,3 G |
| 9-28 | 14,06 M | 9,2 M |
| 9-30 | 14,36 M | 8,7 M |
| 10- 2 | 14,18 M | 9,2 M |
| 10- 4 | 14,30 M | 8,3 M |
| 10-12 | 14,33 M | 9,5 M |
| 10-15 | 14,41 M | 9,5 M |
| 10-17 [1] | 14,16 M | 9,1 M |
| 10-22 | 14,39 M | 8,5 M |
| 10-23 | 14,42 M | 10,0 M |

[1] 𝒫 diminuée de 1" : err. de réduct.

### 34113 P. — 46457 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | 23h 36m | 43° 45′ |
| 80 10-25 | 20s,36 G | 59",4 G |
| 81 10-22 | 19,95 G | 61,7 G |

### 34114 P. — 46464 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 23h 35m | 102° 6′ |
| 54 8-29 | 34s,28 G | |
| 9- 1 | | 13",6 G |
| | III. | |
| | 23h 36m | 102° 1′ |
| 78 10- 8 | 20s,79 M | 16",8 M |
| 10-26 | 20,74 M | 14,4 M |

### 34115 P. — 46466-67 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | 23h 34m | 74° 31′ |
| 50 9-17 | 51s,96 G | |
| 53 8-20 | 52,30 G | |

### 34116 P. — 46468 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 23h 35m | 80° 53′ |
| 55 10-19 | 41s,58 G | |
| 57 12-18 | | 23",6 G |
| | III. | |
| | 23h 36m | 80° 48′ |
| 71 10-16 | 27s,26 M | 25",5 M |
| 72 11- 8 | 27,30 G | 25,9 G |

### 34117 P. — 46470-71 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | 23h 35m | 80° 17′ |
| 55 11-11 | 43s,47 G | |
| 61 10-24 | 43,64 G | 38",7 G |
| 62 9-20 | 43,55 G | 38,2 G |
| 9-22 | 43,59 G | 39,8 G |

Dates 1800+ — Positions moyennes pour les époques du Catal.

**34118 P. — 46476 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h36m | 39°15' |
| 80 11-15 | 34s,69 G | 56",2 G |
| 81 9-30 | 34,56 G | 55,9 G |

**34119 P. — 10615 Brux.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h35m | 61°31' |
| 61 9-28[1] | | 19",4 G |

[1] 𝒫 augmentée de 1'.

**34120 P. — 787 W2.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h35m | 62°8' |
| 59 11-20 | 58s,67 G | |

**34121 P. — 46481 à 83 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h36m | 56°1' |
| 59 10-27 | | 38",0 G |
| 60 11-10 | 8s,13 G | 34,9 G |
| 61 10-19 | 8,14 G | 34,8 G |
| 62 9-15 | 8,12 G | |
| 66 9-17 | 8,17 G | |
| 9-28 | 8,24 G | 35,8 G |
| 10-17 | 8,10 G | 36,4 G |
| 67 10-30 | | 36,5 G |
| 11-28[1] | | 37,2 G |
| III. | 23h36m | 55°56' |
| 68 10-29 | 52s,87 G | 37",4 G |

[1] 𝒫 diminuée de 1' : erreur de transcr.

**34122 P. — 46478 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h36m | 90°55' |
| 57 10-12 | 7s,37 G | 53",9 G |
| III. | 23h36m | 90°50' |
| 78 10-15 | 53s,44 J | 54",7 J |

**34123 P. — 46479 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h36m | 99°49' |
| 54 11-9[1] | 11s,42 G | |
| 58 9-9 | 11,50 G | |
| 59 10-17 | 11,44 G | |
| 61 10-3 | 11,44 G | 4",1 G |
| 62 9-3 | 11,54 G | 5,1 G |
| 9-17 | 11,71 G | 4,0 G |
| 9-18 | 11,47 G | 3,1 G |
| 67 10-26 | 11,65 M | 3,2 M |

**34123 P. (suite).**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h36m | 99°44' |
| 75 11-2 | 57s,83 M | 3",7 M |
| 76 11-7 | 57,89 M | 5,8 M |

[1] 𝒜 diminuée de 1m.

**34124 P. — 46486-87 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h36m | 38°45' |
| 80 11-8 | 58s,78 G | 12",8 G |
| 81 11-9 | 58,40 G | 15,1 G |

**34125 P. — 46484-85 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 23h35m | 80°31' |
| 43 8-8 | 29s,25 G | |
| 8-11[1] | 29,16 G | 41",3 F |
| 8-12 | 29,30 G | |
| 8-17 | 29,26 G | |
| 9-29 | 29,30 G | 44,0 F |
| 10-5 | 29,23 G | |
| 49 10-10 | 29,21 G | |
| 50 10-12 | 29,20 G | |
| II. | 23h36m | 80°26' |
| 55 11-15 | 15s,02 G | |
| 57 9-9 | 14,85 G | 42",9 G |
| 10-2 | 14,76 G | 42,6 G |
| III. | 23h37m | 80°21' |
| 72 10-23 | 0s,74 M | 45",2 M |
| 73 10-28 | 0,65 M | |
| 74 9-17 | | 44,5 G |
| 9-25 | | 45,3 G |
| 10-6 | | 43,3 G |
| 10-16 | 0,63 G | 44,4 G |
| 10-27 | 0,59 G | 43,2 G |
| 11-2 | 0,51 G | |
| 11-3 | 0,72 G | 45,3 G |
| 11-4 | 0,68 G | 44,8 G |
| 11-6 | 0,50 G | 44,6 G |
| 75 10-23 | 0,64 M | 45,2 M |

[1] 𝒜 diminuée de 1m.

**34126 P. — 46488 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h36m | 43°44' |
| 67 12-4 | 22s,03 M | 38",6 M |
| III. | 23h37m | 43°39' |
| 79 10-30 | 5s,89 M | 40",4 M |

**34127 P. — 14227 Cambridge.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h36m | 61°56' |
| 60 10-29 | 23s,83 G | |

**34128 P — 46472 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h36m | 94°5' |
| 57 11-14 | 24s,29 G | 19",2 G |
| 58 10-15 | 24,49 G | |
| 10-16 | 24,27 G | |
| 10-17 | 24,40 G | |
| 10-19 | 24,26 G | |
| 10-29 | 24,18 G | |
| 10-30 | 24,30 G | 16,8 G |
| 11-2 | 24,24 G | |
| 64 10-15 | | 19,3 M |
| III. | 23h37m | 94°0' |
| 78 10-8 | 10s,70 J | 21",6 J |
| 10-13 | 10,60 M | 19,9 M |

**34129 P. — 737 W1.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 23h35m | 84°58' |
| 44 9-1 | 43s,12 G | |

**34130 P. — 46490 et 92 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h36m | 65°40' |
| 57 10-26 | | 47",0 G |
| 58 9-10 | 30s,79 G | |
| 59 9-16 | 30,70 G | 48,1 G |
| 11-13 | | 46,6 G |
| III. | 23h37m | 65°35' |
| 71 11-13 | 15s,82 G | |

**34131 P. — 46489 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h36m | 84°18' |
| 56 8-9 | 30s,35 G | |
| 57 11-17 | 30,18 G | 1",3 G |
| III. | 23h37m | 84°13' |
| 73 11-3 | 16s,31 M | |
| 74 10-12 | 16,28 M | 2",8 M |
| 10-13 | 16,36 M | 2,8 M |
| 10-28 | 15,98 G | |
| 75 10-8 | 16,22 M | 3,6 M |

**34132 P. — 46495 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h37m | 32°37' |
| 81 11-12 | 19s,77 G | 43",6 G |

**34133 P. — 740 W1.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h37m | 103°42' |
| 77 10-15 | 21s,37 M | 18",2 M |
| 10-16 | 21,46 M | 17,7 M |
| 10-19 | 21,64 M | 18,4 M |
| 10-26 | 21,37 M | 16,8 M |
| 11-5 | 21,40 M | 17,8 M |

**34134 P. — 46494 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h36m | 68°50' |
| 57 10-24 | 38s,44 G | 7",9 G |
| III. | 23h37m | 68°45' |
| 79 9-27 | 23s,70 G | 8",5 G |

**34135 P. — 46493 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h36m | 97°2' |
| 55 9-26 | 37s,91 G | 48",7 G |
| 59 10-5 | | 49,9 G |
| III. | 23h37m | 96°57' |
| 76 11-10 | 24s,36 M | 51",1 M |

**34136 P. — 14229 Cambridge.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h36m | 61°29' |
| 61 10-15 | | 29",1 G |

**34137 P. — 46497 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h36m | 61°53' |
| 60 10-3 | 46s,69 G | |
| 10-29 | 46,79 G | 41",3 G |
| 11-3 | 46,60 G | |
| 61 10-17 | 46,62 G | 40,6 G |

**34138 P. — 46500 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h36m | 52°51' |
| 67 11-8 | | 41",5 G |
| III. | 23h37m | 52°46' |
| 69 10-12 | 33s,21 M | 42",7 M |
| 73 10-13 | 33,04 G | 41,3 G |
| 10-16 | 33,08 G | 41,3 G |
| 10-17 | 33,08 G | 42,8 G |

**34139 P. — 46496 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 23h36m | 83°36' |
| 52 10-25 | 2s,45 G | |
| II. | 23h36m | 83°31' |
| 55 11-2 | 48s,26 G | 32",7 G |
| III. | 23h37m | 83°26' |
| 72 10-25 | 33s,94 G | 35",5 G |

#### 34140 P. — 46501-02 L.

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $23^{h}36^{m}$ | 73°15′ |
| 57 10-20 | $53^{s},80$ G | $49'',3$ G |
| | III. | |
| | $23^{h}37^{m}$ | 73°10′ |
| 79 10-16 | $39^{s},36$ G | $51'',4$ G |
| 10-27 | 39,28 G | 52,5 G |

#### 34141 P. — 46504 à 08 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | $23^{h}36^{m}$ | 61°29′ |
| 40 11- 4 | $12^{s},22$ G | |
| 46 9-12 | 12,28 G | |
| 10-20 | 12,20 G | |
| 10-21 | 12,20 G | |
| 11- 2 | 12,16 G | |
| 11- 4 | 12,19 G | |
| 47 1- 5 | 12,35 G | |
| | II. | |
| | $23^{h}36^{m}$ | 61°24′ |
| 54 1- 8 | $57^{s},33$ G | |
| 57 12-27 | 57,27 G | |
| 58 1- 7 | | $52'',0$ G |
| 8- 8 | | 48,5 G |
| 59 9-11 | 57,47 G | 49,6 G |
| 60 11-16 | 57,11 G | |
| 61 10-15 | 57,30 G | |
| 10-18 | 57,14 G | 48,5 G |
| 11- 9 | 57,11 G | 48,7 G |
| 11-17 | 57,26 G | |
| 62 10- 8 | 57,33 G | |
| 10- 9 | 57,12 G | |
| 10-14 | 57,33 G | |
| 10-16 | 57,25 G | 48,2 G |
| 63 9-11 | 57,27 G | |
| 9-15 | | 49,6 G |
| 9-18 | 57,23 G | |
| 9-19 | 57,31 G | |
| 9-27 | 57,25 G | 48,4 G |
| 10-19 | 57,17 G | |
| 10-23 | 57,14 G | |
| 10-25 | 57,33 G | |
| 11-19 | 57,33 G | |
| 64 1- 2 | | 49,6 G |
| 1- 4 | | 49,1 G |
| 1- 6 | | 50,0 G |
| 1- 7 | | 48,9 G |
| 9-17 | 57,28 G | |
| 9-22 | 57,23 G | |
| 9-26 | 57,33 G | |
| 9-29 | 57,26 G | |
| 9-30 | 57,30 G | |
| 10- 1 | 57,30 G | |
| 10-20 | | 49,5 G |
| 10-21 | | 50,0 G |
| 10-27 | 57,21 G | |
| 11- 3 | 57,30 G | |
| 11- 4 | 57,42 G | |
| 11- 8 | 57,36 G | |
| 65 10-23 | 57,16 G | |
| 11-12 | 57,27 G | |
| | III. | |
| | $23^{h}37^{m}$ | 61°19′ |
| 79 10-11 | $42^{s},35$ G | $49'',9$ G |
| 10-30 | 42,38 G | 49,3 G |
| 11- 3 | 42,31 G | 50,6 G |
| 11- 9 | 42,24 G | 51,4 G |

#### 34142 P. — 46498-99 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | $23^{h}36^{m}$ | 109°8′ |
| 37 9- 8 | | $12'',0$ F |
| 41 10-20 | $9^{s},39$ G | |
| 42 10-17 | 9,40 G | |
| 46 9-22 | 9,26 G | |
| 49 11-23 | 9,39 G | |
| | II. | |
| | $23^{h}36^{m}$ | 109°3′ |
| 54 10-31 | $56^{s},06$ G | |
| 11-11 | 56,17 G | |
| 57 11-27 | 56,17 G | $13'',7$ G |
| | III. | |
| | $23^{h}37^{m}$ | 108°58′ |
| 78 10-23 | $42^{s},93$ J | $14'',9$ J |
| 10-31 | 42,99 J | 13,6 J |

#### 34143 P. — 46509 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $23^{h}36^{m}$ | 61°28′ |
| 59 9-11 | $59^{s},27$ G | |
| 61 10-15 | 59,00 G | $49'',6$ G |
| | III. | |
| | $23^{h}37^{m}$ | 61°23′ |
| 71 11- 7 | $44^{s},10$ G | $48'',8$ G |

#### 34144 P. — 46503 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $23^{h}36^{m}$ | 88°37′ |
| 56 8-31 | $59^{s},39$ G | |
| 9- 4 | 59,40 G | |
| 57 11-30 | 59,51 G | $51'',8$ G |
| | III. | |
| | $23^{h}37^{m}$ | 88°32′ |
| 74 11- 5 | $45^{s},54$ G | |
| 79 10-27 | 45,60 J | $52'',2$ J |

#### 34145 P. — 46515 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $23^{h}37^{m}$ | 52°50′ |
| 68 10-13 | $52^{s},06$ G | $17'',8$ G |
| 73 11- 3 | 52,03 G | |
| 74 10-10 | 51,93 G | 16,1 G |
| 75 11-13 | 52,01 G | 16,1 G |

#### 34146 P. — 46512 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | $23^{h}36^{m}$ | 90°8′ |
| 47 10-15 | $22^{s},25$ G | |
| 11-12 | 22,25 G | |
| | II. | |
| | $23^{h}37^{m}$ | 90°3′ |
| 56 9-25 | $8^{s},23$ G | $45'',4$ G |
| | III. | |
| | $23^{h}37^{m}$ | 89°58′ |
| 79 11- 9 | $54^{s},20$ J | $49'',1$ J |

#### 34147 P. — 46516-17 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $23^{h}37^{m}$ | 48°18′ |
| 67 11- 8 | $9^{s},65$ M | $45'',3$ M |
| | III. | |
| | $23^{h}37^{m}$ | 48°13′ |
| 79 10-11 | $54^{s},26$ M | $47'',3$ M |
| 80 9-28 | 54,11 G | 46,6 G |
| 10-11 | 54,41 G | 50,5 G |
| 10-18 | 54,09 G | 47,6 G |
| 81 10-18 | 54,18 G | 46,8 G |

#### 34148 P. — 46510-11 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $23^{h}37^{m}$ | 117°1′ |
| 56 12-27 | $11^{s},48$ G | |
| 60 10-20 [1] | 11,59 G | |
| 61 10-26 | 11,48 G | $23'',9$ G |
| | III. | |
| | $23^{h}37^{m}$ | 116°56′ |
| 79 12-20 [2] | $58^{s},70$ J | $25'',1$ J |

[1] 𝒜 dim. de $0^{s},83$ : erreur de réduct.
[2] 𝒜 dim. de $0^{s},31$ : erreur de réduct.

#### 34149 P. — 46514 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $23^{h}37^{m}$ | 105°11′ |
| 55 10- 6 | $14^{s},24$ G | |
| 58 9-27 | | $45'',3$ F |
| 11-12 | 14,26 G | 45,2 G |
| 59 11-11 | 14,38 G | 44,0 G |
| 67 10-22 | 14,34 M | 45,7 M |
| | III. | |
| | $23^{h}38^{m}$ | 105°6′ |
| 78 10-20 | $0^{s},87$ M | $46'',0$ M |

#### 34150 P. — 46519 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $23^{h}37^{m}$ | 54°26′ |
| 66 9-26 | $16^{s},65$ G | $19'',2$ G |
| 10-15 | | 19,8 G |
| | III. | |
| | $23^{h}38^{m}$ | 54°21′ |
| 80 10-11 | $1^{s},46$ J | $19'',9$ J |
| 81 10-19 | 1,35 J | 20,0 J |

#### 34151 P. — 6339 $R_3$.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $23^{h}38^{m}$ | 93°9′ |
| 78 10- 2 [1] | $2^{s},12$ J | $1'',0$ J |

[1] Différence de $0^{s},80$ avec $R_3$ en asc. dr.

#### 34152 P. — 46513 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $23^{h}37^{m}$ | 117°15′ |
| 58 10-31 | $15^{s},16$ G | $7'',9$ G |

#### 34152 P. (suite).

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $23^{h}38^{m}$ | 117°10′ |
| 81 10-17 | $2^{s},41$ M | $6'',5$ M |
| 10-18 | 2,39 M | 5,4 M |

#### 34153 P. — 46520 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | III. | |
| | $23^{h}38^{m}$ | 52°33′ |
| 80 11- 3 | $2^{s},59$ J | $55'',0$ J |
| 81 10- 1 | 2,70 J | 54,5 J |

#### 34154 P. — 46518 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | I. | |
| | $23^{h}36^{m}$ | 94°2′ |
| 40 10-12 | $35^{s},05$ G | |
| | II. | |
| | $23^{h}37^{m}$ | 93°57′ |
| 55 9-19 [1] | $21^{s},28$ G | $2'',2$ G |
| 58 9-26 | 21,23 G | |
| 11- 2 | 21,18 G | |
| | III. | |
| | $23^{h}38^{m}$ | 93°52′ |
| 76 10-12 | $7^{s},52$ G | $6'',7$ G |
| 11- 7 | 7,41 G | 6,2 G |
| 11-10 | 7,35 G | 5,5 G |

[1] 𝒫 diminuée de 10″ : err. de réduct.

#### 34155 P. — 46521 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $23^{h}37^{m}$ | 82°16′ |
| 56 8- 5 | $22^{s},37$ G | |
| 58 8-27 | | $14'',5$ G |
| | III. | |
| | $23^{h}38^{m}$ | 82°11′ |
| 79 9- 8 | $8^{s},45$ M | $15'',9$ M |

#### 34156 P. — 46522 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $23^{h}37^{m}$ | 99°37′ |
| 57 8-13 | $25^{s},60$ G | |
| 8-25 | 25,57 G | |
| 9-18 | | $32'',7$ G |
| 10-16 | 25,72 G | |
| | III. | |
| | $23^{h}38^{m}$ | 99°32′ |
| 78 10-31 | $12^{s},21$ M | $32'',9$ M |

#### 34157 P. — 46523 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| | II. | |
| | $23^{h}37^{m}$ | 96°54′ |
| 58 9- 9 | | $25'',2$ F |
| 64 10-18 | $27^{s},82$ M | 25,5 M |
| | III. | |
| | $23^{h}38^{m}$ | 96°49′ |
| 79 10-30 | $14^{s},09$ J | $26'',5$ J |

Dates 1800+ — Positions moyennes pour les époques du Catal.

### 34158 P. — 760 W[1].

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | $23^h36^m$ | 99°19' |
| 43 8-21 | $42^s,83$ G | 22",2 G |
| 8-27 | 43,02 G | 19,4 G |
| 8-27 | | 18,2 F |
| 8-29 | 42,87 G | 21,0 G |
| 8-29 | | 19,3 F |
| 8-30 | 42,90 G | |
| 8-31 | 43,00 G | |
| 9-1 | 42,86 G | |

### 34159 P. — 46529 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | $23^h38^m$ | 35°29' |
| 81 11-17 | $18^s,10$ G | |

### 34160 P. — 46525 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | $23^h37^m$ | 116°26' |
| 61 11-1 | $33^s,01$ G | 1",9 G |
| III. | $23^h38^m$ | 116°21' |
| 80 10-1 | $19^s,61$ M | 0",7 M |

### 34161 P. — 46527 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | $23^h37^m$ | 95°42' |
| 57 11-11 | $35^s,38$ G | 45",9 G |
| III. | $23^h38^m$ | 97°37' |
| 79 11-12 | $21^s,65$ J | 47",6 J |

### 34162 P. — 46531 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | $23^h37^m$ | 44°23' |
| 67 11-29 | $37^s,71$ M | 46",4 M |
| III. | $23^h38^m$ | 44°18' |
| 79 11-21 | $21^s,78$ G | 46",1 G |

### 34163 P. — 46533 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | $23^h38^m$ | 35°12' |
| 81 10-29 | $24^s,24$ G | 9",0 G |
| 11-11 | 24,65 G | 9,7 G |

### 34164 P. — 46528 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | $23^h36^m$ | 83°40' |
| 39 9-21 | $54^s,39$ G | |
| 11-8 | 54,58 G | |
| 11-9 | 54,54 G | |
| 41 10-11 | 54,48 G | |

### 34164 P. (suite).

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | $23^h36^m$ | 83°40' |
| 41 10-12 | $54^s,59$ G | |
| 49 10-17 | 54,66 G | |
| 10-18 | 54,53 G | |
| 10-19 | 54,63 G | |
| II. | $23^h37^m$ | 83°35' |
| 55 10-16 | $40^s,32$ G | |
| 62 12-10 | 40,35 G | 6",5 G |
| III. | $23^h38^m$ | 83°30' |
| 74 10-31 | $26^s,11$ G | 5",2 G |
| 75 10-25 | 26,04 M | 7,1 M |

### 34165 P. — 46534 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | $23^h38^m$ | 54°21' |
| 74 10-24 | $33^s,07$ M | 51",3 M |
| 80 9-27 | 33,07 M | 50,3 M |

### 34166 P. — 46538 à 40 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | $23^h37^m$ | 47°1' |
| 67 11-7 | $48^s,81$ M | 51",6 M |
| 11-27 | 49,07 M | |
| III. | $23^h38^m$ | 46°56' |
| 68 10-28 | $33^s,11$ M | 51",3 M |

### 34167 P. — 46532 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | $23^h37^m$ | 91°31' |
| 42 10-6 | $3^s,47$ G | |
| II. | $23^h37^m$ | 91°26' |
| 55 10-2 | $49^s,40$ G | |
| III. | $23^h38^m$ | 91°21' |
| 78 9-14 | $35^s,56$ M | 16",1 M |

### 34168 P. — 46536 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II | $23^h37^m$ | 61°55' |
| 58 11-7 | | 38",1 G |
| 59 11-18[1] | $51^s,15$ G | |
| 11-19[2] | 51,07 G | |
| 60 11-26 | 51,15 G | 37,3 G |
| III. | $23^h38^m$ | 61°50' |
| 71 11-20 | $35^s,81$ G | |

[1] 𝒜 diminuée de $10^s$.
[2] 𝒜 augm. de $50^s$ : le passage a été dim. arbitrairement de $50^s$ par l'observateur.

### 34169 P. — 4135 Gr.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | $23^h38^m$ | 35°18' |
| 81 11-17 | | 4",0 G |
| 11-19 | $37^s,35$ G | 3,6 G |

### 34170 P. — 46535 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | $23^h37^m$ | 88°41' |
| 55 11-26 | $54^s,16$ G | |
| III. | $23^h38^m$ | 88°36' |
| 72 11-8 | $40^s,28$ G | |
| 74 9-19 | 40,17 M | 8",3 M |
| 10-14 | 40,30 M | 10,1 M |

### 34171 P. — 46524 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | $23^h37^m$ | 35°3' |
| 40 2-8[1] | $16^s,50$ G | 35",8 F |
| 10-6[1] | 16,65 G | 36,7 F |
| 10-9[1-2] | 16,38 G | 37,7 F |
| 10-10[1] | 16,32 G | 32,8 F |
| 10-13 | 16,39 G | |

[1] Observations de distance polaire faites sans indication de la position de l'observateur. On n'a pas tenu compte de la valeur de l'équation personnelle dans le calcul de la distance polaire.
[2] 𝒫 augmentée de 2°.

### 34172 P. — 46541 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | $23^h37^m$ | 69°23' |
| 57 12-24 | $59^s,70$ G | 9",3 G |
| 59 11-14 | | 8,8 G |
| III. | $23^h38^m$ | 69°18' |
| 71 10-12 | $44^s,73$ G | |
| 11-5 | 44,95 G | 10",4 G |

### 34173 P. — 46547 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | $23^h38^m$ | 40°6' |
| 80 11-3 | $47^s,15$ G | 19",1 G |
| 11-22 | | 18,7 G |

### 34174 P. — 46542 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | $23^h38^m$ | 82°32' |
| 56 10-21 | $4^s,05$ G | 45",5 G |
| 10-29 | 4,01 G | |
| 10-30 | 3,98 G | |
| 57 9-25 | 3,94 G | |
| 9-29 | 4,24 G | |
| III. | $23^h38^m$ | 82°27' |
| 71 10-16 | $50^s,10$ M | 45",8 M |

### 34175 P. — 46544 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | $23^h38^m$ | 80°40' |
| 56 9-5[1] | $5^s,79$ G | |
| 10-19 | | 18",1 G |
| 11-5 | 5,81 G | |
| III. | $23^h38^m$ | 80°35' |
| 74 11-4 | $51^s,71$ G | |

[1] 𝒜 augmentée de $0^s,60$ : erreur de moy.

### 34176 P. — 46545 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | $23^h38^m$ | 75°43' |
| 58 8-6 | $6^s,07$ G | |
| 9 3 | 6,07 G | 58",8 G |
| 9-8 | | 59,5 F |

### 34177 P. — 46546 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | $23^h38^m$ | 56°59' |
| 66 10-16 | $6^s,81$ G | 27",7 G |
| 67 11-13 | | 29,0 G |

### 34178 P. — 46543 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | $23^h38^m$ | 104°27' |
| 54 10-27 | | 34",1 G |
| 58 12-1 | $7^s,61$ G | 33,4 G |
| III. | $23^h38^m$ | 104°22' |
| 78 10-26 | $54^s,40$ M | 33",6 M |

### 34179 P. — 46548 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | $23^h37^m$ | 80°40' |
| 39 8-24 | | 51",6 F |
| 9-10 | | 48,6 F |
| 9-11 | | 49,5 F |
| 43 10-24 | | 49,3 G |
| 46 10-22 | $28^s,02$ G | |
| 10-23 | 28,16 G | |
| II. | $23^h38^m$ | 80°35' |
| 55 9-17 | | 47",9 G |
| 11-11 | $13^s,75$ G | 49,1 G |
| 56 9-5 | 13,66 G | |
| 11-5 | 13,75 G | |

### 34180 P. — 46550 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | $23^h39^m$ | 57°3' |
| 80 10-30 | $4^s,65$ J | 46",6 J |
| 11-8 | 4,51 J | 46,4 J |
| 81 9-26 | 4,55 J | 46,2 J |

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### 34181 P. — 46549 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $23^h38^m$ | 76°6' |
| 59 11-12 | $19^s,71$ G | 0",9 G |
| III. | $23^h39^m$ | 76°1' |
| 79 9-10 | $5^s,51$ M | 3",5 M |

### 34182 P. — 46551-52 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $23^h38^m$ | 59°2' |
| 59 10-26 | | 31",1 G |
| 11-23 | | 30,9 G |
| 61 10-16 | $26^s,18$ G | 30,3 G |
| III. | $23^h39^m$ | 58°57' |
| 73 10-28 | $11^s,41$ G | 29",2 G |
| 74 10-16 | 11,60 M | 31,4 M |
| 10-27 | 11,42 M | 31,2 M |

### 34183 P. — 46553-54 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | $23^h37^m$ | 77°42' |
| 46 8-26 | $44^s,87$ G | |
| II. | $23^h38^m$ | 77°37' |
| 57 10-5 | $30^s,60$ G | |
| 58 8-26 | 30,64 G | 25",3 G |
| III. | $23^h39^m$ | 77°32' |
| 79 11-15 | $16^s,24$ G | 24",4 G |

### 34184 P. — 779 W$_1$.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | $23^h37^m$ | 89°11' |
| 48 10-25 | $51^s,73$ G | |
| 10-26 | 51,66 G | 15",1 G |
| 10-27 | 51,78 G | |

### 34185 P. — 46561 et 63 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $23^h38^m$ | 62°35' |
| 58 9-8[1] | $45^s,96$ G | 55",1 G |
| 11-7 | 45,97 G | 53,6 G |
| III. | $23^h39^m$ | 62°30' |
| 71 11-17 | $31^s,08$ G | |
| 11-19 | 31,07 G | |
| 74 9-17 | | 55",3 G |
| 10-8 | | 54,7 G |
| 10-24 | 31,35 G | 55,9 G |

[1] 𝒟 augmentée de 1'.

### 34186 P. — 46555-56 L. (1re).

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | $23^h37^m$ | 109°32' |
| 41 9-11 | $57^s,46$ G | |
| 10-20 | 57,48 G | |
| 42 10-17 | 57,59 G | |
| 51 10-17 | 57,71 G | |
| 53 8-20 | 57,59 G | |
| II. | $23^h38^m$ | 109°27' |
| 54 11-9 | $44^s,31$ G | |
| 11-11 | | 20",6 G |
| 55 9-18 | | 22,9 G |
| 56 11-14 | 44,43 G | 21,9 G |
| III. | $23^h39^m$ | 109°22' |
| 78 11-9 | $31^s,21$ J | 23",9 J |
| 79 9-25 | 31,28 J | 22,6 J |

### 34187 P. — 46555-56 L. (centre).

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | $23^h37^m$ | 109°32' |
| 49 11-23 | $57^s,62$ G | |

### 34188 P. — 46555 L. (2e).

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | $23^h37^m$ | 109°32' |
| 53 11-1 | $57^s,55$ G | |

### 34189 P. — 46557 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $23^h38^m$ | 104°13' |
| 58 8-20 | | 52",6 G |
| 11-10 | | 52,5 F |
| 60 10-4 | | 51,7 G |
| 11-18 | $46^s,10$ G | |
| 61 11-21 | 45,78 G | 53,5 G |
| 11-23 | 45,84 G | 53,0 G |
| 62 9-18 | | 52,1 G |
| 9-20 | 45,58 G | |
| 9-28 | 45,76 G | 52,0 G |
| 67 10-26 | 45,79 M | 52,5 M |
| III. | $23^h39^m$ | 104°8' |
| 78 10-22 | $32^s,39$ M | 52",2 M |

### 34190 P. — 46565 et 67 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | $23^h39^m$ | 57°24' |
| 69 9-28 | $35^s,53$ M | 11",5 M |
| 74 10-12 | 35,49 G | 10,4 G |
| 10-26 | 35,41 G | 10,9 G |

### 34191 P. — 46559 et 62 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | $23^h38^m$ | 90°35' |
| 49 9-17 | $3^s,90$ G | |
| 9-21 | 4,00 G | |
| II. | $23^h38^m$ | 90°30' |
| 55 10-15 | $49^s,74$ G | |
| 56 11-3 | | 47",7 G |
| 11-6 | | 46,3 G |
| 57 10-12 | 49,77 G | 46,7 G |
| 61 10-24 | 49,97 G | 47,5 G |
| III. | $23^h39^m$ | 90°25' |
| 78 10-15 | $35^s,99$ J | 48",8 J |

### 34192 P. — 46566 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | $23^h39^m$ | 53°5' |
| 80 10-24 | $36^s,26$ J | 10",5 J |
| 11-4 | 36,10 J | 10,5 J |
| 81 10-5 | 36,13 J | 11,1 J |
| 11-9 | 36,11 J | |

### 34193 P. — 46564 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | $23^h39^m$ | 60°2' |
| 81 10-6 | $36^s,17$ J | 47",8 J |
| 10-15 | 36,23 J | 45,7 J |

### 34194 P. — 46568 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | $23^h39^m$ | 57°38' |
| 81 10-4 | $41^s,16$ J | 5",6 J |
| 10-21 | 41,06 J | 5,8 J |

### 34195 P. — 46569 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| III. | $23^h39^m$ | 53°21' |
| 80 10-10 | $41^s,52$ J | 7",1 J |
| 81 10-22 | 41,57 J | 5,8 J |
| 10-29 | 41,58 J | 6,1 J |
| 10-30 | 41,72 J | 6,6 J |

### 34196 P. — 46574 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | $23^h38^m$ | 44°26' |
| 37 1-5 | $22^s,27$ G | |
| 1-11 | 22,41 G | 24",2 F |
| 8-18 | 22,14 G | |
| 9-8 | 22,15 G | 23,9 F |
| 9-9 | 22,19 G | 23,3 F |
| 9-11 | 22,13 G | 24,1 F |
| 9-16 | | 24,1 F |
| 9-19 | 22,24 G | 24,0 F |
| 9-20 | 22,28 G | 23,5 F |
| 9-22 | 22,26 G | |
| 9-23 | 22,16 G | 23,8 F |

### 34196 P. (suite).

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | $23^h38^m$ | 44°26' |
| 37 10-3 | $22^s,25$ G | |
| 10-4 | 22,23 G | |
| 10-9 | 22,34 G | |
| 10-10 | 22,35 G | |
| 10-11 | 22,25 G | 22",5 F |
| 10-12 | 22,31 G | |
| 38 8-15 | 22,22 G | |
| 9-3 | | 24,0 F |
| 10-30 | 22,34 G | |
| 40 10-25 | 22,00 G | |
| 10-31 | | 23,7 F |
| 11-27 | | 24,3 F |
| 46 9-10 | 22,23 G | |
| 9-11 | | 22,9 G |
| 9-26 | 22,23 G | |
| 10-21 | | 23,4 G |
| 11-4 | 22,19 G | |
| 11-13 | 22,26 G | |
| 52 8-13 | | 26,9 F |
| 8-15 | | 25,7 F |
| 8-16 | | 23,7 F |
| 8-18 | | 23,1 F |
| 10-12 | | 23,9 F |
| 10-13 | | 24,4 F |
| 53 1-8 | 22,17 G | |
| 9-12 | 22,28 G | |
| 9-24 | | 26,6 F |
| 10-13 | | 24,4 F |
| 10-25 | | 21,9 F |
| 11-1 | | 23,3 F |
| 11-3 | | 24,2 F |
| 11-25 | | 22,3 F |
| II. | $23^h39^m$ | 44°21' |
| 67 11-6 | $6^s,16$ M | 24",7 M |
| III. | $23^h39^m$ | 44°16' |
| 68 11-6 | $50^s,60$ M | 23",6 M |

### 34197 P. — 46570 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| II. | $23^h39^m$ | 104°8' |
| 58 8-20 | $4^s,46$ G | |
| 11-10 | | 28",7 F |
| 60 10-4 | 4,78 G | 30,1 G |
| 11-10 | 4,57 G | 31,1 G |
| 11-18[1] | 4,92 G | |
| 62 9-18 | 4,61 G | 28,3 G |
| 9-20 | | 30,0 G |
| 9-28 | | 32,0 G |
| 67 10-21 | 4,71 M | 31,0 M |

[1] 𝒜 diminuée de $0^s,20$ : erreur de moy.

### 34198 P. — 46571 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| I. | $23^h38^m$ | 83°40' |
| 41 10-12 | $21^s,39$ G | |
| II. | $23^h39^m$ | 83°35' |
| 55 10-19 | $7^s,19$ G | 47",8 G |
| 60 10-27 | 7,10 G | 50,0 G |
| 62 9-22 | 7,13 G | 49,5 G |

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### 34199 P. — 46577 L.

| | | |
|---|---|---|
| II. | $23^h 39^m$ | $40°6'$ |
| 67 10-10 | 10$^s$,33 M | 52″,4 M |
| III. | $23^h 39^m$ | $40°1'$ |
| 80 10-4[1] | 54$^s$,13 M | 51″,8 M |
| 10-18[2] | 54,39 M | 52,5 M |
| 10-24 | | 53,2 M |

[1] 𝒫 augm. de 1″ : erreur de réduct.
[2] 𝒫 diminuée de 2″,4 : erreur de réduct.

### 34200 P. — 46572-73 L.

| | | |
|---|---|---|
| II. | $23^h 39^m$ | $80°59'$ |
| 56 8-9 | 10$^s$,85 G | |
| 58 11-4 | | 6″,8 G |
| III. | $23^h 39^m$ | $80°54'$ |
| 72 10-25 | 56$^s$,57 G | 7″,7 G |

### 34201 P. — 46575 L.

| | | |
|---|---|---|
| I. | $23^h 38^m$ | $87°22'$ |
| 42 10-11 | 28$^s$,54 G | |
| 10-13 | 28,35 G | |
| 10-28[1] | | 20″,9 F |
| 49 9-25 | 28,53 G | |
| 9-26 | 28,48 G | |
| 10-10 | 28,26 G | |
| 52 11-20 | 28,58 G | |
| 53 11-4 | 28,42 G | |
| II. | $23^h 39^m$ | $87°17'$ |
| 54 1-8 | 14$^s$,47 G | |
| 56 8-7 | 14,28 G | |
| 8-29 | | 22″,2 G |
| 57 10-1 | 14,22 G | 22,2 G |
| 10-2 | 14,22 G | 22,2 G |
| 11-17 | 14,14 G | 23,0 G |
| III. | $23^h 40^m$ | $87°12'$ |
| 81 11-2 | 0$^s$,22 M | 23″,8 M |
| 11-2 | | 22,7 J |
| 11-28 | 0,32 J | 23,5 J |

[1] Erreur de $10^m$ dans l'asc. dr. approchée inscrite. Le Cahier-minute porte bien ★ ℛ = $23^h 38^m 22^s$.

### 34202 P. — 46584 L.

| | | |
|---|---|---|
| III. | $23^h 40^m$ | $39°54'$ |
| 81 10-1 | 2$^s$,39 G | 24″,3 G |
| 10-16 | | 23,8 G |
| 10-17 | 2,38 G | 25,8 G |

### 34203 P. — 5049 Washingt.

| | | |
|---|---|---|
| II. | $23^h 39^m$ | $93°47'$ |
| 58 9-19 | 16$^s$,91 G | |

### 34204 P. — 46580 L.

| | | |
|---|---|---|
| II. | $23^h 39^m$ | $46°33'$ |
| 67 9-28 | 19$^s$,10 M | 35″,1 M |
| 10-1 | 19,35 M | 35,2 M |

### 34205 P. — 46582 L.

| | | |
|---|---|---|
| II. | $23^h 39^m$ | $56°34'$ |
| 67 11-28 | | 47″,2 G |
| III. | $23^h 40^m$ | $56°29'$ |
| 73 10-16 | 5$^s$,83 G | 45″,8 G |
| 79 9-27 | 5,98 G | 44,4 G |
| 10-30 | 6,11 G | 45,5 G |
| 11-19 | 6,02 G | 46,0 G |

### 34206 P. — 46576 L.

| | | |
|---|---|---|
| II. | $23^h 39^m$ | $99°46'$ |
| 54 9-21 | 19$^s$,69 G | |
| 12-6 | | 16″,9 G |
| 67 10-22 | 19,90 M | 18,2 M |
| III. | $23^h 40^m$ | $99°41'$ |
| 76 11-7 | 6$^s$,32 M | 19″,6 M |
| 11-10 | 6,44 M | 19,8 M |

### 34207 P. — 46581 et 83 L.

| | | |
|---|---|---|
| II. | $23^h 39^m$ | $62°4'$ |
| 57 10-26 | | 23″,3 G |
| 58 10-17 | 22$^s$,93 G | 23,4 G |
| 10-30 | 22,92 G | 23,9 G |
| 11-10 | 22,69 G | 24,0 G |
| 60 11-26 | 22,96 G | |
| III. | $23^h 40^m$ | $61°59'$ |
| 79 11-28 | 8$^s$,01 G | |
| 80 9-28[1] | 8,09 M | 23″,5 M |
| 10-4 | 8,04 G | 24,3 G |
| 81 10-5 | 8,10 M | 24,9 M |
| 11-12 | 8,09 M | 25,7 M |

[1] 𝒫 augmentée de 5″ : erreur de moy.

### 34208 P. — 796 $W_1$.

| | | |
|---|---|---|
| I. | $23^h 38^m$ | $78°9'$ |
| 43 10-5 | 37$^s$,05 G | 47″,2 G |

### 34209 P. — 46578-79 L.

| | | |
|---|---|---|
| I. | $23^h 38^m$ | $90°19'$ |
| 39 9-11 | | 47″,0 F |
| 42 10-28 | 38$^s$,66 G | |

### 34209 P. (suite).

| | | |
|---|---|---|
| II. | $23^h 39^m$ | $90°14'$ |
| 55 9-26 | 24$^s$,69 G | |
| 56 10-14 | | 46″,3 G |
| 57 8-25 | 24,69 G | |
| 11-15 | | 45,5 G |
| 59 10-5 | | 47,9 G |
| 60 11-2 | 24,53 G | 47,3 G |
| 61 10-3 | 24,53 G | 47,1 G |
| III. | $23^h 40^m$ | $90°9'$ |
| 78 10-8 | 10$^s$,79 J | 47″,5 J |
| 10-13 | 10,58 M | 47,4 M |
| 11-5 | 10,62 J | |

### 34210 P. — 46587 L.

| | | |
|---|---|---|
| III. | $23^h 40^m$ | $57°17'$ |
| 68 10-29 | 19$^s$,69 G | 3″,7 G |
| 73 10-17 | 19,60 G | 5,1 G |
| 74 10-26 | 19,51 M | 4,0 M |

### 34211 P. — 46585 et 88 L.

| | | |
|---|---|---|
| II. | $23^h 39^m$ | $115°4'$ |
| 55 9-24 | | 16″,3 G |
| 9-25 | | 16,6 G |
| 58 10-31 | 34$^s$,94 G | 18,9 G |
| 61 10-26 | 35,13 G | 14,6 G |
| III. | $23^h 40^m$ | $114°59'$ |
| 79 12-20 | 21$^s$,97 J | 18″,2 J |
| 80 10-9 | 21,92 M | 16,4 M |
| 10-30 | 22,04 M | 17,0 M |

### 34212 P. — 46589 L.

| | | |
|---|---|---|
| II. | $23^h 39^m$ | $61°46'$ |
| 58 8-8 | | 17″,7 G |
| 59 9-16 | 38$^s$,65 G | |
| 11-19 | 38,82 G | |
| III. | $23^h 40^m$ | $61°41'$ |
| 71 10-14 | 23$^s$,59 G | 19″,9 G |

### 34213 P. — 46586 L.

| | | |
|---|---|---|
| II. | $23^h 39^m$ | $99°40'$ |
| 54 8-25 | 37$^s$,81 G | |
| 57 11-27 | 37,88 G | 22″,8 G |

### 34214 P. — 46590 L.

| | | |
|---|---|---|
| III. | $23^h 40^m$ | $56°33'$ |
| 74 10-10 | 24$^s$,33 G | 54″,3 G |
| 10-13 | 24,66 G | 51,9 G |

### 34215 P. — 46595 L.

| | | |
|---|---|---|
| III. | $23^h 40^m$ | $35°32'$ |
| 81 10-19 | 28$^s$,23 G | 28″,6 G |
| 10-22 | 28,27 G | 27,2 G |

### 34216 P. — 46592 L.

| | | |
|---|---|---|
| II. | $23^h 39^m$ | $53°16'$ |
| 66 10-8 | 43$^s$,70 G | 5″,1 G |
| 67 10-30 | | 4,6 G |
| III. | $23^h 40^m$ | $53°11'$ |
| 74 10-23 | 28$^s$,51 M | 5″,7 M |
| 10-28 | 28,43 M | 7,1 M |

### 34217 P. — 46591 L.

| | | |
|---|---|---|
| II. | $23^h 39^m$ | $73°14'$ |
| 57 10-20[1] | 46$^s$,40 G | 51″,8 G |
| 11-12 | | 51,9 G |
| 58 10-1 | | 53,3 G |
| III. | $23^h 40^m$ | $73°9'$ |
| 79 10-16 | 31$^s$,80 G | 51″,8 G |

[1] 𝒫 diminuée de 1″ : erreur de réduct.

### 34218 P. — 46593-94 L.

| | | |
|---|---|---|
| II. | $23^h 39^m$ | $62°21'$ |
| 58 11-1 | 49$^s$,35 G | 24″,0 G |
| III. | $23^h 40^m$ | $62°16'$ |
| 71 10-23 | 34$^s$,35 G | 25″,6 G |
| 11-7 | 34,49 G | 25,6 G |
| 11-13 | 34,46 G | |

### 34219 P. — 803 $W_1$.

| | | |
|---|---|---|
| I. | $23^h 39^m$ | $85°36'$ |
| 44 9-1 | 6$^s$,72 G | |

### 34220 P. — 46598 L.

| | | |
|---|---|---|
| III. | $23^h 40^m$ | $41°53'$ |
| 80 11-25 | 43$^s$,29 G | |
| 81 9-27 | 43,43 G | 33″,9 G |
| 10-15 | 43,34 G | 33,7 G |

### 34221 P. — 46597 L.

| | | |
|---|---|---|
| III. | $23^h 40^m$ | $44°28'$ |
| 80 9-27 | 44$^s$,17 G | 34″,4 G |
| 10-25[1] | 44,34 G | 33,1 G |

[1] ℛ dim. de 0$^s$,60 : err. de 1$^s$ sur les trois derniers fils.

Colonnes : Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (𝒜., 𝒫.)

### 34222 P. — 46602 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $23^h 39^m$ | 35°59′ |
| 40 | 2-11 I | $17^s,96$ G | 59″,7 F |
| | 10- 6[1] | 17,90 G | 56,4 F |
| | 10- 9[1] | 17,73 G | 57,7 F |
| | 10-10[1] | 17,65 G | 54,6 F |
| | 10-13 | 17,67 G | |
| | | III. | |
| | | $23^h 40^m$ | 35°49′ |
| 81 | 11-12 | $44^s,98$ G | 58″,4 G |

[1] Observations de distance polaire faites sans indication de la position de l'observateur. On n'a pas tenu compte de la valeur de l'équation personnelle dans le calcul de la distance polaire.

### 34223 P. — 46600-01 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $23^h 40^m$ | 39°27′ |
| 81 | 10-21 | $46^s,61$ G | 54″,9 G |
| | 10-30 | 46,38 G | 54,9 G |

### 34224 P. — 46596 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $23^h 39^m$ | 102°46′ |
| 39 | 9-21 | $16^s,75$ G | |
| 41 | 10-11[1] | 16,89 G | 3″,9 F |
| 49 | 10-17[2] | 16,77 G | |
| | 10-18[2] | 16,72 G | |
| | 10-19[2] | 16,77 G | |
| 52 | 10-18 | | 5,8 G |
| | | II. | |
| | | $23^h 40^m$ | 102°41′ |
| 54 | 8-29 | $3^s,11$ G | 5″,8 G |
| | 12- 1 | | 7,2 G |
| | | III. | |
| | | $23^h 46^m$ | 102°36′ |
| 78 | 10-23 | $49^s,58$ J | 8″,6 J |
| | 10-31 | 49,60 J | 7,9 J |

[1] 𝒜 augmentée de $17^s,59$ : erreur d'un rang dans l'ordre des fils observés.
[2] Indiquée à tort comme 187 Piazzi.

### 34225 P. — 46599 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $23^h 40^m$ | 87°53′ |
| 56 | 8-31 | $9^s,87$ G | |
| | 9-23 | | 18″,7 G |
| 57 | 9- 9 | 9,86 G | 16,8 G |
| | | III. | |
| | | $23^h 40^m$ | 87°48′ |
| 72 | 11- 8 | $56^s,03$ G | |

### 34226 P. — 46607 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $23^h 40^m$ | 33°14′ |
| 81 | 11- 4 | $56^s,01$ G | 34″,0 G |
| | 11-28[1] | 55,37 G | 33,0 G |

[1] 𝒜 non comprise dans la moyenne.

### 34227 P. — τ Cassiopée.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $23^h 39^m$ | 32°12′ |
| 46 | 9-17 | $30^s,26$ G | |
| 47 | 1- 5 | 30,40 G | |

### 34228 P. — 46603 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $23^h 40^m$ | 88°1′ |
| 56 | 10-25 | | 38″,9 G |
| 57 | 11-30 | $13^s,36$ G | 38,5 G |
| | | III. | |
| | | $23^h 40^m$ | 87°56′ |
| 72 | 11- 8 | | 39″,1 G |

### 34229 P. — 23047 A. O.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $23^h 40^m$ | 108°43′ |
| 59 | 8-19 | $16^s,93$ G | |

### 34230 P. — 46605 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $23^h 40^m$ | 64°32′ |
| 58 | 10-16 | $18^s,78$ G | 56″,2 G |
| | | III. | |
| | | $23^h 41^m$ | 64°27′ |
| 79 | 10- 4 | $4^s,22$ G | |
| | 11- 9 | 3,95 G | 55″,5 G |

### 34231 P. — 46606 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $23^h 41^m$ | 64°33′ |
| 80 | 9-30 | $4^s,77$ J | 44″,7 J |
| | 10-11 | 4,78 J | 44,7 J |

### 34232 P. — 46604 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $23^h 40^m$ | 106°45′ |
| 54 | 10-31 | $21^s,19$ G | |
| 58 | 11-30 | | 41″,8 G |
| | | III. | |
| | | $23^h 41^m$ | 106°40′ |
| 78 | 10- 8 | $8^s,07$ M | 41″,3 M |
| | 10-20 | 7,95 M | 40,5 M |

### 34233 P. — 46611 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $23^h 40^m$ | 65°11′ |
| 57 | 10-24 | $25^s,36$ G | 51″,4 G |
| 63 | 9-18 | 25,41 G | |
| | 9-19 | 25,42 G | |
| | 9-27 | 25,41 G | |
| | 10-23 | 25,37 G | |
| | 10-25 | 25,46 G | |

### 34233 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $23^h 40^m$ | 65°11′ |
| 63 | 11-19 | $25^s,44$ G | |
| | 11-20 | 25,39 G | |
| 64 | 9-17 | 25,25 G | |
| | 9-21 | 25,35 G | |
| | 9-22 | 25,36 G | |
| | 9-26 | 25,38 G | |
| | 9-29 | 25,45 G | |
| | 9-30 | 25,49 G | |
| | 10- 1 | 25,43 G | |
| | 10-24 | 25,38 G | |
| | 10-27 | 25,39 G | |
| | 11- 3 | 25,41 G | |
| | 11- 4 | 25,43 G | |
| | 11- 8 | 25,43 G | |
| 65 | 10-23 | 25,48 G | |
| | 11- 1 | 25,49 G | |
| | 11-12 | 25,40 G | |
| | | III. | |
| | | $23^h 41^m$ | 65°6′ |
| 71 | 12- 2 | $10^s,84$ G | |
| 74 | 9-17 | 10,70 M | 52″,2 M |
| | 10-13 | 10,65 M | 52,0 M |

### 34234 P. — 46610 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $23^h 40^m$ | 73°50′ |
| 58 | 10- 2 | | 22″,7 G |
| | 10-11 | $26^s,10$ G | 21,4 G |
| 60 | 10-29 | | 22,4 G |
| 62 | 9-15 | 25,95 G | |

### 34235 P. — 9835 Sj.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $23^h 40^m$ | 100°42′ |
| 61 | 9-28 | | 33″,4 G |

### 34236 P. — 46608 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $23^h 39^m$ | 96°41′ |
| 43 | 8-17 | $40^s,26$ G | 10″,0 G |
| | 8-17 | | 7,6 F |
| | 8-21 | 40,14 G | 10,1 G |
| | 8-27 | 40,39 G | 11,3 G |
| | 8-27 | | 9,5 F |
| | 8-29 | 40,18 G | 10,6 G |
| | 8-29 | | 11,5 F |
| | 8-30 | 40,17 G | |
| | 8-31 | 40,14 G | |
| | 9- 1 | 40,09 G | |
| | 9- 2 | 39,96 G | 11,0 G |
| | | II. | |
| | | $23^h 40^m$ | 96°36′ |
| 56 | 10- 4 | | 10″,5 G |
| 57 | 9-22 | $26^s,26$ G | |
| | 10-16 | 26,42 G | 11,2 G |

### 34237 P. — 46609 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $23^h 40^m$ | 95°14′ |
| 57 | 8-13 | $27^s,40$ G | |

### 34237 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $23^h 41^m$ | 95°9′ |
| 79 | 10-27 | $13^s,73$ J | 23″,1 J |
| | 10-30 | 13,74 J | 23,0 J |

### 34238 P. — 46612 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $23^h 40^m$ | 94°18′ |
| 58 | 9-11 | | 48″,9 F |
| | | III. | |
| | | $23^h 41^m$ | 94°13′ |
| 79 | 11- 9 | $15^s,54$ J | 51″,7 J |
| | 11-12 | 15,58 J | 52,2 J |

### 34239 P. — 46614 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $23^h 39^m$ | 91°37′ |
| 47 | 10-15 | $45^s,78$ G | |
| | 11-12 | 45,65 G | 20″,1 G |
| | | II. | |
| | | $23^h 40^m$ | 91°32′ |
| 56 | 9-25[1] | $31^s,79$ G | 19″,1 G |
| | | III. | |
| | | $23^h 41^m$ | 91°27′ |
| 76 | 10-12 | $17^s,75$ G | 21″,9 G |
| | 10-18 | 17,74 G | 20,4 G |
| | 11- 7 | 17,71 G | 22,1 G |

[1] 𝒫 diminuée de 5′.

### 34240 P. — 46617 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $23^h 41^m$ | 41°24′ |
| 80 | 10-24 | $18^s,66$ G | 2″,8 G |
| | 11- 8 | 18,66 G | 3,8 G |

### 34241 P. — 46616 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $23^h 40^m$ | 56°15′ |
| 66 | 10-15 | $34^s,19$ G | 21″,6 G |
| 67 | 11- 6[1] | | 18,7 G |
| | | III. | |
| | | $23^h 41^m$ | 56°10′ |
| 74 | 10-20 | $19^s,33$ M | 20″,4 M |
| 79 | 10-11 | 19,15 G | 20,4 G |

[1] 𝒫 diminuée de 4′. Dans la lecture des microscopes, on a dû inscrire $-2^t$ au lieu de $+2^t$.

### 34242 P. — 5705 Sf. — 3°.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $23^h 40^m$ | 93°31′ |
| 58 | 9-19 | $34^s,04$ G | |

Dates 1800+ — Positions moyennes pour les époques du Catal.

### 34243 P. — 46613 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 23h40m | 113°48' |
| 57 10-13 | 34s,71 G | 12",8 G |
| III. | 23h41m | 113°43' |
| 80 10- 1 | 21s,44 M | 11",8 M |
| 81 10-17 | 21,58 M | 12,6 M |
| 10-18 | 21,47 M | 12,3 M |

### 34244 P. — 818 W1.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 23h40m | 86°32' |
| 56 10- 9 | 35s,41 G | |

### 34245 P. — 46621 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | 23h41m | 44°40' |
| 80 11-15 | 22s,99 G | 32",7 G |
| 81 10-31 | 23,14 G | 33,4 G |

### 34246 P. — 46615 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| I. | 23h39m | 86°41' |
| 50 9-25 | | 2",9 G |
| II. | 23h40m | 86°36' |
| 56 9-26 | | 0",5 G |
| 10- 9 | 39s,52 G | 2,7 G |
| III. | 23h41m | 86°31' |
| 71 10-23 | 26s,00 M | 4",9 M |
| 72 10-23 | 26,12 M | 5,3 M |
| 74 10-27 | 26,02 G | 4,7 G |

### 34247 P. — 46622 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 23h40m | 62°22' |
| 59 9-11 | 42s,68 G | 13",7 G |
| III. | 23h41m | 62°17' |
| 71 11- 5 | 27s,43 G | |
| 74 9-24 | | 13",0 G |
| 10- 8 | | 13,4 G |
| 75 11-13 | 27,66 G | 13,6 G |
| 11-22 | 27,58 G | 15,6 G |
| 12- 6 | 27,88 M | 13,1 M |

### 34248 P. — 46620 L[1].

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 23h40m | 73°42' |
| 56 8-30 | | 8",3 G |
| 57 9-20 | 41s,09 G | |
| 60 10-29 | 41,17 G | |

### 34248 P. (suite).

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | 23h41m | 73°37' |
| 79 9-10 | 29s,96 M | 8",3 M |
| 10-30 | 30,06 M | 9,6 M |

[1] Étoile double : les deux compos. ont même asc. dr. et diffèrent de 4" en dist. pol. Les dist. pol. observées se rapportent à la plus boréale.

### 34249 P. — 46624 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 23h40m | 73°43' |
| 57 9-20 | 45s,13 G | |
| 60 10-29[1] | 45,15 G | 17",8 G |
| 61 10-17 | 45,06 G | 16,7 G |

[1] Æ augm. de 0s,41 : erreur de réduct.

### 34250 P. — 46618-19 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| I. | 23h39m | 93°37' |
| 37 1- 4 | 58s,42 G | |
| 8-18 | 58,24 G | 21",5 F |
| 9-11 | | 23,0 F |
| 9-15 | 58,38 G | |
| 9-16 | 58,42 G | 21,9 F |
| 9-19 | | 23,1 F |
| 9-20 | | 22,6 F |
| 9-23[1] | | 21,2 F |
| 10-11 | | 22,2 F |
| 10-12 | 58,42 G | |
| 38 10- 2 | 58,28 G | |
| 11-25 | 58,41 G | |
| 11-26 | 58,50 G | 21,8 F |
| 40 11- 4 | 58,43 G | |
| 41 9-10 | 58,37 G | 22,3 F |
| 9-11 | 58,46 G | |
| 9-20 | 58,47 G | |
| 10-20 | | 21,0 F |
| 10-21 | 58,47 G | |
| 42 10- 6 | 58,38 G | 21,2 F |
| 45 11-22 | 58,48 G | |
| 46 9-15 | 58,47 G | |
| 9-22 | 58,45 G | |
| 10-20[2] | 58,33 G | |
| 10-21 | 58,38 G | |
| 11- 2 | 58,36 G | |
| 48 10- 5 | 58,46 G | |
| 10- 6 | 58,38 G | |
| 49 9- 3 | 58,56 G | |
| 50 8-24 | 58,49 G | 21,6 F |
| 52 10-25 | 58,42 G | |
| 53 10-13 | 58,62 G | 22,4 G |
| II. | 23h40m | 93°32' |
| 55 9-19 | 44s,72 G | |
| 9-20 | | 19",0 G |
| 57 11-25 | 44,36 G | |
| 58 9-19[3] | 45,14 G | |
| 59 11-23 | 44,64 G | |
| III. | 23h41m | 93°27' |
| 76 10- 2 | 30s,98 M | 20",5 M |
| 11-10 | 31,04 G | 22,3 G |
| 78 9-18 | 31,04 G | |

[1] ℘ diminuée de 5" : erreur de réduct.
[2] Æ augmentée de 1m.
[3] Æ non comprise dans la moyenne.

### 34251 P. — 46627 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 23h40m | 62°9' |
| 58 10-30 | 55s,59 G | 44",7 G |
| III. | 23h41m | 62°4' |
| 71 11-20 | 40s,46 G | |
| 74 10-10 | 40,78 M | 43",9 M |
| 75 10- 8 | 40,71 M | 43,3 M |

### 34252 P. — 46625 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 23h40m | 107°28' |
| 54 9- 1 | | 29",3 G |
| 12- 2 | | 30,2 G |
| 55 10- 6 | 56s,28 G | 32,5 G |
| 58 11- 2 | 56,32 G | |

### 34253 P. — 46629 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| I. | 23h40m | 82°36' |
| 50 12- 3 | 17s,48 G | |
| 53 11-26[1] | 17,94 G | |
| II. | 23h41m | 82°31' |
| 55 11-26 | 3s,22 G | |
| 56 10-28 | | 54",5 G |
| 57 9-25 | 3,27 G | |
| 58 8-27[2] | 3,24 G | |
| III. | 23h41m | 82°26' |
| 73 10-28 | 49s,02 M | |
| 74 9-25 | | 54",0 G |
| 10- 6 | | 52,9 G |
| 10-16 | 49,17 G | 51,9 G |
| 10-28 | 49,19 G | 52,8 G |
| 10-31 | 49,16 G | 52,9 G |
| 11- 2 | 49,14 G | 53,3 G |
| 11- 5 | 49,22 G | 53,5 G |
| 75 10-23 | 49,14 M | 52,4 M |

[1] Æ non comprise dans la moyenne. La correction de pendule C'p est déduite d'une seule fondamentale.
[2] Æ augmentée de 0s,60 : les trois derniers fils avaient été arbitrairement diminués de 1s.

### 34254 P. — 46630 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 23h41m | 83°36' |
| 56 10-21 | 5s,75 G | |
| 57 9-21 | 5,98 G | |
| 60 9-15 | 5,73 G | 48",9 G |
| 10-25 | | 48,3 G |
| 11- 3 | 5,95 G | |
| 61 9-18 | 5,63 G | 47,5 G |
| 62 9- 3 | 5,88 G | 48,6 G |

### 34255 P. — 46635 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| III. | 23h41m | 49°35' |
| 81 10-18 | 53s,41 G | 7",9 G |
| 11- 9 | 53,37 G | 8,7 G |

### 34256 P. — 14286 Cambridge.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 23h41m | 61°56' |
| 60 11-26 | | 31",7 G |

### 34257 P. — 46632 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 23h41m | 82°35' |
| 55 11-26 | 9s,59 G | |
| 57 9-25 | 9,79 G | |
| 61 10-19 | 9,98 G | 19",6 G |

### 34258 P. — 3166 Br.

| A. M. J. | Æ | ℘ |
|---|---|---|
| I. | 23h40m | 23°3' |
| 50 4-24 I | 31s,90 G | |
| 52 1-22 I | | 15",4 F |
| 12- 8 I | | 16,5 F |
| 12-10 | | 14,0 F |
| 12-10 I | | 14,6 F |
| 12-11 | | 14,2 G |
| 12-11 I | | 15,3 G |
| 12-11 I | | 15,0 F |
| 12-13 I | | 18,2 F |
| 12-15 | | 14,3 G |
| 12-17 | | 13,9 F |
| 12-18 | | 15,2 G |
| 12-19 | | 14,3 F |
| 12-20 | | 15,5 F |
| 12-20 I | | 16,0 F |
| 12-28 I | | 13,6 G |
| 53 1- 8 | | 13,9 F |
| 1- 8 I | | 16,4 F |
| 1-11 | | 14,8 F |
| II. | 23h41m | 22°58' |
| 63 9-27 | | 15",0 G |
| 64 1- 2 | | 16,1 G |
| 1- 5 | | 15,4 G |
| 1- 6 | | 16,2 G |
| 1- 7 | | 15,1 G |
| 10-20 | | 16,2 G |
| 10-21 | | 15,4 G |

### 34259 P. — 46634 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 23h41m | 102°17' |
| 58 12- 1 | 15s,11 G | 12",4 G |
| 67 10-26 | 15,12 M | 11,1 M |

### 34260 P. — 46633 L.

| A. M. J. | Æ | ℘ |
|---|---|---|
| II. | 23h41m | 109°39' |
| 58 10-21 | 16s,01 G | 41",6 G |

Dates 1800+ — Positions moyennes pour les époques du Catal.

### 34260 P. (suite).

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h 42m | 109°34′ |
| 78 10-22 | 2s,66 M | 41″,5 M |
| 10-26 | 2,75 M | 40,7 M |

### 34261 P. — 46636-37 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 23h 40m | 97°14′ |
| 39 9-15 | 34s,56 G | |
| 9-18 | 34,29 G | |
| 9-19 | 34,33 G | |
| 10-8 | 34,45 G | |
| 11-8 | 34,43 G | |
| 11-9 | 34,53 G | 26″,0 F |
| 51 10-17 | 34,53 G | |
| II. | 23h 41m | 97°9′ |
| 55 12-19 | | 26″,1 G |
| 57 9-18 | | 27,3 G |
| 10-12 | 20s,87 G | 26,2 G |
| 11-10 | 20,73 G | |
| III. | 23h 42m | 97°4′ |
| 75 11-2 | 7s,13 M | 27″,3 M |

### 34262 P. — 46639 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h 42m | 40°49′ |
| 81 11-19 | 7s,15 G | 43″,0 G |

### 34263 P. — 46638 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h 42m | 60°10′ |
| 80 10-1 | 12s,60 J | 0″,2 J |
| 10-25 | 12,51 J | 1,0 J |

### 34264 P. — 844 W$_1$.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h 42m | 102°28′ |
| 77 10-13 | 13s,09 M | 7″,2 M |
| 10-15 | 13,14 M | 6,2 M |
| 10-16 | 13,11 M | 6,0 M |
| 10-18 | 13,03 M | 6,4 M |
| 10-19 | 13,38 M | 6,9 M |

### 34265 P. — 46640 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h 42m | 65°2′ |
| 71 10-12 | 13s,52 G | |
| 11-17 | 13,43 G | |
| 74 10-14 | 13,31 M | 23″,3 M |

### 34266 P. — 46643 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h 42m | 54°33′ |
| 73 10-28 | 15s,13 G | 36″,5 G |
| 80 10-30 | 14,96 J | 38,5 J |
| 11-3 | 14,96 J | 38,2 J |
| 11-8 | 14,76 J | 37,9 J |

### 34267 P. — 46642 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h 41m | 62°24′ |
| 58 9-8 | 31s,28 G | 24″,3 G |
| III. | 23h 42m | 62°19′ |
| 79 9-28 | 16s,35 G | 22″,3 G |
| 11-15 | 16,54 G | 23,1 G |

### 34268 P. — 46645 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h 42m | 54°25′ |
| 73 11-13 | 18s,94 G | 9″,3 G |
| 74 9-8 | 18,99 G | 10,8 G |
| 9-17 | | 9,1 G |
| 10-12 | 18,89 G | 9,8 G |
| 10-23 | | 9,5 G |
| 10-24 | 18,94 G | 9,5 G |

### 34269 P. — 46649 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h 42m | 35°2′ |
| 80 10-10 | | 46″,9 G |

### 34270 P. — 46641 L.

δ Sculpteur.

Étoile fondamentale.

### 34271 P. — 46646-47 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 23h 40m | 88°38′ |
| 39 9-11 | | 42″,7 F |
| 42 10-11 | 53s,56 G | |
| 10-13 | 53,24 G | |
| 43 8-8 | 53,38 G | 44,0 G |
| 8-11 | 53,13 G | 44,4 F |
| 8-12 | 53,43 G | 43,9 G |
| 8-12 | | 42,0 F |
| II. | 23h 41m | 88°33′ |
| 56 8-5 | 39s,61 G | |
| 10-5 | | 43″,0 G |
| 58 11-4 | | 44,2 G |
| III. | 23h 42m | 88°28′ |
| 73 11-3 | 25s,35 M | |
| 74 11-4 | 25,44 G | 44″,6 G |
| 11-6 | 25,39 G | 45,4 G |
| 75 10-25 | 25,41 M | 45,0 M |

### 34272 P. — 46656 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h 42m | 42°7′ |
| 81 10-3 | 30s,68 G | 37″,8 G |
| 10-29 | 30,83 G | 38,2 G |

### 34273 P. — 46655 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h 42m | 46°17′ |
| 80 9-28 | 32s,39 G | 51″,0 G |
| 10-11 | 32,64 G | 49,2 G |
| 10-18 | 32,42 G | 50,3 G |
| 81 9-26 | | 49,3 G |

### 34274 P. — 46648 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h 41m | 78°8′ |
| 58 9-8 | | 42″,4 F |
| 9-27 | | 42,6 G |
| 10-1 | | 42,8 G |
| 60 10-22 | 46s,88 G | |
| 61 10-15 | 46,77 G | 42,9 G |
| 10-18 | 46,88 G | 42,0 G |
| 11-3 | 46,69 G | |
| 62 9-17 | 46,86 G | |

### 34275 P. — 46652 à 54 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h 41m | 59°2′ |
| 67 11-13 [1] | | 56″,6 G |
| III. | 23h 42m | 58°57′ |
| 68 10-13 | 32s,77 G | 58″,8 G |
| 75 10-9 | 32,93 M | 59,7 M |

[1] 𝒫 dim. de 10″: erreur de réduct.

### 34276 P. — 4144 Gr.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 23h 41m | 25°58′ |
| 38 12-12 | 10s,46 G | 58″,6 F |
| 12-13 | 10,60 G | 60,3 F |
| 52 12-8 | | 63,3 G |
| II. | 23h 41m | 25°54′ |
| 54 8-22 | | 2″,6 G |

### 34277 P. — 46657 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h 41m | 64°27′ |
| 58 8-8 | | 45″,1 G |
| 10-4 | 51s,60 G | 44,0 G |
| 10-15 | 51,95 G | 45,0 G |
| 10-16 | 51,50 G | 45,5 G |

### 34278 P. — 46659 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h 42m | 58°39′ |
| 80 10-24 | 40s,09 J | 9″,2 J |
| 81 10-1 | 40,13 J | 8,6 J |
| 10-5 | 39,95 J | 7,8 J |
| 10-15 | 40,00 J | 7,2 J |

### 34279 P. — 46650 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h 41m | 88°20′ |
| 56 8-9 | 53s,20 G | |
| 10-18 | | 16″,9 G |
| III. | 23h 42m | 88°15′ |
| 80 9-27 | 40s,70 M | 41″,3 M |

### 34280 P. — 46651 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h 41m | 114°0′ |
| 58 10-31 | 53s,77 G | 4″,9 G |
| III. | 23h 42m | 113°55′ |
| 79 9-25 | 40s,83 J | 4″,5 J |

### 34281 P. — 46658 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h 41m | 84°23′ |
| 55 10-19 | 56s,28 G | 43″,4 G |
| III. | 23h 42m | 84°18′ |
| 79 9-8 | 42s,28 M | 43″,8 M |

### 34282 P. — 46662 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h 42m | 54°32′ |
| 80 10-9 | 47s,09 J | 48″,1 J |
| 81 10-4 | 47,08 J | 48,5 J |

### 34283 P. — 46661 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h 42m | 104°4′ |
| 54 11-9 | 2s,70 G | |
| 58 10-8 | | 54″,1 G |
| 67 10-21 | 2,66 M | 55,1 M |
| 10-22 | 3,01 M | 53,0 M |
| III. | 23h 42m | 103°59′ |
| 78 9-18 | 49s,13 M | 55″,2 M |

### 34284 P. — 46660 L.

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $23^h42^m$ | $118°37'$ |
| 61 10-24 | $3^s,91$ G | $50'',0$ G |
| | III. | |
| | $23^h42^m$ | $118°32'$ |
| 81 9-27 | $50^s,70$ M | $48'',8$ M |
| 10- 4 | 50,37 M | 50,3 M |

### 34285 P. — 46669 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $23^h42^m$ | $42°15'$ |
| 80 11- 3 | $59^s,14$ G | $7'',2$ G |
| 11-22 | 58,95 G | 8,1 G |

### 34286 P. — 901 $W_2$.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II | |
| | $23^h42^m$ | $66°54'$ |
| 58 10-17 | $16^s,87$ G | |
| 11- 7 | 17,07 G | |

### 34287 P. — 46667 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $23^h41^m$ | $89°47'$ |
| 38 10-30 | $31^s,43$ G | |
| 39 8-24 | | $3'',3$ F |
| 9-10 | | 2,9 F |
| 9-11 | | 4,5 F |
| 40 11- 4 | 31,45 G | |
| 41 10-11 | 31,41 G | |
| 10-20 | | 2,2 F |
| 10-21 | 31,54 G | |
| 42 10- 6 | 31,36 G | 3,3 F |
| 46 10- 3 | 31,55 G | |
| 49 9-25 | 31,36 G | |
| 9-26 | 31,46 G | |
| 53 11- 3 | 31,18 G | |
| 11- 4 | 31,40 G | |
| | II. | |
| | $23^h42^m$ | $89°42'$ |
| 56 10- 8 | | $3'',1$ G |
| 10-27 | $17^s,33$ G | |
| 58 8-26 | 17,38 G | 2,4 G |
| 9- 9 | | 1,7 F |
| 9-26 | 17,28 G | 2,7 G |
| 10-19 | 17,01 G | 3,1 G |
| 10-20 | 17,36 G | 3,0 G |
| 66 11-17 | 17,50 M | 5,2 M |
| | III. | |
| | $23^h43^m$ | $89°37'$ |
| 73 9-20 | $3^s,28$ M | $2'',4$ M |
| 9-23 | 3,30 G | |
| 9-25 | 3,53 G | |
| 10- 9 | 3,35 G | 4,4 G |
| 10-13 | 3,42 G | 3,5 G |
| 77 9-22 | 3,29 M | 3,8 M |
| 79 10-30 | 3,55 G | 2,3 G |
| 11- 3[1] | 3,38 G | 5,4 G |
| 12-20 | 3,45 J | 4,1 J |
| 80 9-28 | 3,49 M | 3,8 M |
| 9-30 | 3,51 M | 2,9 M |
| 10-10[2] | 3,41 M | 4,1 M |
| 10-18 | 3,55 M | 4,7 M |

### 34287 P. (suite).

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $23^h43^m$ | $89°37'$ |
| 80 10-25 | $3^s,48$ M | $3'',9$ M |
| 81 10-15 | 3,25 M | 4,7 M |

[1] 𝒜 dim. de $0^s,01$ et 𝒟 de $2'',4$ : erreurs de réduct.

[2] 𝒜 augmentée de $1^s,50$ : erreur de $3^s$ sur trois fils.

### 34288 P. — 46665-66 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $23^h41^m$ | $106°43'$ |
| 41 10-20 | $31^s,09$ G | |
| | II. | |
| | $23^h42^m$ | $106°38'$ |
| 58 8-20 | $17^s,49$ G | $17'',1$ G |
| 9- 9 | 17,42 G | 16,6 G |
| 10- 6 | 17,53 G | 16,5 G |
| 11-12 | 17,50 G | |

### 34289 P. — 46668 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $23^h42^m$ | $96°19'$ |
| 55 9-26 | $21^s,09$ G | $54'',0$ G |
| | III. | |
| | $23^h43^m$ | $96°14'$ |
| 76 11- 7 | $7^s,38$ M | $52'',0$ M |
| 11-10[1] | 7,27 M | 49,3 M |

[1] 𝒟 augm. de 10' : err. de transcr.

### 34290 P. — 46677 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $23^h41^m$ | $35°12'$ |
| 40 10-10 | $50^s,94$ G | |
| 10-13 | 50,88 G | |

### 34291 P. — 46674 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $23^h41^m$ | $62°1'$ |
| 40 11-27 | | $12'',8$ F |
| | II. | |
| | $23^h42^m$ | $61°56'$ |
| 57 10-26 | | $12'',3$ G |
| 58 1- 7 | $34^s,44$ G | 11,3 G |
| 62 10- 8 | 34,54 G | |
| 10- 9 | 34,64 G | |
| 10-14 | 34,62 G | |
| 10-16 | 34,71 G | 11,7 G |
| 63 9-18 | 34,62 G | |
| 9-27 | 34,54 G | |
| 10-16 | 34,59 G | |
| 64 9-26 | 34,50 G | |
| 9-30 | 34,62 G | |
| 10- 1 | 34,51 G | |
| 11- 8 | 34,68 G | |
| | III. | |
| | $23^h43^m$ | $61°51'$ |
| 71 10-14 | $19^s,74$ G | $11'',2$ G |
| 10-23 | 20,01 G | 12,3 G |

### 34292 P. — 46672 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $23^h42^m$ | $93°20'$ |
| 57 11-11 | $34^s,05$ G | $25'',6$ G |
| 11-17 | 33,72 G | 24,1 G |
| 59 10- 5 | | 26,6 G |
| | III. | |
| | $23^h43^m$ | $93°15'$ |
| 78 10- 8[1] | $20^s,18$ J | $26'',3$ J |
| 10-15 | 20,04 J | 26,7 J |

[1] 𝒜 diminuée de $1^m$.

### 34293 P. — 46671 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $23^h42^m$ | $116°6'$ |
| 58 10-29 | $34^s,17$ G | $31'',3$ G |
| | III. | |
| | $23^h43^m$ | $116°1'$ |
| 79 11- 2 | $20^s,77$ J | $31'',8$ J |

### 34294 P. — 46676 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $23^h42^m$ | $54°21'$ |
| 58 11-19 | $38^s,98$ G | $4'',0$ G |
| 66 9-26 | 38,84 G | |
| 10-16[1] | 38,84 G | 5,0 G |
| | III. | |
| | $23^h43^m$ | $54°16'$ |
| 73 10-17 | $24^s,00$ G | $3'',6$ G |
| 78 10-23 | 23,91 M | 4,4 M |

[1] 𝒜 augmentée de $5^s$ : erreur de moy.

### 34295 P. — 46678 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $23^h42^m$ | $63°5'$ |
| 58 9-10 | $45^s,38$ G | |
| 61 10-26[1] | 45,25 G | $49'',8$ G |
| 62 9-20 | 45,32 G | 49,3 G |
| 9-22 | 45,31 G | 50,7 G |
| 9-28 | 45,36 G | 49,6 G |

[1] 𝒜 augmentée de $0^s,82$ : err. de réduct.

### 34296 P. — 46681 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $23^h43^m$ | $58°39'$ |
| 69 10-12 | $35^s,94$ M | $39'',5$ M |
| 80 10-11 | 36,03 M | 40,4 M |
| 10-30 | 36,22 M | 40,5 M |
| 11- 8 | 36,00 M | 39,7 M |

### 34297 P. — 46682 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $23^h42^m$ | $60°43'$ |
| 58 11- 1 | $53^s,21$ G | $1'',4$ G |

### 34297 P. (suite).

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | $23^h43^m$ | $60°38'$ |
| 71 11-19 | $38^s,39$ G | |
| 74 10-13 | 38,41 M | $0'',8$ M |
| 79 10- 4 | 38,37 M | 1,5 M |

### 34298 P. — 46680 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $23^h42^m$ | $101°52'$ |
| 57 11-27 | $54^s,47$ G | $48'',3$ G |
| | III. | |
| | $23^h43^m$ | $101°47'$ |
| 78 10-23 | $40^s,72$ J | $50'',3$ J |
| 11- 9 | 40,61 J | 48,9 J |

### 34299 P. — 4699 A + 26°.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $23^h42^m$ | $63°5'$ |
| 58 9-10 | $55^s,47$ G | |

### 34300 P. — 46684 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | $23^h42^m$ | $100°50'$ |
| 39 9-19 | $14^s,58$ G | |
| 9-21 | 14,60 G | |
| 49 10-10 | 14,72 G | |
| | II. | |
| | $23^h43^m$ | $100°45'$ |
| 56 11-14 | $1^s,19$ G | |
| 60 10- 3 | 1,02 G | |
| 11- 2[1] | 1,28 G | $20'',2$ G |
| 11-10 | 0,94 G | 20,2 G |
| 61 9-28 | | 20,7 G |
| 62 12-10 | 1,14 G | 19,9 G |

[1] 𝒜 diminuée de $0^s,23$ : erreur de réd.

### 34301 P. — 46687 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $23^h43^m$ | $55°0'$ |
| 66 10- 8 | $3^s,71$ G | $20'',0$ G |
| 67 11-28 | | 20,9 G |
| | III. | |
| | $23^h43^m$ | $54°55'$ |
| 80 11-10 | $48^s,60$ J | $20'',7$ J |
| 81 9-27 | 48,51 J | 21,4 J |
| 11-12 | | 21,6 J |

### 34302 P. — 46686 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | $23^h43^m$ | $66°58'$ |
| 58 10-17 | $4^s,29$ G | $52'',9$ G |
| 11- 7[1] | 3,91 G | 59,6 G |

[1] 𝒟 non comprise dans la moyenne.

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (Æ. — P.)

**34303 P. — 6469 Sf. — 13°.**

| A. M. J. | Æ. | P. |
|---|---|---|
| I. | 23h42m | 103°9' |
| 48 10-27 | 18s,01 G | |

**34304 P. — 46685 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 23h43m | 84°14' |
| 55 11-11 | 5s,21 G | 15",2 G |
| III. | 23h43m | 84°9' |
| 72 11- 8 | 51s,04 G | 16",9 G |
| 74 10-28 | 50,99 G | 15,5 G |

**34305 P. — 46688 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 23h43m | 65°55' |
| 59 9-16 | 5s,76 G | |
| 61 10- 3 | 5,84 G | 12",8 G |
| 11-21 | 5,84 G | 12,9 G |
| 11-23 | 5,92 G | 13,1 G |

**34306 P. — 46689 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| I. | 23h42m | 73°12' |
| 43 10- 5 | 22s,50 G | 55",5 G |
| II. | 23h43m | 73°7' |
| 56 8- 7 | 7s,57 G | |
| 57 10-20 | 7,89 G | 55",0 G |
| 11-12 | | 52,2 G |
| 58 8- 6 | 7,49 G | |

**34307 P. — 46691 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| III. | 23h43m | 58°31' |
| 80 10-10 | 57s,82 J | 59",8 J |
| 10-11 | 57,88 J | 59,2 J |

**34308 P. — 46690 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| I. | 23h42m | 105°50' |
| 39 10- 8 | 27s,27 G | |
| II. | 23h43m | 105°45' |
| 58 11-30 | 14s,30 G | 41",2 G |
| III. | 23h44m | 105°40' |
| 78 10-20 | 0s,68 M | 41",1 M |

**34309 P. — 14310 Cambridge.**

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 23h43m | 64°26' |
| 58 10- 4 | 16s,11 G | 41",3 G |

**34310 P. — 46692 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 23h43m | 103°53' |
| 54 9-21 | 17s,70 G | 17",6 G |
| III. | 23h44m | 103°48' |
| 79 10-27 | 4s,36 J | 19",9 J |
| 10-30 | 4,25 J | 19,5 J |

**34311 P. — 46693 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| I. | 23h42m | 111°5' |
| 49 10-17 | 32s,97 G | |
| 10-18 | 32,87 G | |
| 10-19 | 33,02 G | |
| II. | 23h43m | 111°0' |
| 54 10-28 | | 39",5 G |
| 10-29 | | 38,6 G |
| 55 12-30 | | 39,7 G |
| III. | 23h44m | 110°55' |
| 79 11- 9 | 6s,24 J | 40",6 J |

**34312 P. — 46695-96 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 23h43m | 81°16' |
| 56 10-19 | | 2",5 G |
| 10-21 | 22s,32 G | 2,7 G |
| 10-29 | 22,40 G | |
| 10-30 | 22,20 G | 2,8 G |
| 11- 5 | 22,32 G | 3,7 G |

**34313 P. — 46700-01 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| I. | 23h42m | 39°14' |
| 40 2-11 | 39s,26 G | 21",1 G |
| III. | 23h44m | 39°4' |
| 81 10-22 | 7s,84 G | 19",6 G |
| 11-12 | 8,30 G | 21,8 G |

**34314 P. — 46698 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| I. | 23h42m | 73°15' |
| 43 10- 5 | 37s,63 G | 0",8 G |
| 10-19 | | 0,6 G |

**34314 P. (suite).**

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 23h43m | 73°10' |
| 56 8- 7 [1] | 23s,28 G | |
| 57 10-20 | 23,21 G | |
| 58 8- 6 [2] | 23,43 G | |
| 9-12 | | 0",9 G |
| III. | 23h44m | 73°5' |
| 79 10-20 | 8s,94 G | 0",1 G |

[1] Æ augmentée de 1s,20 : erreur de moy.

[2] Æ diminuée de 2s,20 : erreur de moy. et erreur de 2s sur les trois derniers fils.

**34315 P. — 46699 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 23h43m | 84°45' |
| 57 9-29 | 27s,61 G | |
| 11-30 | 27,48 G | |
| 58 11- 4 | | 25",4 G |

**34316 P. — 46703-04 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 23h43m | 47°21' |
| 66 12- 8 | 30s,59 M | 33",7 M |
| 67 11- 7 | 30,69 M | 31,5 M |
| 11- 8 | 30,76 M | 31,4 M |
| 12- 4 | 30,54 M | 30,8 M |

**34317 P. — 5717 Sf. — 3°.**

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 23h43m | 93°25' |
| 59 11-19 [1] | 31s,66 G | |
| 11-21 | 31,79 G | |

[1] Æ augmentée de 1s : erreur de moy.

**34318 P. — 46702 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 23h43m | 109°4' |
| 54 8-25 | 32s,90 G | |
| 8-27 | | 9",5 G |
| 67 10-26 | 32,90 M | 11,7 M |

**34319 P. — 46706 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 23h43m | 65°28' |
| 57 12-24 | 36s,49 G | 38",8 G |
| 58 10- 2 | 36,65 G | 36,3 G |

**34320 P. — 46705 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 23h43m | 97°2' |
| 56 11- 3 | | 41",6 G |
| 57 8-13 | 38s,31 G | |
| 8-25 | 38,22 G | |
| 10-16 | 38,25 G | 41,1 G |

**34321 P. — 46707 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| III. | 23h44m | 36°29' |
| 81 9-27 | 26s,21 G | 42",4 G |
| 10- 1 | 26,06 G | 43,3 G |
| 10-30 | 26,25 G | 42,4 G |

**34322 P. — 5115 A + 35°.**

| A. M. J. | Æ. | P. |
|---|---|---|
| III. | 23h44m | 54°42' |
| 81 11- 9 | 32s,81 J | 35",6 J |

**34323 P. — 46708-09 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| II. | 23h43m | 59°9' |
| 67 10-30 | | 39",5 G |
| III. | 23h44m | 59°4' |
| 74 10-24 | 34s,29 M | 37",9 M |
| 79 10-11 | 34,49 G | 36,2 G |

**34324 P. — 46711 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| I. | 23h43m | 88°37' |
| 39 11- 9 | 10s,85 G | |
| 41 9-10 | 10,87 G | |
| 9-11 | 10,94 G | |
| 10-12 | 10,93 G | |
| II. | 23h43m | 88°32' |
| 54 1- 8 | 56s,87 G | |
| 56 8-31 | 56,70 G | |
| 10-28 | | 27",5 G |
| 57 9- 9 | 56,77 G | 24,6 G |
| III. | 23h44m | 88°27' |
| 73 11- 3 | 42s,72 M | |

**34325 P. — 46712-13 L.**

| A. M. J. | Æ. | P. |
|---|---|---|
| I. | 23h43m | 93°22' |
| 48 10- 3 | 12s,84 G | |
| II. | 23h43m | 93°17' |
| 55 8-16 | | 48",7 G |
| 9-19 | 58s,85 G | |
| 57 9-15 | | 49,5 G |
| 10-13 | 58,83 G | 50,0 G |
| 11-17 | 58,89 G | 50,3 G |
| 59 11-19 | 58,94 G | |
| 11-21 | 59,23 G | |
| III. | 23h44m | 93°12' |
| 76 10-12 | 45s,09 G | 52",9 G |
| 10-18 | 44,91 G | 51,0 G |
| 11- 7 | 45,02 G | 52,0 G |
| 11-10 | 45,03 G | 52,1 G |
| 79 11-19 | 44,96 J | 50,9 J |

### 34326 P. — 46717 L.

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. Æ. | D. |
|---|---|---|
| III. | 23h44m | 38°28' |
| 81 11-17 | 45s,09 G | 12",9 G |

### 34327 P. — 46715-16 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| III. | 23h44m | 58°54' |
| 80 11- 8 | 48s,69 J | 17",4 J |
| 81 9-26 | 48,26 J | 16,6 J |

### 34328 P. — 46718 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| II. | 23h44m | 46°10' |
| 58 11-11 | 7s,02 G | |
| III. | 23h44m | 46°5' |
| 79 10- 7 | 51s,60 M | 50",9 M |
| 10-11 | 51,69 M | 51,7 M |

### 34329 P. — 46714 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| I. | 23h43m | 109°46' |
| 39 9-15 | 20s,67 G | |
| 41 8-18 | 20,70 G | |
| 8-20 | 20,70 G | |
| 48 10- 5 | 20,62 G | |
| 10- 6 | 20,62 G | |
| II. | 23h44m | 109°41' |
| 55 9-24 | | 15",1 G |
| 60 10-27 | 7s,34 G | 15,9 G |
| 61 10-16 | 7,26 G | 15,8 G |
| III. | 23h44m | 109°36' |
| 79 10-20 | 53s,92 J | 14",9 J |

### 34330 P. — 46722 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| II. | 23h44m | 46°13' |
| 58 11-11 | | 44",5 G |
| III. | 23h44m | 46°8' |
| 79 11- 9 | 54s,56 G | 45",7 G |
| 11-21 | 54,61 G | 46,5 G |

### 34331 P. — 46721 et 27 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| II. | 23h44m | 54°46' |
| 66 9-17 | 10s,02 G | |
| III. | 23h44m | 54°41' |
| 73 11-13 | 55s,16 G | 37",9 G |
| 81 10- 3 | 55,28 J | 39,2 J |
| 10-18 | 55,03 J | 39,7 J |

### 34332 P. — 46728 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| III. | 23h44m | 38°36' |
| 80 10-24 | 55s,47 G | 9",8 G |
| 81 11-11 | 55,71 G | 9,6 G |

### 34333 P. — 46719-20 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| I. | 23h43m | 81°32' |
| 38 8-15 | 26s,80 G | |
| 39 8-24 | | 44",7 F |
| 40 10-31 | | 43,2 F |
| 41 10-20 | | 45,1 F |
| 10-21 | 26,79 G | |
| 46 8-26 | 26,69 G | |
| 51 10-17 | 26,89 G | |
| II. | 23h44m | 81°27' |
| 56 8- 9 | 12s,59 G | |
| 9- 4 | 12,40 G | |
| 9- 5 | 12,54 G | |
| 9-27 | 12,53 G | |
| 10-25 | | 44",0 G |
| III. | 23h44m | 81°22' |
| 72 10-25 | 58s,50 G | 47",0 G |
| 74 10-31 | 58,52 G | 46,1 G |

### 34334 P. — 46725 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| II. | 23h44m | 50°34' |
| 66 10-17 [1] | 14s,23 G | 36",7 G |
| III. | 23h44m | 50°29' |
| 73 10-16 | 59s,36 G | 36",9 G |
| 79 10- 4 | 59,55 G | 38,0 G |
| 80 10- 1 | 59,67 M | 36,0 M |

[1] D augmentée de 2' : erreur de transcr.

### 34335 P. — 46723 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| II. | 23h44m | 77°0' |
| 58 9-19 | 15s,59 G | . . |
| 9-27 | | 44",6 G |
| 10-11 | 15,43 G | 42,8 G |

### 34336 P. — 46731-32 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| III. | 23h45m | 47°11' |
| 80 9- 1 | 1s,73 G | |
| 11- 9 | 1,60 G | 46",8 G |
| 81 9-26 | 2,09 G | 46,3 G |
| 10-17 | 1,69 G | 48,0 G |

### 34337 P. — 46729 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| III. | 23h45m | 54°57' |
| 68 10-13 | 2s,31 G | 59",9 G |
| 74 10-10 | 2,50 M | 61,2 M |
| 10-16 | 2,46 M | 60,7 M |

### 34338 P. — 46726 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| II. | 23h44m | 83°15' |
| 58 11-10 | | 33",4 G |
| III. | 23h45m | 83°10' |
| 72 10-23 | 3s,27 M | 34",4 M |
| 74 10-12 | 2,85 G | 31,1 G |

### 34339 P. — 14318 Cambridge.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| II. | 23h44m | 63°24' |
| 58 9-15 | 18s,33 G | |

### 34340 P. — 46724 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| I. | 23h43m | 94°15' |
| 47 10-15 | 31s,95 G | |
| 11-12 | 31,90 G | 58",5 G |
| II. | 23h44m | 94°10' |
| 55 12-19 | | 57",1 G |
| 56 9-25 | 17s,87 G | 57,6 G |
| 57 10-12 | 17,95 G | |
| III. | 23h45m | 94°5' |
| 78 9-14 | 4s,24 M | 57",2 M |
| 11- 5 | 4,13 J | 57,4 J |

### 34341 P. — 9463 Leipzig I.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| II. | 23h44m | 77°1' |
| 58 9-19 | 21s,89 G | |

### 34342 P. — 9873 Sj.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| II. | 23h44m | 94°17' |
| 57 10-12 | 21s,41 G | 11",6 G |

### 34343 P. — 46734 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| II. | 23h44m | 63°26' |
| 58 9- 8 | | 28",2 G |
| 9-15 | 22s,48 G | |
| 10-22 | | 31,2 G |

### 34343 P. (suite).

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| III. | 23h45m | 63°21' |
| 71 11-13 | 7s,93 G | |
| 11-17 | 7,96 G | |

### 34344 P. — 46730 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| II. | 23h44m | 94°15' |
| 56 11- 6 | | 36",3 G |
| III. | 23h45m | 94°10' |
| 80 9-27 | 8s,22 M | 37",0 M |

### 34345 P. — 46733 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| II. | 23h44m | 104°45' |
| 58 10-30 | 25s,18 G | 49",3 G |
| 11- 2 | 25,19 G | |
| III. | 23h45m | 104°40' |
| 78 10-22 | 11s,73 M | 48",3 M |

### 34346 P. — 46736 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| III. | 23h45m | 54°28' |
| 73 10-28 | 13s,23 G | 49",2 G |
| 81 10-15 | 12,97 J | 50,7 J |
| 10-29 | 13,08 J | 52,8 J |
| 10-30 | 13,21 J | 51,8 J |

### 34347 P. — 46735 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| II. | 23h44m | 93°19' |
| 55 10-15 | 29s,13 G | |
| 57 9-18 | | 7",2 G |
| 59 10-22 | 29,14 G | |

### 34348 P. — 46737 L.

| Dates 1800 + A. M. J. | Æ. | D. |
|---|---|---|
| I. | 23h43m | 86°9' |
| 42 9-19 | 45s,27 G | |
| 44 9- 1 | 45,10 G | |
| II. | 23h44m | 86°4' |
| 56 9-23 | | 54",5 G |
| 60 9-15 | 30s,75 G | 54,4 G |
| 10- 4 | 30,77 G | 54,2 G |
| 11- 3 | 31,02 G | 54,0 G |
| 11-26 | 31,05 G | 54,0 G |
| 62 9- 3 | 30,96 G | 54,3 G |
| 9-15 | 30,87 G | 54,2 G |

Dates 1800+ — Positions moyennes pour les époques du Catal.

**34349 P. — 46738 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h44m | 96°27′ |
| 58 9- 9¹ | | 25″,3 F |
| 9-11 | | 24,7 F |
| III. | 23h45m | 96°22′ |
| 71 10-23 | 20s,19 M | 26″,8 M |
| 10-28 | 20,04 M | 27,9 M |
| 11-20 | 19,97 G | |
| 75 11- 2 | 20,02 M | 25,6 M |

¹ 𝒫 augmentée de 30″ : erreur de réduct.

**34350 P. — 46739 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h44m | 97°23′ |
| 58 9-26 | 34s,62 G | 27″,3 G |
| III. | 23h45m | 97°18′ |
| 80 9-30 | 20s,96 M | 27″,5 M |
| 10- 9 | 20,82 M | 28,8 M |
| 81 9-27 | 20,93 M | 27,5 M |
| 10- 3 | 20,90 M | 28,9 M |
| 10- 4 | 20,87 M | 27,1 M |
| 10- 5 | 20,74 M | 28,3 M |
| 10-18 | 20,92 M | 28,6 M |
| 11-12 | 20,94 M | 29,6 M |

**34351 P. — 23088 A. O.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h45m | 114°46′ |
| 74 10-16 | 21s,40 G | |

**34352 P. — 46740 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h44m | 97°23′ |
| 58 9-26 | 39s,16 G | 27″,3 G |

**34353 P. — 46741 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h44m | 109°26′ |
| 54 11- 9 | 41s,30 G | |
| 58 10- 8 | | 22″,2 G |
| 10-21 | 41,21 G | 24,7 G |
| 60 10-25 | | 23,3 G |
| 61 10-15¹ | 41,31 G | 23,4 G |

¹ 𝒜 diminuée de 0s,40 : erreur de 1s sur 2 fils.

**34354 P. — 46742 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 23h43m | 86°7′ |
| 42 9-19 | 58s,02 G | |

**34354 P. (suite).**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h44m | 86°1′ |
| 55 9-17 | | 60″,9 G |
| 60 9-15 | 43s,87 G | 60,1 G |
| 10- 4 | | 59,5 G |
| 11-26 | 43,99 G | 59,9 G |
| 62 9- 3 | | 60,1 G |

**34355 P. — 46743 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h45m | 83°14′ |
| 74 11- 2 | 30s,79 G | 21″,8 G |
| 11- 3 | 30,78 G | 23,1 G |
| 11- 4 | 30,80 G | 18,8 G |
| 11- 6 | 30,76 G | 22,2 G |

**34356 P. — 46744 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 23h44m | 87°55′ |
| 39 11- 8 | 1s,94 G | |
| 41 9-10 | | 50″,6 F |
| 49 9-25 | 1,92 G | |
| 9-26 | 1,97 G | |
| 11-23 | 1,88 G | |
| 50 10- 1 | 1,85 G | |
| 53 11- 3 | 1,88 G | |
| 11- 4 | 1,92 G | |
| II. | 23h44m | 87°50′ |
| 55 10-19 | 47s,97 G | |
| 56 8- 5 | 47,88 G | |
| 10- 5 | | 50″,8 G |
| III. | 23h45m | 87°45′ |
| 78 10- 8 | 34s,07 M | 51″,6 M |
| 79 9- 2 | 33,74 G | 50,1 G |
| 9-28 | 33,78 G | 52,0 G |
| 80 10- 4 | 33,83 M | 52,0 M |
| 10-24 | 33,78 M | 51,2 M |
| 81 11-20 | 34,05 M | 52,5 M |

**34357 P. — 46746 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h44m | 52°53′ |
| 67 11- 6 | | 4″,1 G |
| III. | 23h45m | 52°48′ |
| 80 10-24 | 35s,21 J | 6″,2 J |
| 10-25 | 35,13 J | 4,6 J |

**34358 P. — 6564 Sf. — 14°.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 23h44m | 104°43′ |
| 48 10-25 | 4s,93 G | |

**34359 P. — 46745 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h44m | 50°2′ |
| 67 11-13 | | 0″,5 G |
| III. | 23h45m | 49°56′ |
| 80 11-15 | | 58″,8 G |
| 81 10-15 | 38s,56 G | 59,4 G |

**34360 P. — 46747 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h44m | 77°54′ |
| 58 11- 3 | 53s,29 G | |
| 61 10-19 | | 16″,1 G |
| III. | 23h45m | 77°49′ |
| 79 9-10 | 39s,33 M | 21″,6 M |
| 10-30 | 39,13 M | 22,3 M |

**34361 P. — 46751 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h45m | 52°50′ |
| 81 11- 4 | 49s,24 J | 42″,6 J |
| 11-17 | 49,29 J | 41,5 J |

**34362 P. — 46756 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h45m | 37°31′ |
| 81 10- 3 | 49s,34 G | 18″,0 G |

**34363 P. — 46750 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h45m | 54°20′ |
| 80 10-30 | 49s,53 J | 20″,7 J |
| 81 10- 5 | 49,51 J | 20,1 J |
| 10-22 | 49,25 J | 20,3 J |
| 10-31¹ | 50,38 J | 21,1 J |

¹ 𝒜 non comprise dans la moyenne : erreur probable de 1s, commise également sur l'étoile qui précède dans la même série.

**34364 P. — 46752-53 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h45m | 47°16′ |
| 67 11- 6 | 6s,79 M | 13″,0 M |
| 11-29 | 6,70 M | 10,7 M |

**34365 P. — 46757 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h45m | 40°34′ |
| 79 11-19 | 52s,06 G | 52″,0 G |

**34366 P. — 46748 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h45m | 108°48′ |
| 58 8-20 | 5s,63 G | 13″,6 G |
| 9- 9 | 5,84 G | 13,0 G |
| 12- 1 | 5,71 G | 14,7 G |

**34367 P. — 46749 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h45m | 89°16′ |
| 55 11-26 | 6s,49 G | |
| 57 11-15 | | 47″,9 G |
| III. | 23h45m | 89°11′ |
| 72 11- 8¹ | 52s,57 G | |

¹ 𝒜 augmentée de 0s,50 : err. de moy.

**34368 P. — 46754 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h45m | 62°12′ |
| 58 8- 8 | | 4″,8 G |
| 10-15¹ | 8s,64 G | 5,9 G |
| 10-19 | 8,58 G | |
| III. | 23h45m | 62°7′ |
| 80 10- 1 | 54s,23 J | 6″,9 J |

¹ 𝒫 augm. de 2″,5 : err. de 5″ sur l'un des deux microscopes lus.

**34369 P. — 46755 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h45m | 56°40′ |
| 81 10- 4 | 54s,30 J | 4″,2 J |
| 11-11 | 54,56 J | 4,0 J |

**34370 P. — 46758-59 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h45m | 47°16′ |
| 81 10-25 | 54s,93 G | 0″,2 G |
| 10-31 | 55,22 G | 0,5 G |

**34371 P. — 46776 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 23h44m | 13°15′ |
| 52 12-28 | 36s,65 G | |
| 53 2-25 I | 36,06 G | |
| 4-17 I | 35,94 G | |
| 4-27 I | 35,88 G | |
| 4-29 I | 36,50 G | |
| 5- 1 I | 35,89 G | |
| 9-12 | 36,16 G | |
| 9-18 | 36,38 G | |
| 9-20 | 36,43 G | |
| 10- 8 | 36,16 G | |

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|

### 34372 P. — 909 W$_1$.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h45m | 84°51' |
| 57 11-30 | | 54",9G |

### 34373 P. — 46762-63 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 23h44m | 69°11' |
| 40 11-27[1] | | 26",7F |
| 43 8-30 | 31s,90G | 25,7G |
| 8-31 | 31,76G | |
| 9-1 | 31,68G | 25,9G |
| 9-2 | 31,61G | 26,9G |
| II. | 23h45m | 69°6' |
| 57 10-24 | | 25",8G |
| 58 1-7 | 17s,03G | |
| 10-16 | 17,29G | 27,3G |
| 11-1 | 17,14G | 25,0G |
| 63 9-18 | 17,23G | |
| 9-19 | 17,15G | |
| 9-27 | 17,13G | |
| 10-16 | 17,15G | |
| 10-23 | 17,14G | |
| 10-25 | 17,19G | |
| 11-19 | 17,14G | |
| 11-20 | 17,16G | |
| 64 9-17 | 17,07G | |
| 9-21 | 17,11G | |
| 9-22 | 17,21G | |
| 9-26 | 17,19G | |
| 9-29 | 17,20G | |
| 9-30 | 17,19G | |
| 10-1 | 17,09G | |
| 11-3 | 17,22G | |
| 11-4 | 17,15G | |
| 11-8 | 17,18G | |
| 65 10-23 | 17,22G | |
| 10-30 | 17,13G | |
| 11-1 | 17,21G | |
| 11-12 | 17,17G | |
| III. | 23h46m | 69°1' |
| 71 10-12 | 2s,68G | |
| 11-7 | 2,84G | 25",4G |
| 12-2 | 2,84G | |

[1] 𝒫 augmentée de 5'.

### 34374 P. — 46760-61 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 23h44m | 105°6' |
| 41 10-11 | 32s,11G | 48",5F |
| 50 12-14 | 32,02G | |
| 52 11-3 | 31,94G | 46,9F |
| III. | 23h46m | 104°56' |
| 78 10-23 | 4s,63J | 46",6J |
| 11-9 | 4,50J | 48,5J |
| 79 12-20 | 4,67J | 47,9J |

### 34375 P. — 46765 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h46m | 61°59' |
| 80 10-9 | 5s,60J | 36",5J |

### 34376 P. — 46764 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h45m | 77°54' |
| 57 9-20 | 20s,65G | |
| 58 10-5 | | 15",4G |
| 59 11-12 | 20,77G | 16,8G |
| 61 10-19 | 20,57G | |

### 34377 P. — 46766 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 23h44m | 71°44' |
| 43 7-31 | 36s,53G | |
| 8-8 | 36,57G | |
| 8-11 | | 24",3F |
| 8-12 | 36,62G | 23,3F |
| 9-29 | | 25,1F |
| 10-5 | 36,66G | |
| 50 9-25 | | 23,3G |
| II. | 23h45m | 71°39' |
| 56 8-30 | 22s,16G | 24",7G |
| 57 10-5 | 22,01G | |
| 58 9-8 | | 26,1F |
| 10-1 | 22,11G | 24,5G |
| 63 9-27 | | 24,9G |
| 64 1-2 | | 25,1G |
| 1-6 | | 24,7G |
| 1-7 | | 24,8G |
| 10-20 | | 24,9G |
| 10-21 | | 24,5G |
| III. | 23h46m | 71°34' |
| 73 9-20 | 7s,74M | 25",6M |
| 9-26 | 7,74M | 24,6M |
| 10-9 | 7,74G | 24,9G |
| 10-13 | 7,87G | 24,7G |

### 34378 P. — 46768 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h45m | 93°8' |
| 56 10-4 | | 46",3G |
| 59 10-2 | 24s,06G | |
| III. | 23h46m | 93°3' |
| 78 10-8 | 10s,28J | 47",2J |
| 10-15 | 10,20J | 46,7J |

### 34379 P. — 46769 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h45m | 109°20' |
| 56 11-14 | | 26",3G |
| 60 10-25 | | 27,2G |
| 61 10-15 | 26s,23G | |
| 67 10-22 | 26,23M | 25,9M |

### 34380 P. — 46767 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h45m | 115°45' |
| 55 9-7 | | 51",3G |
| 58 10-31 | 26s,46G | 53,6G |

### 34380 P. (suite).

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h46m | 115°40' |
| 79 9-25 | 13s,16J | 52",2J |

### 34381 P. — 46773 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h45m | 61°49' |
| 59 11-20 | 28s,14G | |
| 60 10-29 | 28,28G | 33",5G |

### 34382 P. — 46772 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 23h44m | 79°54' |
| 46 8-26 | 43s,05G | |
| 49 10-1 | | 52",9G |
| II. | 23h45m | 79°49' |
| 55 10-16 | 28s,75G | |
| 58 9-13 | 28,69G | 53",5G |

### 34383 P. — 46771 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h45m | 107°9' |
| 61 10-24 | 28s,88G | 9",7G |
| III. | 23h46m | 107°4' |
| 78 10-23 | 15s,27M | 9",7M |

### 34384 P. — 46782 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h45m | 55°26' |
| 59 11-18 | | 25",3G |
| 61 11-2 | 30s,29G | |
| 62 9-11 | 30,43G | |
| 9-18 | 30,57G | |
| III. | 23h46m | 55°21' |
| 74 10-26 | 15s,70M | 25",0M |
| 10-28 | 15,62M | 26,5M |

### 34385 P. — 46779-80 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 23h44m | 69°7' |
| 43 8-30 | 48s,12G | |
| 52 11-4 | 47,96G | |
| II. | 23h45m | 69°2' |
| 58 1-7 | | 7",9G |
| 10-14 | | 6,4G |
| 10-16 | 33s,85G | |
| 11-1 | 33,52G | |
| 59 11-14 | | 7,4G |

### 34386 P. — 46775 et 77 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h45m | 82°3' |
| 57 10-2 | 33s,00G | 29",2G |
| III. | 23h46m | 81°58' |
| 79 9-8 | 19s,23M | 29",6M |

### 34387 P. — 46774 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h45m | 99°40' |
| 58 11-30 | 33s,38G | 24",2G |
| 61 10-18 | 33,26G | 24,3G |
| III. | 23h46m | 99°35' |
| 75 11-22 | 19s,50M | 25",0M |
| 76 11-7 | 19,32M | 23,1M |

### 34388 P. — 46787 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 23h44m | 15°19' |
| 51 12-29I | | 11",2G |
| 12-29I | | 8,1F |
| 12-30 | | 8,5G |
| 12-30 | | 10,0F |
| 12-30I | | 8,5G |
| 12-30I | | 9,8F |
| 12-31 | | 9,2G |
| 12-31 | | 9,8F |
| 52 12-20 | | 11,1F |
| 12-20I | | 9,3F |
| 12-28 | | 10,1F |

### 34389 P. — 46781 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h45m | 99°46' |
| 57 11-27 | 38s,28G | 27",9G |
| 58 11-30 | 38,40G | |
| III. | 23h46m | 99°41' |
| 76 11-10 | 24s,53M | 28",7M |

### 34390 P. — 46786 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h46m | 36°25' |
| 81 10-19 | | 29",4G |
| 10-21 | | 29,6G |

### 34391 P. — 922 W$_1$.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 23h44m | 90°8' |
| 43 10-28 | 54s,42G | |

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|---|---|---|

**34392 P. — 5722 Sf. — 3°.**

| | II. $23^h 45^m$ | $93°22'$ |
|---|---|---|
| 59 11-19[1] | $43^s,45$ G | |
| 11-21[1] | 42,89 G | |

[1] Différences inexpliquées : le Catalogue donne la moyenne.

**34393 P. — 46784-85 L.**

| | I. $23^h 44^m$ | $94°0'$ |
|---|---|---|
| 41 9-20 | $57^s,98$ G | |
| 49 10-17 | 58,06 G | |
| 10-18 | 57,95 G | |
| 10-19 | 58,02 G | |
| | II. $23^h 45^m$ | $93°55'$ |
| 55 12-13 | $44^s,27$ G | |
| 56 10-27 | 43,97 G | |
| 57 9-22 | 44,07 G | $57'',6$ G |
| | III. $23^h 46^m$ | $93°50'$ |
| 78 10-2 | $30^s,42$ J | $57'',9$ J |
| 10-13 | 30,19 M | 57,8 M |
| 10-20 | 30,17 M | 55,9 M |

**34394 P. — 925 W$_1$.**

| | III. $23^h 46^m$ | $88°13'$ |
|---|---|---|
| 79 11-2 | $33^s,74$ J | $52'',2$ J |
| 80 10-10 | 33,61 M | 53,7 M |

**34395 P. — 46791 L.**

| | III. $23^h 46^m$ | $42°12'$ |
|---|---|---|
| 80 10-25 | $34^s,06$ G | $48'',2$ G |
| 11-16[1] | 33,01 G | 49,0 G |

[1] 𝒜 non comprise dans la moyenne : erreur probable de $1^s$.

**34396 P. — 46798 L.**

| | III. $23^h 46^m$ | $36°28'$ |
|---|---|---|
| 81 10-19 | $35^s,53$ G | |
| 10-29 | 35,64 G | $29'',5$ G |

**34397 P. — 46796 L.**

| | II. $23^h 45^m$ | $53°49'$ |
|---|---|---|
| 59 11-19 | | $16'',0$ G |
| 62 9-17 | $53^s,76$ G | 16,3 G |
| 9-20 | 53,67 G | |
| 66 9-26[1] | 53,72 G | 15,0 G |
| 10-16 | 53,67 G | 16,0 G |

**34397 P. (suite).**

| | III. $23^h 46^m$ | $53°44'$ |
|---|---|---|
| 73 10-17 | $38^s,81$ G | $15'',2$ G |
| 79 11-15 | 38,82 G | 15,7 G |

[1] Indiquée à tort comme 46811 L. à l'obs. d 𝒜 (dist. des fils). — 𝒟 diminuée de 1'.

**34398 P. — 46793 et 95 L.**

| | II. $23^h 45^m$ | $58°42'$ |
|---|---|---|
| 66 10-8 | $53^s,91$ G | $43'',2$ G |
| | III. $23^h 46^m$ | $58°37'$ |
| 79 10-3 | $39^s,33$ G | $46'',2$ G |
| 10-30 | 39,31 G | 42,4 G |
| 81 10-21 | | 45,1 J |

**34399 P. — 46788-89 L.**

| | I. $23^h 45^m$ | $88°46'$ |
|---|---|---|
| 41 9-10 | $8^s,49$ G | |
| 9-11 | 8,68 G | |
| 53 10-31 | 8,53 G | |
| | II. $23^h 45^m$ | $88°41'$ |
| 55 11-11 | $54^s,77$ G | |
| 60 10-12 | 54,59 G | |
| | III. $23^h 46^m$ | $88°36'$ |
| 74 10-31 | $40^s,67$ G | $14'',1$ G |
| 75 10-23 | 40,55 M | 15,7 M |
| 77 9-22[1] | 40,59 M | 16,3 M |

[1] 𝒜 augmentée de $1^s$ : erreur de moy.

**34400 P. — 46794 L.**

| | II. $23^h 45^m$ | $60°3'$ |
|---|---|---|
| 58 10-17 | $55^s,42$ G | $33'',2$ G |
| | III. $23^h 46^m$ | $59°58'$ |
| 79 10-6 | $40^s,88$ M | $33'',0$ M |

**34401 P. — 46790 L.**

| | II. $23^h 45^m$ | $97°25'$ |
|---|---|---|
| 57 8-25 | $56^s,05$ G | |
| 58 9-9 | | $41'',7$ F |
| | III. $23^h 46^m$ | $97°20'$ |
| 79 10-3 | $41^s,88$ M | $41'',4$ M |

**34402 P. — 46802 L.**

| | III. $23^h 46^m$ | $49°20'$ |
|---|---|---|
| 80 11-22 | $42^s,15$ G | $58'',1$ G |
| 81 11-9 | 42,22 G | 58,4 G |

**34403 P. — 46792 L.**

| | III. $23^h 46^m$ | $88°21'$ |
|---|---|---|
| 80 9-28 | $42^s,63$ M | $57'',1$ M |
| 10-18 | 42,67 M | 57,6 M |

**34404 P. — 5724 Sf. — 3°.**

| | II. $23^h 45^m$ | $93°21'$ |
|---|---|---|
| 59 11-19 | $57^s,19$ G | |
| 11-21 | 57,27 G | |

**34405 P. — 46799 et 801 L.**

| | II. $23^h 45^m$ | $81°4'$ |
|---|---|---|
| 55 10-21 | | $48'',6$ G |
| 60 10-22 | $58^s,55$ G | 49,5 G |
| 11-10 | 58,44 G | |
| 11-16 | 58,35 G | |

**34406 P. — 26126 A.O.**

| | I. $23^h 45^m$ | $13°10'$ |
|---|---|---|
| 52 12-28 | $22^s,87$ G | |

**34407 P. — 46800 L.**

| | II. $23^h 45^m$ | $84°4'$ |
|---|---|---|
| 56 10-18 | | $45'',2$ G |
| | III. $23^h 46^m$ | $83°59'$ |
| 80 10-11 | $44^s,61$ M | $47'',3$ M |
| 10-25 | 44,69 M | 47,1 M |
| 11-8 | 44,76 M | 46,5 M |

**34408 P. — 46803-04 L.**

| | II. $23^h 45^m$ | $64°46'$ |
|---|---|---|
| 58 9-10 | $60^s,01$ G | |
| 11-7 | | $41'',3$ G |
| 59 12-7 | 59,91 G | 41,9 G |

**34409 P. — 46797 L.**

| | II. $23^h 46^m$ | $101°47'$ |
|---|---|---|
| 58 8-27 | | $20'',8$ G |
| 61 10-26 | $0^s,24$ G | 23,2 G |
| 67 10-26 | 0,39 M | 24,6 M |

**34409 P. (suite).**

| | III. $23^h 46^m$ | $101°42'$ |
|---|---|---|
| 78 9-18 | $46^s,75$ M | $23'',3$ M |

**34410 P. — 221 Piazzi.**

| | I. $23^h 45^m$ | $85°42'$ |
|---|---|---|
| 43 8-8 | $16^s,87$ G | $16'',4$ G |
| 8-11 | 16,56 G | 15,5 F |
| 8-12 | 16,86 G | 16,2 G |

**34411 P. — 5016 A + 29°.**

| | II. $23^h 46^m$ | $60°0'$ |
|---|---|---|
| 58 10-17 | $3^s,76$ G | |

**34412 P. — 46807-08 et 10 L.**

| | II. $23^h 46^m$ | $58°52'$ |
|---|---|---|
| 66 10-15[1] | $6^s,05$ G | $5'',4$ G |
| | III. $23^h 46^m$ | $58°47'$ |
| 80 10-10 | $50^s,97$ J | $5'',7$ J |
| 10-11 | 51,10 J | 6,4 J |

[1] 𝒟 diminuée de 10'' : erreur de réduct.

**34413 P. — 46809 L.**

| | III. $23^h 46^m$ | $58°17'$ |
|---|---|---|
| 81 11-20 | $51^s,18$ J | $12'',8$ J |

**34414 P. — 46805-06 L.**

| | II. $23^h 46^m$ | $115°0'$ |
|---|---|---|
| 56 12-27 | $5^s,90$ G | |
| 58 9-25 | 6,38 G | $30'',3$ |
| | III. $23^h 46^m$ | $114°55$ |
| 79 10-26 | $52^s,96$ J | $29'',8$ J |

**34415 P. — 46815 L.**

| | III. $23^h 47^m$ | $45°24'$ |
|---|---|---|
| 80 10-18 | $4^s,54$ G | $25'',6$ G |

**34416 P. — 939 W$_1$.**

| | II. $23^h 46^m$ | $85°57'$ |
|---|---|---|
| 60 11-26 | $22^s,78$ G | $54'',5$ G |

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**34417 P. — 46819 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23$^h$47$^m$ | 37°34' |
| 81 11-19[1] | 9$^s$,81 G | 15",5 G |
| 11-28 | 9,39 G | 16,0 G |

[1] 𝒫 diminuée de 6",3: erreur de réduct.

**34418 P. — 46814 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23$^h$46$^m$ | 111°17' |
| 61 10- 3 | 25$^s$,03 G | 43",2 G |
| III. | 23$^h$47$^m$ | 111°12' |
| 79 10-30 | 11$^s$,68 J | 43",6 J |

**34419 P. — 46822-23 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23$^h$47$^m$ | 39°10' |
| 80 11- 8 | 17$^s$,92 G | 22",5 G |
| 81 10-16 | 17,96 G | 22,6 G |
| 10-18 | | 22,9 G |
| 11- 4 | 18,27 G | 23,7 G |

**34420 P. — 46817-18 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23$^h$46$^m$ | 109°8' |
| 58 10- 6 | 32$^s$,83 G | 36",4 G |
| 11-12 | 32,73 G | 36,9 G |
| 67 10-21 | 32,86 M | 38,9 M |

**34421 P. — 46820-21 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23$^h$47$^m$ | 61°53' |
| 71 10-14 | 20$^s$,30 G | 16",0 G |
| 11-19 | 20,44 G | |
| 74 9- 8 | 20,57 G | 16,8 G |
| 9-17 | | 16,2 G |
| 10-10 | 20,55 G | 16,6 G |
| 10-13[1] | 20,62 M | 16,5 M |
| 10-24 | 20,61 G | 17,6 G |

[1] 𝒜 augm. de 1$^s$: erreur de moy.

**34422 P. — 46824 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23$^h$46$^m$ | 75°17' |
| 56 9-14 | | 45",8 G |
| 57 11-12 | | 45,9 G |
| 61 11- 1 | 41$^s$,10 G | 47,1 G |
| III. | 23$^h$47$^m$ | 75°12' |
| 79 9-27 | 26$^s$,61 G | 46",9 G |

**34423 P. — 46828 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23$^h$46$^m$ | 72°47' |
| 58 8- 6 | 46$^s$,48 G | |
| 9-12 | | 6",9 G |
| III. | 23$^h$47$^m$ | 72°42' |
| 79 10-16 | 31$^s$,94 G | 7",0 G |
| 10-20 | 32,00 G | 7,4 G |
| 80 10-30 | 32,11 M | 4,8 M |
| 81 10-15 | 31,97 M | 8,3 M |
| 10-17 | 32,15 M | 6,5 M |

**34424 P. — 46826-27 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23$^h$46$^m$ | 78°46' |
| 60 11- 2 | 47$^s$,12 G | |
| 61 11- 3 | 47,14 G | |
| 11-23 | 47,19 G | 40",2 G |
| III. | 23$^h$47$^m$ | 78°41' |
| 79 10- 4 | 33$^s$,04 M | 40",5 M |

**34425 P. — 46830-31 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23$^h$47$^m$ | 59°55' |
| 71 11-17 | 33$^s$,17 G | |
| 74 9-17 | 33,24 M | 28",1 M |
| 10-14 | 33,29 M | 27,1 M |
| 10-20 | 33,27 M | 27,9 M |
| 75 10- 8 | 33,21 M | 27,5 M |

**34426 P. — 46832 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23$^h$46$^m$ | 46°13' |
| 67 9-28 | 49$^s$,68 M | 23",7 M |
| 10-10 | 49,75 M | 23,6 M |
| 11-27 | 49,95 M | 24,0 M |

**34427 P. — 46829 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23$^h$46$^m$ | 100°4' |
| 54 11- 9 | 51$^s$,10 G | |
| 58 9-27 | | 7",2 F |
| 10- 8 | | 3,9 G |
| 10-30[1] | 50,93 G | 6,3 G |
| III. | 23$^h$47$^m$ | 99°59' |
| 79 10-20 | 36$^s$,82 J | 6",5 J |

[1] Indiquée à tort 46820 L. à l'observ. de passage. — 𝒜 augmentée de 1$^m$.

**34428 P. — 950 W$_1$.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23$^h$46$^m$ | 100°10' |
| 58 10-30[1] | 54$^s$,15 G | |

[1] 𝒜 augmentée de 1$^m$.

**34429 P. — 46834 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23$^h$46$^m$ | 85°54' |
| 56 8-31 | 55$^s$,53 G | |
| 9- 5 | 55,23 G | |
| 60 10- 3 | 55,44 G | 23",0 G |
| 11- 3 | 55,62 G | 20,9 G |

**34430 P. — 46836 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23$^h$46$^m$ | 51°29' |
| 66 10-17 | | 49",6 G |
| 67 11-28 | | 48,4 G |
| III. | 23$^h$47$^m$ | 51°24' |
| 73 10-16 | 44$^s$,48 G | 46",2 G |
| 80 10- 4 | 44,54 G | 47,5 G |
| 81 10-19 | 44,58 G | 48,6 M |
| 10-21 | 44,60 M | 48,1 M |

**34431 P. — 46839 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23$^h$47$^m$ | 34°12' |
| 80 10-10[1] | | 22",4 G |

[1] 𝒫 augmentée de 1° : erreur de transcr.

**34432 P. — 46837 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23$^h$47$^m$ | 84°47' |
| 58 11- 4 | | 15",6 G |
| III. | 23$^h$47$^m$ | 84°42' |
| 79 10-11 | 49$^s$,17 M | 14",2 M |

**34433 P. — 46838 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23$^h$47$^m$ | 117°49' |
| 58 11-10 | | 20",5 F |
| III. | 23$^h$47$^m$ | 117°44' |
| 79 11- 9 | 53$^s$,70 J | 20",2 J |
| 81 9-27 | 53,71 M | 18,2 M |
| 11-17 | 53,62 M | 23,3 M |

**34434 P. — 4993 A + 31°.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23$^h$47$^m$ | 58°18' |
| 81 11-19 | 56$^s$,09 J | 15",2 J |

**34435 P. — 46842 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23$^h$47$^m$ | 65°38' |
| 58 10- 4 | 11$^s$,83 G | 39",8 G |
| 62 9-22[1] | 11,93 G | 40,6 G |
| 9-25 | 11,93 G | 40,6 G |

[1] 𝒜 augm. de 20$^s$: err. de moy.

**34436 P. — 46840-41 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23$^h$47$^m$ | 81°38' |
| 58 11- 2 | 13$^s$,21 G | |
| III. | 23$^h$47$^m$ | 81°33' |
| 71 10-23 | 59$^s$,52 M | 3",3 M |
| 72 10-25 | 59,10 G | 5,2 G |
| 74 10-27 | 59,36 G | 3,9 G |
| 10-28 | 59,33 G | 3,6 G |
| 11- 2 | 59,35 G | 4,2 G |
| 11- 3 | 59,13 G | |
| 11- 4 | 59,36 G | 4,5 G |
| 11- 5 | 59,34 G | 5,1 G |
| 11- 6[1] | 59,10 G | |

[1] 𝒜 diminuée de 0$^s$,50: erreur de 1$^s$ sur les trois derniers fils.

**34437 P. — 46844-45 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23$^h$47$^m$ | 58°52' |
| 67 10-30 | | 39",0 G |
| III. | 23$^h$47$^m$ | 58°47' |
| 80 11- 8 | 59$^s$,39 J | 39",5 J |
| 81 10-18 | 59,22 J | 40,4 J |

**34438 P. — 46843 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23$^h$47$^m$ | 88°18' |
| 56 9-26 | | 46",9 G |
| 10-30 | 15$^s$,31 G | 48,0 G |
| 57 9-25 | 15,27 G | |

**34439 P. — 46847 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23$^h$47$^m$ | 57°11' |
| 66 9-17 | 16$^s$,28 G | |
| III. | 23$^h$48$^m$ | 57°6' |
| 73 10-28 | 1$^s$,84 G | 6",2 G |
| 80 11-10 | 1,59 J | 7,0 J |
| 81 10-15 | 1,55 J | 5,4 J |

**34440 P. — 46848 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23$^h$47$^m$ | 84°12' |
| 56 10-19 | | 5",4 G |
| 57 9- 9 | 19$^s$,48 G | 5,5 G |
| 58 8-27 | 19,36 G | 6,9 G |

Dates 1800+ — Positions moyennes pour les époques du Catal.

**34441 P. — 46852 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h 48m | 43°43' |
| 80 9-28 | | 44",2 G |
| 10-11 | 6s,31 G | 42,4 G |
| 81 11-12 | 6,21 G | 43,8 G |

**34442 P. — 46856 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h 48m | 42°3' |
| 81 10-22 | 8s,81 G | 51",5 G |

**34443 P. — 46851 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h 47m | 61°7' |
| 58 10-2 | 23s,52 G | 58",9 G |
| 10-22 | | 59,5 G |
| III. | 23h 48m | 61°2' |
| 71 11-13 | 9s,01 G | |

**34444 P. — 46849-50 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h 47m | 93°45' |
| 57 9-15 | | 25",2 G |
| 9-18 | | 25,5 G |
| 10-13 | 24s,28 G | 25,7 G |
| 11-10 | 24,24 G | |
| III. | 23h 48m | 93°40' |
| 76 10-12 | 10s,36 G | 27",1 G |
| 10-18 | 10,20 G | 27,7 G |
| 11-7 | 10,31 G | 26,4 G |

**34445 P. — 5975 Sf. — 4°.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h 47m | 94°20' |
| 57 11-11 | 24s,79 G | |

**34446 P. — 46854 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h 47m | 92°43' |
| 56 10-8 | | 27",5 G |
| 11-6 | 27s,97 G | |
| 59 9-8 | 28,42 G | |
| 9-11 | 28,40 G | |
| III. | 23h 48m | 92°38' |
| 72 10-29 | 14s,07 G | |
| 73 12-1 | 14,36 M | 28",7 M |
| 81 10-5 | 14,25 M | 28,6 M |

**34447 P. — 46857 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h 47m | 94°13' |
| 56 11-3 | | 47",0 G |
| III. | 23h 48m | 94°8' |
| 79 10-7 | 17s,52 M | 50",2 M |

**34448 P. — 46859-60 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 23h 46m | 90°45' |
| 39 9-21 | 50s,68 G | |
| 10-13 | 50,62 G | |
| 41 9-11 | 50,77 G | |
| 9-20 | 50,84 G | |
| 42 10-6 | 50,76 G | |
| 10-11 | 50,86 G | |
| 10-13 | 50,83 G | |
| 52 11-6 | 50,63 G | 9",9 F |
| 53 11-3 | 50,74 G | |
| II. | 23h 47m | 90°40' |
| 55 8-16 | | 8",2 G |
| 56 9 25 | 36s,77 G | 7,5 G |
| 11-5 | 36,70 G | 9,3 G |
| III. | 23h 48m | 90°35' |
| 78 9-14 | 22s,76 M | 10",9 M |
| 11-5 | 22,58 J | 8,6 J |

**34449 P. — 46862 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h 48m | 59°21' |
| 80 10-30 | 24s,54 J | 54",8 J |
| 81 10-3 | 24,63 J | 54,8 J |
| 10-29 | 24,61 J | 54,6 J |
| 10-30 | 24,53 J | 53,9 J |

**34450 P. — 46861 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h 47m | 72°1' |
| 56 8-7 | 39s,43 G | |
| 58 1-6 | | 54",5 G |
| 8-26 | 39,25 G | |
| III. | 23h 48m | 71°56' |
| 79 10-11 | 25s,17 G | 55",3 G |

**34451 P. — 46864 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h 47m | 77°33' |
| 58 11-3 | 43s,05 G | |
| 60 10-27 | 42,82 G | 44",6 G |
| 62 9-3 | 43,20 G | 44,3 G |

**34452 P. — 46865 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 23h 46m | 68°23' |
| 41 10-12 | 58s,03 G | |
| II. | 23h 47m | 68°18' |
| 58 10-20[1] | 43s,50 G | 23",0 G |
| III. | 23h 48m | 68°13' |
| 79 11-3 | 29s,16 G | 23",1 G |

[1] 𝒫 diminuée de 10" : on a diminué de 10" l'un des deux microscopes lus au lieu d'augmenter l'autre microscope de 10".

**34453 P. — 46863 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h 47m | 84°40' |
| 57 9-21 | 43s,33 G | |
| 9-29 | 43,44 G | 19",7 G |
| 10-20 | 43,32 G | 22,4 G |

**34454 P. — 14343 Cambridge.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h 47m | 64°42' |
| 58 9-10 | 46s,26 G | |

**34455 P. — 46869 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h 47m | 61°18' |
| 58 9-15 | 49s,92 G | |
| 59 11-23 | 49,93 G | |
| 60 9-15 | 49,78 G | 11",9 G |
| 64 10-15 | 49,97 M | 12,0 M |

**34456 P. — 46868 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h 47m | 82°23' |
| 57 10-2 | 50s,65 G | 21",4 G |
| III. | 23h 48m | 82°18' |
| 72 10-23 | 36s,60 M | 22",6 M |

**34457 P. — 46867 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h 47m | 62°8' |
| 57 12-24[1] | 51s,29 G | 48",8 G |
| III. | 23h 48m | 62°3' |
| 71 11-5 | 37s,37 G | 47",5 G |

[1] 𝒫 augmentée de 30" : erreur de moy.

**34458 P. — 46866 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 23h 47m | 100°19' |
| 48 10-25 | 5s,49 G | |
| 10-26[1] | 5,39 G | 23",8 G |
| 10-27 | 5,39 G | |
| II. | 23h 47m | 100°14' |
| 54 8-25 | 51s,62 G | |
| 58 8-20 | 51,52 G | 23",5 G |
| 9-9 | 51,61 G | 22,6 G |
| 59 10-17 | 51,67 G | |

[1] 𝒫 augmentée de 2'.

**34459 P. — 46870 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h 47m | 84°51' |
| 58 9-28 | 51s,84 G | 6",1 G |

**34460 P. — 46855 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h 47m | 61°19' |
| 58 9-15 | 54s,92 G | |
| 59 11-23 | 54,97 G | |
| III. | 23h 48m | 61°14' |
| 80 10-24 | 40s,51 J | 40",8 J |
| 81 10-5 | 40,48 J | 40,2 J |

**34461 P. — 46872 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h 47m | 95°26' |
| 57 10-12 | 56s,90 G | 47",4 G |
| III. | 23h 48m | 95°21' |
| 75 11-2 | 43s,07 M | 47",4 M |
| 76 11-9 | 43,18 M | 49,1 M |

**34462 P. — 46871 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h 47m | 112°9' |
| 58 10-31 | 57s,27 G | 29",4 G |

**34463 P. — 26 Poissons.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 23h 47m | 83°47' |
| 49 9-25 | 12s,28 G | |
| 9-26 | 12,31 G | |
| 10-17 | 12,22 G | |
| 52 12-18 | 12,25 G | |

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|

**34463 P. (suite).**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h47m | 83°42' |
| 59 10- 4 | | 26",1 G |
| 60 9-29 | 58s,21 G | 26,5 G |
| 61 12-10 | 57,94 G | 26,9 G |
| 62 10- 8 | 58,21 G | |
| 10- 9 | 58,17 G | |
| 10-14 | 58,22 G | |
| 10-16 | 58,34 G | 25,2 G |
| 63 9-15 | 58,16 G | |
| 9-18 | 58,16 G | |
| 9-19 | 58,14 G | |
| 9-27 | 58,15 G | |
| 10-16 | 58,21 G | |
| 10-19 | 58,07 G | |
| 10-23 | 58,17 G | |
| 10-25 | 58,11 G | |
| 11-19 | 58,16 G | |
| 11-20 | 58,16 G | |
| 64 9-21 | 58,07 G | |
| 9-22 | 58,08 G | |
| 9-26 | 58,13 G | |
| 9-29 | 58,21 G | |
| 9-30 | 58,19 G | |
| 10- 1 | 58,10 G | |
| 10-17 | 58,04 G | |
| 11- 3 | 58,07 G | |
| 11- 4 | 58,08 G | |
| 11- 8 | 58,12 G | |
| 65 10-23 | 58,18 G | |
| 10-30 | 58,13 G | |
| 11- 1 | 58,08 G | |
| 11-12 | 58,04 G | |
| III. | 23h48m | 83°37' |
| 72 11- 8 | 44s,08 G | 26",3 G |

**34464 P. — 46873-74 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h47m | 52°42' |
| 67 11-13 | | 32",1 G |
| III. | 23h48m | 52°37' |
| 73 11-13 | 44s,30 G | 29",9 G |
| 74 9-26 | | 33,8 G |
| 10- 6 | | 31,4 G |
| 10-12 | 44,27 G | 30,2 G |
| 10-13 | 44,28 G | 28,0 G |
| 10-16 | 44,28 G | 30,9 G |

**34465 P. — 4163 Gr.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 23h47m | 16°27' |
| 52 12- 8 I | | 4",5 F |
| 12-10 | | 6,6 F |
| 12-10 I | | 6,3 F |
| 12-11 | | 6,8 F |
| 12-11 I | | 7,9 G |
| 12-11 I | | 5,6 F |
| 12-13 I | | 9,2 F |
| 12-15 | | 6,5 G |
| 12-17 | | 7,1 F |
| 12-18 | | 7,4 G |
| 12-19 | | 6,5 F |

**34465 P. (suite).**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 23h47m | 16°27' |
| 52 12-20 | | 8",0 F |
| 12-20 I | | 5,2 F |
| 12-28 | | 7,5 F |
| 12-28 I | | 7,8 G |
| 53 1- 8 | | 5,4 F |
| 1- 8 I | | 7,3 F |

**34466 P. — 46875 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h48m | 36°6' |
| 80 10-24 | 48s,93 G | 16",8 G |
| 81 10-30 | 48,79 G | 17,1 G |

**34467 P. — 46876 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h48m | 87°32' |
| 56 8- 5[1] | 11s,07 G | |
| 8-29 | | 18",0 G |
| 57 11-15 | | 18,4 G |
| III. | 23h48m | 87°27' |
| 73 10-28 | 57s,32 M | |

[1] 𝒜 augmentée de 1m : erreur de transcr.

**34468 P. — 46879 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h48m | 95°40' |
| 57 11-17 | 12s,59 G | 51",4 G |
| 64 10-18 | 12,42 M | 52,2 M |

**34469 P. — 46877-78 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h48m | 108°36' |
| 54 8-29 | 13s,00 G | |
| III. | 23h48m | 108°31' |
| 78 10-23 | 59s,50 J | 28",5 J |
| 11- 9 | 59,39 J | 28,4 J |
| 79 12-20 | 59,51 J | 27,2 J |

**34470 P. — 46881-82 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h48m | 64°49' |
| 58 8- 8 | | 25",4 G |
| 10-19 | 16s,03 G | 24,4 G |
| 11- 7 | 15,76 G | 24,4 G |
| 11-11 | 16,09 G | 25,0 G |
| 59 11-14 | | 25,9 G |

**34471 P. — 46883 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h48m | 57°53' |
| 59 11-19 | | 13",4 G |
| 61 11-10 | 16s,59 G | |
| 11-21 | 16,58 G | 11,5 G |
| 62 10- 1 | 16,83 G | 12,5 G |

**34472 P. — 46880 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h48m | 104°31' |
| 60 10- 4 | 17s,17 G | |
| 62 12-10 | 17,28 G | 47",5 G |
| III. | 23h49m | 104°26' |
| 78 10-20 | 3s,69 M | 47",5 M |

**34473 P. — 46888 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h48m | 40°32' |
| 58 11-28 | 19s,58 G | |
| 61 9-28 | | 11",9 G |
| III. | 23h49m | 40°27' |
| 79 10-30 | 4s,59 M | 14",2 M |
| 81 10-15 | | 10,9 G |

**34474 P. — 46885 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h49m | 54°44' |
| 68 10-13 | 5s,98 G | 23",5 G |
| 73 10-17 | 6,03 G | 23,6 G |
| 74 10-10 | 5,91 M | 23,6 M |

**34475 P. — 32878 Mn$_1$.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 23h47m | 90°9' |
| 43 10-28 | 37s,53 G | |

**34476 P. — 46890 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 23h47m | 87°20' |
| 49 10-18 | 38s,84 G | |
| 10-19 | 38,81 G | |
| II. | 23h48m | 87°15' |
| 56 8- 9 | 24s,37 G | |
| 10-21 | | 56",2 G |
| 58 9-19[1] | 24,63 G | 57,6 G |

[1] 𝒜 augm. de 0s,60 : err. de moy.

**34477 P. — 46897 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h48m | 40°27' |
| 58 11-28 | 28s,88 G | |
| 61 9-28 | | 27",5 G |

**34477 P. (suite).**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h49m | 40°22' |
| 79 11- 9 | 13s,35 G | 23",7 G |

**34478 P. — 46898 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23h49m | 41°45' |
| 80 11- 9[1] | 13s,66 G | 40",5 G |
| 81 10- 1 | 13,64 G | 41,2 G |

[1] 𝒜 augmentée de 1s : erreur de réduct.

**34479 P. — 46891-92 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 23h47m | 82°38' |
| 50 10- 1 | 42s,25 G | |
| 12-14 | 42,34 G | |
| II. | 23h48m | 82°33' |
| 55 11-26 | 28s,07 G | |
| III. | 23h49m | 82°28' |
| 69 10- 1 | | 20",8 G |
| 71 10-28 | 14s,12 M | 20,4 M |

**34480 P. — 46899 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 23h47m | 38°7' |
| 40 2-11 I | 45s,14 G | 41",3 F |
| 10- 6[1] | 45,13 G | 41,8 F |
| 10- 9[1] | 44,98 G | 40,3 F |
| 10-10[1] | 44,75 G | 37,3 F |
| 10-13 | 45,01 G | |
| 49 10-10 | 44,89 G | |
| 53 10-31 | | 40,1 G |
| III. | 23h49m | 37°57' |
| 81 9-26 | 15s,00 G | 38",3 G |
| 11-17 | 14,76 G | 37,6 G |

[1] Observations de distance polaire faites près du zénith, sans indication de la position de l'observateur. On n'a pas tenu compte de la valeur de l'équation personnelle dans le calcul de la distance polaire.

**34481 P. — 46893 L.**

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23h48m | 99°50' |
| 58 10-21 | | 18",6 G |
| 11-30 | 32s,57 G | 18,7 G |
| III. | 23h49m | 99°45' |
| 75 11-22 | 18s,86 M | 20",9 M |
| 76 11- 7 | 18,78 M | 19,0 M |

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### 34482 P. — 46900 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 23h49m | 44°20' |
| 80 11-3 | 19s,33 G | 12",8 G |
| 81 10-17 | 19,37 G | 13,2 G |

### 34483 P. — 46896 L[1].

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 23h48m | 103°55' |
| 67 10-26 | 34s,17 M | 46",4 M |
| III. | 23h49m | 103°50' |
| 79 11-19 | 20s,42 J | 44",9 J |

[1] La dist. pol. de Lal. doit être dim. de 5'.

### 34484 P. — 46894-95 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 23h48m | 104°44' |
| 54 9-21 | | 44",6 G |
| 56 11-14 | 35s,37 G | |
| III. | 23h49m | 104°39' |
| 80 9-27 | 21s,87 M | 45",7 M |

### 34485 P. — 46905 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 23h48m | 42°33' |
| 67 11-8 | 44s,33 M | 24",6 M |
| III. | 23h49m | 42°28' |
| 79 10-3 | 29s,57 G | 26",1 G |

### 34486 P. — 46903 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 23h48m | 75°32' |
| 56 9-8 | 45s,19 G | |
| 57 9-20 | 45,22 G | |
| 10-5 | 45,13 G | |
| 11-12 | | 53",5 G |
| 58 9-8[1] | | 60,9 F |
| 9-27 | | 53,8 G |
| 10-1 | 45,18 G | 54,0 G |
| 10-5 | | 54,1 G |

[1] 𝒫 non comprise dans la moyenne.

### 34487 P. — 46904 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 23h48m | 87°14' |
| 55 10-19[1] | 48s,38 G | |
| 58 9-13 | | 4",5 G |
| 9-19 | 48,49 G | |

[1] 𝒜 augmentée de 1m.

### 34488 P. — 46906 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 23h49m | 69°31' |
| 71 11-7 | 36s,01 G | 48",0 G |
| 74 9-24 | | 47,9 G |
| 9-25 | | 50,7 G |
| 75 11-13 | 36,02 G | 47,2 G |
| 11-22 | 35,92 G | 48,8 G |

### 34489 P. — 46907 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 23h48m | 112°46' |
| 58 9-25[1] | 54s,33 G | 19",2 G |
| III. | 23h49m | 112°41' |
| 79 10-26 | 40s,68 J | 18",2 J |

[1] 𝒫 diminuée de 1'.

### 34490 P. — 46908 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 23h48m | 93°27' |
| 56 10-27 | 55s,56 G | |
| 58 9-9 | | 10",6 F |
| 9-11 | | 8,6 F |
| 9-26 | 55,53 G | 10,1 G |
| III. | 23h49m | 93°22' |
| 78 10-2 | 41s,81 J | 11",6 J |
| 10-13 | 41,67 M | 11,1 M |
| 10-15 | 41,71 J | 10,6 J |

### 34491 P. — 46909 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 23h48m | 59°41' |
| 59 11-20 | 58s,29 G | |
| 62 9-11 | 57,98 G | 56",3 G |
| 9-15 | 58,24 G | 55,6 G |
| 9-17[1] | 58,25 G | 56,6 G |

[1] 𝒜 augmentée de 5s.

### 34492 P. — 18281 Bonn.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 23h48m | 40°25' |
| 58 11-28 | 58s,83 G | |

### 34493 P. — 46910 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 23h48m | 65°31' |
| 46 8-26 | 13s,83 G | |
| III. | 23h49m | 65°21' |
| 80 10-1 | 45s,13 J | 25",2 J |
| 10-9 | 45,18 J | 24,4 J |

### 34494 P. — 46911-12 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 23h49m | 57°17' |
| 66 10-16 | 1s,12 G | 27",3 G |
| 67 10-25 | | 26,8 G |
| 11-8[1] | | 28,2 G |
| III. | 23h49m | 57°12' |
| 80 9-30 | 46s,69 J | 27",4 J |
| 10-11 | 46,57 J | 27,4 J |
| 11-3 | 46,49 J | 28,3 J |

[1] 𝒫 augmentée de 1'.

### 34495 P. — 994 $W_1$.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 23h48m | 86°14' |
| 44 9-1 | 21s,66 G | |
| II. | 23h49m | 86°9' |
| 58 11-4 | | 8",4 G |

### 34496 P. — 46915 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 23h49m | 61°54' |
| 58 10-17 | 9s,24 G | 8",6 G |
| III. | 23h49m | 61°49' |
| 79 9-27 | 55s,01 G | |
| 10-4 | 55,01 G | |
| 10-30 | 54,80 G | |
| 11-15 | 54,99 G | |
| 80 10-9 | 54,87 M | 7",3 M |
| 10-10 | 54,96 M | 7,5 M |
| 10-24 | 54,95 M | 7,6 M |

### 34497 P. — 46914 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 23h49m | 80°40' |
| 74 11-6 | 56s,19 G | 59",8 G |
| 79 10-3 | 56,26 M | 59,8 M |
| 10-6 | 56,30 M | 59,8 M |

### 34498 P. — 46916 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 23h49m | 100°16' |
| 57 11-27 | 12s,57 G | 33",1 G |
| 58 8-20 | 12,26 G | 33,3 G |
| 67 10-21 | 12,21 M | 34,7 M |

### 34499 P. — 46913 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 23h49m | 91°42' |
| 57 8-13 | 17s,30 G | |

### 34499 P. (suite).

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 23h50m | 91°37' |
| 80 10-18 | 3s,42 M | 40",7 M |
| 10-25 | 3,52 M | 40,9 M |
| 81 10-15 | 3,25 M | 41,1 M |
| 10-17 | 3,49 M | 39,5 M |

### 34500 P. — 46917 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 23h49m | 115°31' |
| 58 11-10 | | 1",5 F |
| III. | 23h50m | 115°26' |
| 79 10-20 | 3s,40 J | 0",7 J |
| 11-2 | 3,40 J | 1,6 J |

### 34501 P. — 46920 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 23h50m | 44°41' |
| 80 11-16 | 6s,05 G | 28",3 G |

### 34502 P. — 46921-22 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| III. | 23h50m | 48°10' |
| 81 10-31 | 11s,46 G | 35",9 G |

### 34503 P. — 46924 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| I. | 23h48m | 68°12' |
| 41 10-11 | 48s,05 G | |
| 10-12 | 48,19 G | |
| 12-7 | 48,19 G | |
| II. | 23h49m | 68°7' |
| 57 10-24 | 33s,54 G | 50",6 G |
| III. | 23h50m | 68°2' |
| 71 11-19 | 19s,36 G | |
| 74 10-13 | 19,34 M | 50",7 M |
| 75 10-8 | 19,56 M | 51,5 M |
| 78 10-23 | 19,48 M | 51,3 M |

### 34504 P. — 46927 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| II. | 23h49m | 57°34' |
| 59 11-19 | | 21",1 G |
| 62 9-20 | 37s,10 G | 19,6 G |
| 66 10-17 | 37,23 G | 22,1 G |
| III. | 23h50m | 57°29' |
| 74 10-23 | 22s,92 M | 22",5 M |

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|---|---|---|

### 34505 P. — 46926 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23$^{h}$49$^{m}$ | 86°3′ |
| 55 11-11 | 37$^{s}$,00 G | |
| 58 11- 2 | 37,00 G | |
| III. | 23$^{h}$50$^{m}$ | 85°58′ |
| 74 10-31 | 23$^{s}$,14 G | 15$''$,0 G |
| 11- 3 | 22,95 G | 16,4 G |

### 34506 P. — 46928 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23$^{h}$49$^{m}$ | 98°7′ |
| 57 10-16 | 50$^{s}$,63 G | |
| 61 10-26[1] | 50,45 G | 56$''$,9 G |
| III. | 23$^{h}$50$^{m}$ | 98°2′ |
| 73 11-27 | 36$^{s}$,99 M | 55$''$,6 M |

[1] 𝒜 augm. de 0$^{s}$,20 : err. de moy.

### 34507 P. — 3187 Br.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 23$^{h}$49$^{m}$ | 7°40′ |
| 53 3-13 I | 18$^{s}$,19 G | |
| 5-10 I | 18,66 G | |
| 5-13 I | 18,25 G | |
| 5-14 I | 18,21 G | |
| 5-19 I | 18,87 G | |
| 10-13 | 19,17 G | |
| 10-17 | 18,40 G | |
| 10-20 | 18,60 G | |
| 10-23 | 18,56 G | |

### 34508 P. — 46942 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 23$^{h}$49$^{m}$ | 35°1′ |
| 40 10-10 | 8$^{s}$,66 G | |
| 10-13 | 8,47 G | |

### 34509 P. — 46935 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 23$^{h}$49$^{m}$ | 87°50′ |
| 41 9-10 | 6$^{s}$,80 G | |
| 9-11 | 6,84 G | |
| II. | 23$^{h}$49$^{m}$ | 87°45′ |
| 57 9-25 | 52$^{s}$,86 G | |
| III. | 23$^{h}$50$^{m}$ | 87°40′ |
| 74 9- 8 | 38$^{s}$,75 G | 10$''$,1 G |
| 10-10 | 38,66 G | 9,6 G |
| 10-24 | 38,83 G | 9,4 G |
| 10-26 | 38,68 G | 10,0 G |
| 11- 5 | | 9,4 G |

### 34510 P. — 46934 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 23$^{h}$49$^{m}$ | 93°50′ |
| 47 10-15 | 7$^{s}$,09 G | |
| 11-12 | 7,14 G | 18$''$,8 G |
| II. | 23$^{h}$49$^{m}$ | 93°45′ |
| 57 8-25 | 53$^{s}$,25 G | |
| 66 11-20 | 53,64 M | 16$''$,4 M |
| III. | 23$^{h}$50$^{m}$ | 93°40′ |
| 79 10-30 | 39$^{s}$,38 J | 17$''$,8 J |

### 34511 P. — 46930 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23$^{h}$49$^{m}$ | 93°23′ |
| 58 10-29 | 53$^{s}$,63 G | 31$''$,2 G |
| 60 11-26 | 53,42 G | 31,1 G |

### 34512 P. — 46937 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23$^{h}$49$^{m}$ | 63°12′ |
| 58 1- 6 | | 18$''$,0 G |
| 1- 7 | | 18,2 G |
| 59 9-16 | 54$^{s}$,12 G | |
| III. | 23$^{h}$50$^{m}$ | 63°7′ |
| 79 11-19 | 39$^{s}$,83 G | 18$''$,4 G |

### 34513 P. — 46929 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23$^{h}$49$^{m}$ | 103°44′ |
| 54 11- 9 | 54$^{s}$,25 G | |
| 58 9-27 | | 25$''$,5 F |
| 10- 8 | | 27,8 G |
| III. | 23$^{h}$50$^{m}$ | 103°39′ |
| 79 10- 4 | 40$^{s}$,55 M | 26$''$,3 M |

### 34514 P. — 46932 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23$^{h}$49$^{m}$ | 117°24′ |
| 55 9- 7 | | 13$''$,1 G |
| 56 12-27 | 54$^{s}$,63 G | |
| III. | 23$^{h}$50$^{m}$ | 117°19′ |
| 79 11- 9 | 41$^{s}$,19 J | 13$''$,1 J |

### 34515 P. — 46938 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23$^{h}$49$^{m}$ | 87°42′ |
| 56 10- 5 | | 25$''$,5 G |
| 57 9-25 | 56$^{s}$,14 G | |

### 34515 P. (suite).

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23$^{h}$50$^{m}$ | 87°37′ |
| 72 10-25 | 42$^{s}$,03 G | 27$''$,4 G |
| 74 10-28 | 42,21 G | 27,2 G |

### 34516 P. — 46943-44 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23$^{h}$50$^{m}$ | 48°2′ |
| 80 11-22[1] | 43$^{s}$,25 G | 13$''$,7 G |
| 81 10- 3 | 43,26 G | 15,1 G |
| 11- 9 | 43,32 G | 14,5 G |

[1] 𝒜 augm. de 0$^{s}$,40 : les deux prem. fils avaient été diminués à tort de 1$^{s}$.

### 34517 P. — 46939 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23$^{h}$49$^{m}$ | 111°36′ |
| 55 9-24 | | 42$''$,8 G |
| 58 10-30 | 57$^{s}$,98 G | 45,6 G |
| III. | 23$^{h}$50$^{m}$ | 111°31′ |
| 81 9-27 | 44$^{s}$,49 M | 44$''$,7 M |

### 34518 P. — 14365 Cambridge.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23$^{h}$50$^{m}$ | 62°59′ |
| 62 9-18 | | 51$''$,4 G |

### 34519 P. — 6116 Sf. — 7°.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23$^{h}$50$^{m}$ | 97°36′ |
| 80 10-11 | 46$^{s}$,37 M | 41$''$,2 M |
| 81 10- 4 | 46,24 M | 38,6 M |
| 10-22 | 46,42 M | 40,1 M |
| 10-31 | 46,32 M | 41,2 M |

### 34520 P. — 46947 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 23$^{h}$49$^{m}$ | 35°9′ |
| 40 9- 8 I | 21$^{s}$,27 G | 22$''$,0 F |
| 10-10[1] | 21,33 G | 22,5 F |
| 10-13 | 21,26 G | |
| 47 4- 5 I | 21,29 G | |
| 51 10-17 | 21,45 G | |
| 52 10-17 | | 25,3 G |

[1] Observation de distance polaire faite près du zénith sans indication de la position de l'observateur. On n'a pas tenu compte de la valeur de l'équation personnelle dans le calcul de la distance polaire.

### 34521 P. — 46945 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23$^{h}$50$^{m}$ | 75°10′ |
| 56 8-30 | 5$^{s}$,93 G | 7$''$,3 G |
| 57 11-12 | | 7,6 G |
| 58 8- 6 | 6,12 G | |

### 34522 P. — 46949 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23$^{h}$50$^{m}$ | 45°46′ |
| 81 10-15 | 55$^{s}$,22 G | 26$''$,6 G |
| 10-29 | 55,17 G | 25,5 G |

### 34523 P. — 46946 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23$^{h}$50$^{m}$ | 68°24′ |
| 58 10-16[1] | 10$^{s}$,74 G | |
| 61 11- 1 | 10,87 G | |
| III. | 23$^{h}$50$^{m}$ | 68°19′ |
| 81 11-11 | 56$^{s}$,81 M | 34$''$,7 M |

[1] 𝒜 augmentée de 0$^{s}$,60 : erreur de 1$^{s}$ sur trois fils.

### 34524 P. — 46950 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II | 23$^{h}$50$^{m}$ | 63°2′ |
| 58 11- 1 | 13$^{s}$,06 G | |
| 62 9-18 | 13,01 G | 16$''$,7 G |
| III. | 23$^{h}$50$^{m}$ | 62°57′ |
| 81 11-12 | 58$^{s}$,93 M | 18$''$,2 M |
| 11-14 | 58,86 M | 17,4 M |

### 34525 P. — 46951 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| I. | 23$^{h}$49$^{m}$ | 87°51′ |
| 39 9-21 | 29$^{s}$,03 G | |
| II. | 23$^{h}$50$^{m}$ | 87°46′ |
| 56 9-23 | | 4$''$,9 G |
| 57 10-20 | 14$^{s}$,86 G | 5,7 G |
| III. | 23$^{h}$51$^{m}$ | 87°41′ |
| 81 10- 5 | 0$^{s}$,99 M | 5$''$,4 M |
| 10-18 | 0,95 M | 5,0 M |

### 34526 P. — 46953 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| III. | 23$^{h}$51$^{m}$ | 42°24′ |
| 81 11-19 | 2$^{s}$,46 G | 52$''$,7 G |

### 34527 P. — 46952 L.

| A. M. J. | 𝒜. | 𝒫. |
|---|---|---|
| II. | 23$^{h}$50$^{m}$ | 100°25′ |
| 58 9- 9 | 18$^{s}$,02 G | 14$''$,8 G |
| 10- 6 | 17,89 G | 15,1 G |

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**34528 P. — 46954 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | II. | |
| | | 23h 50m | 72° 31′ |
| 58 | 9-11 | | 44″,3 G |
| | 9-12 | | 43,6 G |
| | 10-11 | 23s,16 G | 42,5 G |
| | | III. | |
| | | 23h 51m | 72° 26′ |
| 79 | 10-20 | 8s,75 G | 43″,3 G |

**34529 P. — 6117 Sf. — 7°.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | III. | |
| | | 23h 51m | 97° 37′ |
| 81 | 10-19 | 9s,16 M | 0″,0 M |

**34530 P. — 46956 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | II. | |
| | | 23h 50m | 70° 27′ |
| 58 | 11- 3 | 27s,97 G | |

**34531 P. — 46962 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | II. | |
| | | 23h 50m | 48° 38′ |
| 67 | 11- 6 | 34s,39 M | 12″,9 M |
| | 11-29 | 34,40 M | 12,0 M |

**34532 P. — 46958-59 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | II. | |
| | | 23h 50m | 98° 9′ |
| 57 | 9-15 | | 14″,6 G |
| | | III. | |
| | | 23h 51m | 98° 4′ |
| 79 | 10-11 | 21s,65 M | 14″,3 M |
| 81 | 10- 3 | 21,59 M | 14,4 M |

**34533 P. — 46960 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | III. | |
| | | 23h 51m | 96° 9′ |
| 71 | 10-12 | 22s,80 G | |
| | 10-14 | 22,72 G | 15″,3 G |
| | 10-23 | 22,94 M | 14,5 M |
| | 10-23 | 22,67 G | 17,2 G |
| | 11-13 | 23,00 G | |
| | 11-20 | 22,77 G | |
| 75 | 11- 2 | 22,75 M | 15,5 M |

**34534 P. — 46965 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | I. | |
| | | 23h 49m | 65° 43′ |
| 37 | 1-15 | 52s,33 G | 12″,7 F |
| | 9- 8 | 52,23 G | |
| | 9- 9 | 52,29 G | 11,4 F |
| 38 | 11-26 | 52,27 G | 12,2 F |
| 39 | 10-13 | 52,22 G | |
| | 10-18 | 52,29 G | |

**34534 P. (suite).**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | I. | |
| | | 23h 49m | 65° 43′ |
| 39 | 11- 9 | 52s,28 G | 8″,4 F |
| 40 | 10-25 | 52,13 G | |
| 41 | 8-18 | 52,10 G | |
| | 8-20 | 52,26 G | |
| 46 | 8-26 | 52,05 G | |
| | 9-15 | 52,07 G | |
| | 9-22 | 52,22 G | |
| | 10-23 | 52,24 G | |
| | 11- 1 | 52,10 G | |
| | 11-19 | 52,31 G | |
| 47 | 1- 5 | 52,28 G | |
| | 1-10 | 52,13 G | |
| | 7-12 | 52,17 G | |
| 50 | 9-25 | | 10,3 G |
| 53 | 1- 8 | 52,14 G | |
| | | II. | |
| | | 23h 50m | 65° 38′ |
| 57 | 12-24 | 37s,81 G | 10″,0 G |
| 58 | 8- 8 | | 10,4 G |
| | 11-22 | | 10,5 G |
| 63 | 9-27 | | 11,7 G |
| 64 | 1- 2 | | 10,7 G |
| | 1- 6 | | 10,7 G |
| | 1- 7 | | 11,5 G |
| | 10-20 | | 11,5 G |

**34535 P. — 46966 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | II. | |
| | | 23h 50m | 93° 9′ |
| 57 | 10-13 | 50s,50 G | 4″,6 G |

**34536 P. — 46967 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | III. | |
| | | 23h 51m | 58° 39′ |
| 74 | 10-24 | 41s,19 M | 55″,7 M |
| | 10-26 | 41,16 M | 55,7 M |

**34537 P. — 47011 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | III. | |
| | | 23h 51m | 66° 20′ |
| 80 | 11-10 | 41s,78 J | 54″,9 J |
| 81 | 10-31 | 41,95 J | 55,4 J |

**34538 P. — 46968-69 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | II. | |
| | | 23h 50m | 60° 48′ |
| 58 | 9-10 | 57s,18 G | |
| 62 | 9-22 | 57,30 G | 2″,8 G |
| | 9-25 | 57,54 G | 4,5 G |

**34539 P. — 46970 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | III. | |
| | | 23h 51m | 62° 2′ |
| 80 | 10-24 | 43s,46 J | 10″,6 J |
| | 10-30 | 43,36 J | 10,4 J |
| 81 | 10-29 | 43,51 J | 9,9 J |
| | 10-30 | 43,40 J | 10,5 J |

**34540 P. — 1041 W₁.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | I. | |
| | | 23h 50m | 94° 50′ |
| 48 | 10-25 | 12s,25 G | |
| | 10-26 | 12,42 G | 32″,4 G |
| | 10-27 | 12,41 G | |

**34541 P. — 46974-75 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | I. | |
| | | 23h 50m | 106° 42′ |
| 41 | 9-10 | | 33″,9 F |
| | 9-11 | | 37,8 F |
| | 12- 7 | 22s,47 G | |
| 48 | 10- 5 | 22,78 G | |
| 50 | 12- 3 | 22,57 G | |
| 53 | 10- 9 | | 36,7 G |
| | | II. | |
| | | 23h 51m | 106° 37′ |
| 54 | 12- 9 | | 37″,2 G |
| 61 | 11- 2 | 8s,92 G | 35,8 G |
| | | III. | |
| | | 23h 51m | 106° 32′ |
| 79 | 12-20 | 55s,40 J | 35″,9 J |

**34542 P. — 46976-77 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | II. | |
| | | 23h 51m | 80° 56′ |
| 57 | 11-15 | | 52″,9 G |
| 58 | 9-28 | 9s,58 G | 54,5 G |
| | | III. | |
| | | 23h 51m | 80° 51′ |
| 79 | 9-30 | 55s,71 M | 53″,3 M |

**34543 P. — 46978-79 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | II. | |
| | | 23h 51m | 94° 7′ |
| 55 | 8-17 | | 52″,8 G |
| 56 | 9-25 | 12s,96 G | 53,7 G |

**34544 P. — 46981 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | II. | |
| | | 23h 51m | 55° 45′ |
| 66 | 10- 8 | 13s,61 G | 59″,0 G |
| 67 | 10-30 | | 58,7 G |
| | | III. | |
| | | 23h 51m | 55° 40′ |
| 74 | 10-28 | 59s,23 M | 59″,3 M |
| 80 | 10- 4 | 59,18 M | 57,4 M |

**34545 P. — 46980 et 83 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | III. | |
| | | 23h 52m | 61° 51′ |
| 71 | 11- 7 | 1s,05 G | 23″,2 G |
| 74 | 10-16 | 1,17 M | 23,7 M |
| 75 | 10- 9 | 1,11 M | 23,8 M |
| 81 | 11- 9 | 0,95 J | 22,6 J |

**34546 P. — 46986 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | II. | |
| | | 23h 51m | 51° 48′ |
| 59 | 11-18 | | 54″,3 G |
| | 11-19 | | 53,5 G |

**34547 P. — 46985 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | II. | |
| | | 23h 51m | 76° 57′ |
| 58 | 8-26 | | 24″,6 G |
| | 10-15 | 17s,51 G | 24,5 G |
| 61 | 11- 3 | 17,20 G | |

**34548 P. — 46989 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | III. | |
| | | 23h 52m | 44° 23′ |
| 80 | 10-10 | | 15″,5 G |

**34549 P. — 46987 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | II. | |
| | | 23h 51m | 92° 27′ |
| 58 | 9-11 | | 48″,4 F |
| 60 | 10-25 | 21s,92 G | 50,1 G |
| | 10-26 | | 50,1 G |
| | 10-29 | 21,86 G | |
| | | III. | |
| | | 23h 52m | 92° 22′ |
| 78 | 9-14 | 7s,61 M | 53″,8 M |

**34550 P. — 46988 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | II. | |
| | | 23h 51m | 104° 54′ |
| 55 | 10- 6 | 23s,26 G | |

**34551 P. — 46990 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | II. | |
| | | 23h 51m | 102° 28′ |
| 54 | 8-25 | 28s,67 G | |
| 58 | 8-27 | | 5″,8 G |

**34552 P. — 46992-93 L.**

| A. | M. J. | Æ | 𝒫 |
|---|---|---|---|
| | | I. | |
| | | 23h 50m | 94° 24′ |
| 37 | 8-18 | 44s,21 G | |
| | 9-11 | 44,46 G | 57″,3 F |
| | 9-15 | | 55,7 F |
| | 9-19 | 44,35 G | 57,3 F |
| | 9-20 | 44,28 G | 56,6 F |
| | 9-22 | 44,31 G | |
| | 9-23 | | 54,1 F |
| | 10- 4 | 44,31 G | |
| 38 | 10- 2 | 44,29 G | |
| | 10- 3 | 44,33 G | 57,2 F |
| | 10-30 | 44,47 G | |

| Dates 1800+ A. | M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒫. |
|---|---|---|---|

### 34552 P. (suite).

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $23^h 50^m$ | 94°24′ |
| 41 | 9-10 | $44^s,26$ G | |
| | 9-11 | 44,41 G | |
| | 9-20 | 44,35 G | |
| 42 | 10- 6 | 44,27 G | 56″,0 F |
| | 10-26 | 44,08 G | |
| | 10-28 | 44,51 G | 57,0 F |
| 45 | 9 24 | 44,12 G | |
| | 9-26 | 44,14 G | |
| 46 | 9-12 | 44,35 G | |
| 47 | 7-31 | 44,29 G | |
| 48 | 9-13 | 44,28 G | |
| | 11- 7 | 44,34 G | 56,6 G |
| | 11- 7 | | 56,2 F |
| | 12- 5 | 44,09 G | |
| 49 | 8- 7 | 44,24 G | |
| | 9- 3 | 44,25 G | |
| | 9-25 | 44,39 G | |
| | 9-26 | 44,38 G | |
| | 9-30 | 44,27 G | |
| | 10- 1 | | 57,1 G |
| | 10-17 | 44,27 G | |
| 50 | 9-21 | 44,14 G | |
| | 10-17 | 44,12 G | 58,2 G |
| | 10-18 | 44,39 G | |
| | 11-14 | 44,25 G | 56,6 F |
| | 12-14 | 44,33 G | |
| 51 | 7-17 | 44,22 G | |
| | 9-10 | | 59,1 G |
| | 9-11 | 44,35 G | |
| | 10- 8 | 44,25 G | 57,6 G |
| | 12-29 | 44,21 G | 59,0 F |
| | 12-30 | 44,23 G | |
| 52 | 9-26[1] | 44,30 G | 56,5 G |
| | 12-17 | 44,36 G | |
| | 12-18 | 44,20 G | |
| 53 | 10-13 | | 58,0 G |
| | 10-14 | 44,29 G | |
| | 11-10 | 44,30 G | |
| | | II. | |
| | | $23^h 51^m$ | 94°19′ |
| 54 | 10-31 | $30^s,35$ G | 58″,6 G |
| 56 | 10- 4 | | 56,9 G |
| 57 | 8-25 | 30,34 G | |
| | 11-17 | 30,26 G | 58,0 G |
| 66 | 11-17 | 30,35 M | 58,4 M |
| | | III. | |
| | | $23^h 52^m$ | 94°14′ |
| 69 | 8-24 | $16^s,29$ M | 57″,9 M |

[1] 𝒜 augmentée de $1^m$.

### 34553 P. — 46999 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $23^h 50^m$ | 37°28′ |
| 40 | 10- 6[1] | | 27″,7 F |
| | | III. | |
| | | $23^h 52^m$ | 37°18′ |
| 81 | 10-19 | $21^s,73$ G | 30″,2 G |
| | 11-28 | 21,47 G | 30,6 G |

[1] Observation faite près du zénith sans indication de la position de l'observateur : on n'a pas tenu compte de la valeur de l'équation personnelle dans le calcul de la distance polaire. — 𝒫 augm. de 30″ (1 tour de vis des microscopes).

### 34554 P. — 46994 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $23^h 51^m$ | 118°33′ |
| 58 | 9-25 | $38^s,02$ G | 12″,3 G |

### 34555 P. — 46996-97 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $23^h 51^m$ | 81°13′ |
| 56 | 10-18 | | 41″,1 G |
| | | III. | |
| | | $23^h 52^m$ | 81°8′ |
| 74 | 10-27 | $25^s,30$ G | 41″,3 G |
| 79 | 10-30 | 25,37 G | 42,2 G |

### 34556 P. — 47003 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $23^h 51^m$ | 44°21′ |
| 66 | 12- 8 | $40^s,11$ M | 59″,8 M |
| | | III. | |
| | | $23^h 52^m$ | 44°16′ |
| 80 | 10-24 | $25^s,41$ G | 58″,7 G |

### 34557 P. — 47004 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $23^h 52^m$ | 45°48′ |
| 81 | 10-30 | $26^s,88$ G | 0″,8 G |

### 34558 P. — 47027 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $23^h 52^m$ | 51°35′ |
| 81 | 11- 4 | | 1″,3 J |

### 34559 P. — 47005 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $23^h 52^m$ | 86°25′ |
| 74 | 11- 3 | $32^s,10$ G | 20″,5 G |
| | 11- 5 | 32,19 G | |

### 34560 P. — 47007 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $23^h 51^m$ | 102°42′ |
| 54 | 8-29[1] | $51^s,12$ G | |
| 58 | 10- 8 | | 55″,7 G |

[1] 𝒜 dim. de $0^s,68$ : err. de $1^s$ sur les deux premiers fils.

### 34561 P. — 47012-13 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $23^h 51^m$ | 35°6′ |
| 40 | 2- 8 I | $10^s,20$ G | 27″,5 F |
| | 10-10[1] | 10,52 G | 25,9 F |
| | 10-13 | 10,40 G | |
| 46 | 9-17 | 10,28 G | |
| 48 | 10-11 | 10,32 G | |
| | 10-13[1] | | 30,2 G |

[1] Observations faites près du zénith sans indication de la position de l'observateur. On n'a pas tenu compte de la valeur de l'équation personnelle dans la réduction de la distance polaire.

### 34562 P. — 47009 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $23^h 52^m$ | 46°7′ |
| 81 | 11-12 | $40^s,54$ G | 54″,5 G |

### 34563 P. — 47016 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $23^h 52^m$ | 81°24′ |
| 56 | 10-19 | | 26″,7 G |

### 34564 P. — 11831 Rümker.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $23^h 51^m$ | 25°58′ |
| 38 | 11-15 | $21^s,53$ G | 13″,5 F |
| | 11-25 | 21,44 G | 15,3 F |
| 39 | 8-24 | | 19,4 F |

### 34565 P. — 47018 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $23^h 51^m$ | 37°17′ |
| 40 | 2-11 I | $21^s,97$ G | 59″,3 F |
| | 10- 6 | 22,05 G | |
| | 10-10[1] | | 53,9 F |

[1] Observation faite près du zénith sans indication de la position de l'observateur. On n'a pas tenu compte de la valeur de l'équation personnelle dans le calcul de la distance polaire.

### 34566 P. — 47017 L.

**28 ω Poissons.**

Étoile fondamentale.

### 34567 P. — 47019 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $23^h 52^m$ | 63°30′ |
| 58 | 10-17 | $9^s,40$ G | 31″,8 G |

### 34568 P. — 47025 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | II. | |
| | | $23^h 52^m$ | 70°21′ |
| 56 | 9- 8 | $17^s,62$ G | |
| 58 | 1- 7 | | 52″,6 G |

### 34569 P. — 47028-29 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $23^h 51^m$ | 93°42′ |
| 41 | 9-11 | | 25″,6 F |
| | 9-20 | $34^s,61$ G | |
| 42 | 10-11 | 34,67 G | |
| | 10-13 | 34,63 G | 24,7 F |
| | 10-14 | 34,37 G | |
| | 10-15 | 34,58 G | |
| | | II. | |
| | | $23^h 52^m$ | 93°37′ |
| 56 | 11- 5 | | 23″,8 G |
| | | III. | |
| | | $23^h 53^m$ | 93°32′ |
| 80 | 10-18 | $6^s,75$ M | 24″,4 M |
| 81 | 10-31 | 6,78 M | 24,8 M |
| | 11-20 | 7,08 M | 23,9 M |

### 34570 P. — 47032 et 34 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $23^h 53^m$ | 56°58′ |
| 74 | 11- 5 | $7^s,41$ M | 5″,9 M |
| 79 | 11-15 | 7,45 G | 5,8 G |

### 34571 P. — 47036 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | III. | |
| | | $23^h 53^m$ | 61°38′ |
| 81 | 10-19[1] | $12^s,89$ J | 15″,6 J |

[1] 𝒜 augmentée de $1^m$ : erreur de transcr.

### 34572 P. — 47037 L.

| A. | M. J. | 𝒜. | 𝒫. |
|---|---|---|---|
| | | I. | |
| | | $23^h 51^m$ | 96°45′ |
| 39 | 9-10 | $43^s,49$ G | |
| | 9-11 | 43,52 G | |
| | 9-19 | 43,46 G | |
| | 9-21 | 43,56 G | |
| | 10- 8 | 43,51 G | |
| | 10-13 | 43,50 G | |
| | 11- 8 | 43,51 G | |
| | 11- 9 | 43,50 G | 12″,0 F |
| 41 | 10-11 | 43,62 G | |
| | 10-12 | 43,68 G | 14,3 F |
| 49 | 10-18 | 43,77 G | |
| | 10-19 | 43,69 G | |
| | | II. | |
| | | $23^h 52^m$ | 96°40′ |
| 56 | 11- 3 | | 11″,9 G |
| 61 | 9-28 | | 11,5 G |
| | 10-26 | $29^s,53$ G | 14,1 G |
| | | III. | |
| | | $23^h 53^m$ | 96°35′ |
| 79 | 11- 9 | $15^s,85$ J | 13″,6 J |

Dates 1800 + / Positions moyennes pour les époques du Catal.

### 34573 P. — 47040 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 23h52m | 79°25′ |
| 58 10- 5 | | 6″,1 G |

### 34574 P. — 47041 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | I. | |
| | 23h51m | 91°8′ |
| 41 10-20 | | 32″,7 F |
| | II. | |
| | 23h52m | 91°3′ |
| 55 12-13 | 36s,34 G | |

### 34575 P. — 47045 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 23h52m | 84°6′ |
| 56 9-26 | | 31″,0 G |
| 58 11- 4 | | 30,6 G |

### 34576 P. — 47044 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | I. | |
| | 23h51m | 79°35′ |
| 52 10-31 | 52s,24 G | |
| 12-11 | 52,29 G | |

### 34577 P. — 47046 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | III. | |
| | 23h53m | 63°44′ |
| 80 9-30 | 27s,10 J | 49″,9 J |

### 34578 P. — 47043 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 23h52m | 113°12′ |
| 58 11-10 | | 34″,5 F |
| | III. | |
| | 23h53m | 113°7′ |
| 81 9-27 | 27s,45 M | 29″,9 M |

### 34579 P. — 47048 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 23h52m | 84°49′ |
| 57 9-21 | 44s,02 G | |
| | III. | |
| | 23h53m | 84°44′ |
| 71 10-16 | 30s,06 M | 15″,6 M |
| 72 10-25 | | 18,0 G |

### 34580 P. — 47049 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 23h52m | 51°55′ |
| 67 10-25 | | 12″,9 G |

### 34581 P. — 3194 Br.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | I. | |
| | 23h52m | 4°9′ |
| 43 9- 8 | 25s,10 G | |
| 47 5-14 I | | 23″,0 G |
| 52 12-10 I | | 22,5 F |
| 12-11 | | 21,9 G |
| 12-11 I | | 23,1 G |
| 12-11 I | | 22,6 F |
| 12-13 I | | 25,9 F |
| 12-17 | | 24,1 F |
| 12-18 | | 22,0 G |
| 12-19 | | 22,2 F |
| 12-20 I | | 21,9 F |
| 12-28 | | 21,6 F |
| 12-28 I | | 21,9 G |
| 53 1- 8 | | 22,3 F |
| 1- 8 I | | 23,2 F |
| 1-10 I | | 23,1 F |
| 5-10 I | | 22,6 F |
| 10-13 | | 23,9 F |
| 10-25 | | 22,9 F |
| 11- 1 | | 22,9 F |
| 11- 3 | | 25,1 F |
| | II. | |
| | 23h53m | 4°4′ |
| 54 1- 8 | 3s,11 G | |

### 34582 P. — 47052 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 23h53m | 54°11′ |
| 59 11-19 | | 40″,3 G |
| 66 10-17 | 0s,20 G | |

### 34583 P. — 47053 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 23h53m | 43°50′ |
| 67 9-28 | 1s,26 M | 21″,3 M |

### 34584 P. — 47054 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | I. | |
| | 23h52m | 82°51′ |
| 40 11-27 | | 21″,7 F |
| 41 12- 7 | 19s,35 G | |
| | II. | |
| | 23h53m | 82°46′ |
| 57 10-20 | 5s,42 G | 19″,5 G |
| | III. | |
| | 23h53m | 82°41′ |
| 73 10-28 | 51s,51 M | |
| 74 10- 8 | | 20″,4 G |
| 10-10 | 51,46 G | 18,8 G |

### 34585 P. — 47056 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 23h53m | 77°28′ |
| 58 9-11 | | 2″,4 G |

### 34585 P. (suite).

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | III. | |
| | 23h53m | 77°23′ |
| 80 10- 9 | 53s,71 M | 3″,2 M |
| 10-24 | 53,74 M | 4,4 M |
| 81 10- 5 | 53,88 M | 5,0 M |

### 34586 P. — 47057 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 23h53m | 101°14′ |
| 59 9-11 | | 34″,1 G |
| | III. | |
| | 23h53m | 101°9′ |
| 81 10-18 | 59s,23 M | 33″,8 M |

### 34587 P. — 47059 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | I. | |
| | 23h52m | 88°11′ |
| 40 10-31 | | 16″,3 F |
| | III. | |
| | 23h53m | 88°1′ |
| 74 10-28 | 59s,51 G | 14″,5 G |
| 81 10-19 | 59,38 M | 14,7 M |
| 11-12 | 59,41 M | 14,7 M |

### 34588 P. — 47058 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 23h53m | 107°28′ |
| 58 10- 6 | | 29″,7 G |
| 67 10-21 | 14s,32 M | 31,5 M |

### 34589 P. — 47060 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | I. | |
| | 23h52m | 63°56′ |
| 53 1- 8 | 28s,37 G | |
| | II. | |
| | 23h53m | 63°51′ |
| 57 10- 1 | | 33″,1 G |
| 58 1- 6 | | 32,5 G |
| 11-22 | | 32,7 G |
| 62 9-19 | 14s,54 G | |

### 34590 P. — 47061-62 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 23h53m | 48°38′ |
| 58 11-28 | 15s,48 G | |

### 34591 P. — 47063 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | III. | |
| | 23h54m | 59°28′ |
| 73 10- 8 | 4s,08 G | 7″,0 G |

### 34592 P. — 47069 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | III. | |
| | 23h54m | 62°1′ |
| 74 10-13 | 6s,59 M | 7″,5 M |
| 75 10- 8 | 6,58 M | 8,3 M |

### 34593 P. — 47068 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 23h53m | 64°56′ |
| 58 8- 8 | | 3″,4 G |
| 62 9-20 | 20s,75 G | 3,0 G |

### 34594 P. — 47064 et 66 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | I. | |
| | 23h52m | 94°10′ |
| 41 8-18 | 35s,09 G | |
| 8-20 | 35,18 G | |
| 45 9-24 | 35,24 G | |
| 9-26 | 35,19 G | |
| 10- 5 | 35,24 G | |
| 47 10-15 | 35,29 G | |
| 11-12 | 35,27 G | |

### 34595 P. — 47067 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | III. | |
| | 23h54m | 82°13′ |
| 73 11- 3[1] | 7s,80 M | |

[1] Indiquée à tort comme 47059 L. (dist. des fils). Le cahier-minute porte d'ailleurs $\star$ 𝒫 = 82° 13′.

### 34596 P. — 4914 A + 37°

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 23h53m | 52°55′ |
| 66 10-16[1] | 26s,68 G | |

[1] Erreur de 1° dans le calage, l'étoile est désignée comme 47072 L., mais la réduction fil à fil donne une décl. de 37′ environ.

### 34597 P. — 47072 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | III. | |
| | 23h54m | 54°1′ |
| 81 10-29 | 12s,56 J | 34″,0 J |

### 34598 P. — 47073 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 23h53m | 67°14′ |
| 58 11- 1 | 37s,66 G | 26″,8 G |

### 34599 P. — 47074 L.

| A. M. J. | 𝒜 | 𝒫 |
|---|---|---|
| | II. | |
| | 23h53m | 103°36′ |
| 58 10- 8 | | 13″,8 G |

### 34599 P. (suite).

| Dates 1800 + A. M. J. | Positions moyennes pour les époques du Catal. Æ | 𝒫 |
|---|---|---|
| | III. | |
| | $23^h 54^m$ | 103°31′ |
| 79 10-11 | $26^s,61$ M | $15'',0$ M |

### 34600 P. — 47078 L.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | III. | |
| | $23^h 54^m$ | 53°54′ |
| 81 10-31 | $27^s,03$ J | $54'',6$ J |

### 34601 P. — 47079-80 L.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | II. | |
| | $23^h 53^m$ | 72°54′ |
| 58 8-26 | $46^s,11$ G | $42'',1$ G |
| 10-11 | 46,23 G | 41,8 G |
| 10-15 | 45,92 G | 42,2 G |

### 34602 P. — 47081 L.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | III. | |
| | $23^h 54^m$ | 61°33′ |
| 80 10-24 | $32^s,23$ J | $13'',1$ J |

### 34603 P. — 1099 $W_1$.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | I. | |
| | $23^h 53^m$ | 95°47′ |
| 48 10-25 | $3^s,86$ G | |
| 10-26 | 3,73 G | $18'',1$ G |
| 10-27 | 3,83 G | |

### 34604 P. — 47083 à 85 L.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | II. | |
| | $23^h 53^m$ | 96°36′ |
| 55 9-26 | $52^s,38$ G | |
| 57 8-13 | 52,27 G | |
| 10-13 | 52,17 G | $49'',2$ G |
| 62 9-22 | | 52,3 G |
| | III. | |
| | $23^h 54^m$ | 96°31′ |
| 75 11-2 | $38^s,43$ M | $49'',5$ G |

### 34605 P. — 47086, 88 et 89 L.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | I. | |
| | $23^h 53^m$ | 96°44′ |
| 39 10-8 | $11^s,00$ G | |
| 41 10-11 | 10,95 G | |
| | II. | |
| | $23^h 53^m$ | 96°39′ |
| 55 9-8 | $56^s,96$ G | |
| 57 8-13 | 56,97 G | |
| 10-13 | 56,83 G | |
| 58 9-11 | | $11'',3$ F |
| 11-3 | 57,04 G | |
| 62 9-22 | 56,87 G | 14,0 G |

### 34606 P. — 47090-91 L.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | II. | |
| | $23^h 53^m$ | 90°51′ |
| 56 10-14 | | $10'',0$ G |

### 34607 P. — 3695 Carrington.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | I. | |
| | $23^h 53^m$ | 4°11′ |
| 43 9-8 | $34^s,81$ G | |

### 34608 P. — 47098 L.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | I. | |
| | $23^h 53^m$ | 84°4′ |
| 41 10-20 | $27^s,19$ G | |
| 12-7 | 27,15 G | |
| 42 10-17 | 27,23 G | |
| 44 9-26 | 27,06 G | |
| 9-27 [1] | 27,15 G | |
| | II. | |
| | $23^h 54^m$ | 83°59′ |
| 55 10-21 | | $13'',8$ G |
| 11-11 | $13^s,27$ G | 15,9 G |
| 56 9-1 | | 15,7 G |
| 58 9-13 [2] | 13,02 G | 16,2 G |
| 10-21 | 13,14 G | |
| 11-10 | 13,03 G | |
| 11-11 | 13,26 G | |
| 12-3 | 13,34 G | |
| | III. | |
| | $23^h 54^m$ | 83°54′ |
| 74 10-27 [3] | $59^s,07$ G | $15'',4$ G |
| 11-3 | 59,02 G | 16,5 G |
| 11-5 | 59,23 G | 14,6 G |

[1] Erreur de 1° dans la déclinaison approchée inscrite.

[2] Æ diminuée de $1^m$ : erreur de transcription.

[3] Æ augm. de $0^s,33$ : err. de $1^s$ sur deux fils.

### 34609 P. — 47102-03 L.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | II. | |
| | $23^h 54^m$ | 60°2′ |
| 58 10-29 | | $31'',0$ G |
| 11-22 | $20^s,08$ G | 30,3 G |
| | III. | |
| | $23^h 55^m$ | 59°57′ |
| 71 11-7 | $5^s,80$ G | $31'',3$ G |
| 11-20 | 5,65 G | |
| 74 9-8 | 5,72 G | |
| 10-16 | 5,77 G | 28,3 G |
| 10-20 | 5,90 M | 32,3 M |
| 10-26 | 5,77 G | 31,6 G |

### 34610 P. — 47104 L.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | III. | |
| | $23^h 55^m$ | 46°1′ |
| 81 10-15 | $10^s,86$ G | $11'',2$ G |

### 34611 P. — 47070 et 105 L.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | II. | |
| | $23^h 54^m$ | 62°21′ |
| 57 12-24 | $25^s,90$ G | $15'',7$ G |
| 58 8-30 | | 16,6 G |
| | III. | |
| | $23^h 55^m$ | 62°16′ |
| 79 10-20 | $11^s,67$ G | $16'',0$ G |
| 10-27 | 11,89 G | 16,2 G |
| 80 10-30 | 11,78 J | 16,2 J |
| 81 10-31 | 11,79 J | 16,3 J |

### 34612 P. — 47110 L.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | I. | |
| | $23^h 53^m$ | 29°38′ |
| 39 9-15 | $44^s,29$ G | |
| 9-18 | 44,45 G | |
| 9-19 | 44,42 G | |
| 11-8 | 44,87 G | |
| 47 4-51 | 44,48 G | |
| 49 3-51 | 44,39 G | |
| 52 12-8 | | $24'',7$ G |
| | II. | |
| | $23^h 54^m$ | 29°33′ |
| 64 1-2 | | $24'',1$ G |
| 1-4 | | 24,0 G |
| 1-6 | | 24,0 G |
| 1-7 | | 23,9 G |
| 10-20 | | 24,1 G |

### 34613 P. — 47108-09 L.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | II. | |
| | $23^h 54^m$ | 90°59′ |
| 56 9-25 | $32^s,00$ G | $34'',8$ G |
| | III. | |
| | $23^h 55^m$ | 90°54′ |
| 79 9-30 | $18^s,13$ M | $36'',6$ M |

### 34614 P. — 47094 L.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | II. | |
| | $23^h 54^m$ | 66°31′ |
| 57 10-24 | $32^s,94$ G | $30'',3$ G |
| | III. | |
| | $23^h 55^m$ | 66°26′ |
| 79 10-30 | $19^s,04$ G | $29'',7$ G |
| 11-9 | 18,93 G | 29,9 G |

### 34615 P. — 47107 L.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | I. | |
| | $23^h 53^m$ | 107°23′ |
| 40 10-13 | $46^s,93$ G | |
| | II. | |
| | $23^h 54^m$ | 107°18′ |
| 54 12-2 | | $46'',0$ G |
| 58 10-30 | $33^s,33$ G | 43,2 G |

### 34616 P. — 47113-14 L.

| A. M. J. | Æ | 𝒫 |
|---|---|---|
| | I. | |
| | $23^h 53^m$ | 93°53′ |
| 37 1-15 | $52^s,84$ G | |
| 9-8 | 52,78 G | $25'',5$ F |
| 9-11 | 52,97 G | 24,1 F |
| 9-16 | | 25,9 F |
| 9-19 | 52,82 G | 25,5 F |
| 9-20 | 52,89 G | 23,8 F |
| 9-22 | 52,77 G | |
| 9-23 | 52,84 G | 24,8 F |
| 10-4 | 52,81 G | |
| 10-9 | 52,76 G | |
| 10-10 | 52,96 G | |
| 10-11 | 52,73 G | 24,1 F |
| 10-12 | 52,89 G | |
| 38 8-13 | 52,77 G | |
| 8-15 | 52,83 G | |
| 10-2 | 52,75 G | |
| 10-3 | 52,95 G | 26,6 F |
| 10-29 | 52,79 G | 25,6 F |
| 10-30 | 52,94 G | |
| 11-25 | 52,80 G | |
| 11-26 | 52,96 G | 26,0 F |
| 39 12-6 | 53,10 G | |
| 12-14 | 53,14 G | |
| 40 11-27 | | 25,2 F |
| 41 8-18 | 52,76 G | |
| 8-20 | 52,72 G | |
| 9-10 | 52,75 G | 23,7 F |
| 9-11 | 52,88 G | 26,2 F |
| 9-20 | 52,87 G | |
| 10-20 | | 26,0 F |
| 10-21 | 53,10 G | |
| 42 9-13 | 52,95 G | 25,3 F |
| 10-6 [1] | 52,85 G | 24,0 F |
| 46 8-26 | 52,93 G | |
| 9-5 | 52,80 G | |
| 9-6 | 52,90 G | 23,2 G |
| 9-12 | 52,79 G | |
| 9-22 | 52,81 G | |
| 10-20 | 52,76 G | |
| 10-21 | 52,84 G | |
| 10-23 | 52,85 G | |
| 11-4 | 52,84 G | |
| 11-19 | 52,81 G | |
| 47 1-5 | 52,84 G | |
| 48 10-5 | 52,79 G | |
| 49 9-25 | 52,96 G | |
| 9-26 | 52,89 G | |
| 10-17 | 52,87 G | |
| 50 9-21 | 52,66 G | |
| 52 11-18 | 52,88 G | |
| 12-17 | 52,97 G | |
| 53 9-16 | 52,65 G | |
| 9-17 | 52,84 G | |
| 9-18 | 52,83 G | |
| | II. | |
| | $23^h 54^m$ | 93°48′ |
| 55 8-16 | | $22'',3$ G |
| 61 11-2 | $38^s,91$ G | 24,8 G |
| | III. | |
| | $23^h 55^m$ | 93°43′ |
| 69 8-24 | $25^s,26$ M | |
| 74 9-24 | 25,02 M | $23'',2$ M |
| 10-23 | 24,84 M | 27,0 M |

[1] 𝒫 diminuée de 1° : erreur de réduct.

### 34617 P. — 47115 à 17 L.

**30 Poissons.**

Étoile fondamentale.

Dates 1800 + / Positions moyennes pour les époques du Catal.

### 34618 P. — 5236 A + 6°.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23$^h$54$^m$ | 83°20′ |
| 59 10- 2 | 47$^s$,40 G | |
| 10- 3 | 47,02 G | 50",4 G |
| 10- 4 | | 50,2 G |

### 34619 P. — 47119-20 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 23$^h$54$^m$ | 93°37′ |
| 50 12- 3 | 5$^s$,85 G | |
| | II. | |
| | 23$^h$54$^m$ | 93°32′ |
| 56 10- 8 | | 41",9 G |
| 57 10-12 | 52$^s$,03 G | 44,2 G |
| | III. | |
| | 23$^h$55$^m$ | 93°27′ |
| 79 10-27 | 38$^s$,11 J | 43",5 J |

### 34620 P. — 47118 L

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 23$^h$54$^m$ | 63°44′ |
| 49 10-18 | 5$^s$,47 G | |
| 10-19 | 5,47 G | |
| | II. | |
| | 23$^h$54$^m$ | 63°39′ |
| 58 9-15 | 51$^s$,59 G | |
| 60 11-10 | 51,85 G | 33",2 G |
| 62 9-18 | 51,88 G | 34,1 G |
| 63 9-19 | 52,01 G | |
| 10-16 | 51,99 G | |
| 10-23 | 51,89 G | |
| 11-18 | 52,04 G | |
| 11-19 | 52,03 G | |
| 11-20 | 52,05 G | |
| 64 9-21 | 52,05 G | |
| 9-26 | 52,08 G | |
| 9-29 | 52,05 G | |
| 9-30 | 52,08 G | |
| 10- 1 | 52,24 G | |
| 11- 3 | 52,08 G | |
| 11- 4 | 52,10 G | |
| 11- 8 | 52,11 G | |
| 65 10-23 | 52,22 G | |
| 10-30 | 52,22 G | |
| 11- 1 | 52,19 G | |
| 11-12 | 52,06 G | |
| | III. | |
| | 23$^h$55$^m$ | 63°34′ |
| 71 10-23 | 38$^s$,52 G | 42",9 G |
| 12- 2 | 38,45 G | |

### 34621 P. — 47122 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23$^h$54$^m$ | 51°35′ |
| 59 11-19 | | 46",5 G |
| 62 10- 1 | 57$^s$,14 G | 45,1 G |

### 34622 P. — 47121 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 23$^h$55$^m$ | 46°9′ |
| 80 11- 8 | 43$^s$,62 G | 47",9 G |
| 81 11- 9 | 43,83 G | 48,5 G |

### 34623 P. — 5751 Sf. — 3°.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23$^h$54$^m$ | 93°35′ |
| 57 10-12 | 58$^s$,09 G | |

### 34624 P. — 1166-67 $W_2$.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23$^h$55$^m$ | 48°39′ |
| 58 11-28 [1] | 0$^s$,38 G | |

[1] 𝒜 diminuée de 0$^s$,20 : erreur de 1$^s$ sur un fil.

### 34625 P. — 47128 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 23$^h$54$^m$ | 41°5′ |
| 43 10- 5 | 18$^s$,25 G | |

### 34626 P. — 47123 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23$^h$55$^m$ | 104°11′ |
| 58 9- 9 | 3$^s$,70 G | 17",1 G |
| 11-30 | 3,67 G | 17,0 G |

### 34627 P. — 47124 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23$^h$55$^m$ | 117°54′ |
| 58 9-25 | 4$^s$,20 G | 55",7 G |

### 34628 P. — 47129 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23$^h$55$^m$ | 99°57′ |
| 55 10- 6 | 6$^s$,49 G | 15",0 G |
| 59 9-11 | | 13,4 G |
| | III. | |
| | 23$^h$55$^m$ | 99°52′ |
| 79 11- 9 | 52$^s$,69 J | 14",2 J |

### 34629 P. — 47130 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23$^h$55$^m$ | 62°35′ |
| 58 10-17 | 7$^s$,63 G | 28",9 G |
| 10-19 | 7,51 G | 27,3 G |
| 10-29 | 7,91 G | 28,4 G |

### 34630 P. — 1126 $W_1$.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23$^h$55$^m$ | 104°12′ |
| 58 9- 9 | 9$^s$,63 G | |
| 11-30 | 9,57 G | |

### 34631 P. — 47134 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23$^h$55$^m$ | 55°56′ |
| 66 10- 8 | | 18",4 G |
| 67 11- 8 | | 18,7 G |
| | III. | |
| | 23$^h$55$^m$ | 55°51′ |
| 73 10-13 | 58$^s$,21 G | 17",7 G |
| 10-28 | 58,40 G | 18,1 G |
| 80 9- 1 | 58,61 G | |

### 34632 P. — 47133 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23$^h$55$^m$ | 84°26′ |
| 57 9-20 | 13$^s$,60 G | 38",9 G |
| | III. | |
| | 23$^h$55$^m$ | 84°21′ |
| 81 10-31 | 59$^s$,94 M | 40",5 M |
| 11-12 | 59,89 M | 41,7 M |

### 34633 P. — 47135-36 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 23$^h$54$^m$ | 81°54′ |
| 49 10- 9 | 28$^s$,00 G | |
| 10-10 | 28,02 G | |
| 10-16 | 28,06 G | |
| | II. | |
| | 23$^h$56$^m$ | 81°49′ |
| 56 9-23 | | 20",7 G |
| 57 9-25 | 14$^s$,00 G | |
| 10- 2 | 13,93 G | 21,8 G |
| 58 11- 4 | | 21,3 G |
| | III. | |
| | 23$^h$56$^m$ | 81°44′ |
| 69 10- 1 | | 19",1 G |

### 34634 P. — 47141 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23$^h$55$^m$ | 43°21′ |
| 67 11-28 | 20$^s$,68 M | 20",2 M |

### 34635 P. — 47138-39 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 23$^h$54$^m$ | 82°22′ |
| 39 9-21 | 34$^s$,52 G | |
| 9-23 | 34,55 G | |
| 40 10-29 | 34,68 G | |
| 46 10-13 | 34,54 G | |

### 34635 P. (suite).

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23$^h$55$^m$ | 82°17′ |
| 55 10-19 | 20$^s$,65 G | 31",6 G |
| 58 8-27 | 20,36 G | 33,7 G |
| 61 11- 1 | 20,43 G | |

### 34636 P. — 1174 $W_2$.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23$^h$55$^m$ | 48°37′ |
| 58 11-28 | 22$^s$,76 G | |

### 34637 P. — 47140 et 42 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23$^h$55$^m$ | 74°31′ |
| 57 11-12 | | 23",2 G |
| 58 9-12 | | 23,4 G |
| | III. | |
| | 23$^h$56$^m$ | 74°26′ |
| 79 11-15 | 8$^s$,74 G | 23",5 G |
| 81 9-27 | 8,48 M | 22,6 M |

### 34638 P. — 47146 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 23$^h$56$^m$ | 39°13′ |
| 81 10-19 | 15$^s$,63 G | 24",6 G |
| 10-30 | 15,87 G | 22,5 G |

### 34639 P. — 47145 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23$^h$55$^m$ | 62°14′ |
| 58 11-11 | | 13",9 G |
| 61 10-18 | | 14,3 G |
| 62 9-17 | 30$^s$,98 G | 15,5 G |
| 9-25 | 30,94 G | 14,1 G |

### 34640 P. — 47147 L.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23$^h$55$^m$ | 84°44′ |
| 56 10- 5 | | 38",3 G |
| 57 10-20 | 35$^s$,32 G | 39,1 G |
| | III. | |
| | 23$^h$56$^m$ | 84°39′ |
| 74 10-28 | 21$^s$,27 G | |

### 34641 P. — 3203 Br.

| A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 23$^h$54$^m$ | 7°53′ |
| 53 4-29 I | 54$^s$,45 G | |
| 5-10 I | 55,03 G | |
| 5-13 I | 54,60 G | |
| 5-14 I | 54,42 G | |
| 5-19 I | 55,09 G | |
| 9-20 | 54,60 G | |
| 10- 8 | 54,83 G | |
| 10-13 | 55,43 G | |
| 10-20 | 55,00 G | |

Dates 1800 + (A. M. J.) — Positions moyennes pour les époques du Catal. (Æ, D)

**34642 P. — 47150 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 23h 55m | 54°57′ |
| 59 11-18 | | 49″,0 G |
| 62 9-11 | 35s,88 G | |
| 9-15 | 36,17 G | 50,7 G |
| 66 9-17 | 36,01 G | |
| 9-26 | | 49,5 G |
| 67 11- 6 | | 50,9 G |

**34643 P. — 47148 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 23h 55m | 88°38′ |
| 57 9-19 | 36s,33 G | |
| 61 10-26 | 36,28 G | 46″,3 G |
| | III. | |
| | 23h 56m | 88°33′ |
| 72 11- 7 | 22s,32 G | 46″,9 G |

**34644 P. — 47152 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 23h 55m | 62°31′ |
| 57 10- 1 | | 40″,3 G |
| 58 10- 2 | 39s,97 G | 40,4 G |
| 10-17 | 40,20 G | |
| 10-19 | 40,09 G | |
| 59 11-13 | | 40,2 G |

**34645 P. — 47153-54 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | III. | |
| | 23h 56m | 60°21′ |
| 71 10-14 | 26s,87 G | 34″,8 G |
| 11-17 | 27,11 G | |
| 74 10-10 | 27,09 G | 36,1 G |
| 10-13 | 27,17 G | 34,2 G |
| 10-16 | 27,26 M | 36,2 M |

**34646 P. — 47155 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | III. | |
| | 23h 56m | 43°26′ |
| 80 11- 9 | 27s,21 G | 35″,7 G |
| 11-25 | 27,39 G | 35,3 G |

**34647 P. — 47156-57 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 23h 55m | 110°49′ |
| 55 9- 7 | | 43″,1 G |
| 58 10-31 | 46s,02 G | 43,6 G |
| | III. | |
| | 23h 56m | 110°44′ |
| 79 11-12 | 32s,30 J | 41″,5 J |

**34648 P. — 47158 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | I. | |
| | 23h 55m | 91°45′ |
| 45 9-24 | 0s,51 G | |
| 9-26 | 0,54 G | |

**34649 P. — 47160 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 23h 55m | 82°30′ |
| 56 10-18 | | 23″,8 G |
| 58 11-10 | | 25,4 G |
| 60 11- 2 | 54s,20 G | |
| 62 12-10 | 53,80 G | 24,4 G |
| | III. | |
| | 23h 56m | 82°25′ |
| 71 10-12 | 39s,80 M | 24″,3 M |
| 10-16 | 39,78 M | 25,5 M |

**34650 P. — 47163 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | III. | |
| | 23h 56m | 38°13′ |
| 81 9-27 [1] | 41s,89 G | 55″,2 G |
| 10-18 | | 49,5 G |

[1] D non comprise dans la moyenne.

**34651 P. — 47165-66 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | III. | |
| | 23h 56m | 47°56′ |
| 80 10-11 | 43s,77 G | |
| 10-18 | 43,68 G | 53″,1 G |
| 10-25 | 44,04 G | 51,5 G |

**34652 P. — 47167-68 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 23h 56m | 73°13′ |
| 58 1- 7 | | 29″,3 G |
| 60 10-24 | 2s,63 G | 30,1 G |
| | III. | |
| | 23h 56m | 73°8′ |
| 81 10-18 | 48s,66 M | 30″,6 M |

**34653 P. — 841 A + 81°.**

| A. M. J. | Æ | D |
|---|---|---|
| | I. | |
| | 23h 55m | 8°12′ |
| 52 12-28 [1] | 25s,46 G | |

[1] La décl. indiquée est +82°5′, mais la réduction fil à fil donne +81°50′.

**34654 P. — 4756 A + 32°.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 23h 56m | 57°55′ |
| 62 9-11 | | 58″,8 G |

**34655 P. — 47169 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 23h 56m | 102°43′ |
| 54 8-25 | 10s,26 G | |
| 58 10- 6 | | 19″,7 G |
| 10- 8 | | 22,0 G |
| 12- 1 | 10,34 G | 20,6 G |

**34656 P. — 47170 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | I. | |
| | 23h 55m | 95°0′ |
| 46 8-26 | 24s,35 G | |
| | II. | |
| | 23h 56m | 94°55′ |
| 57 10-16 | 10s,47 G | 29″,8 G |
| 11-11 | 10,46 G | 30,0 G |

**34657 P. — 47171 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 23h 56m | 70°6′ |
| 58 8- 6 | 15s,13 G | |
| 9-11 | | 27″,4 G |
| 9-27 | | 28,2 G |
| 10- 5 | | 27,6 G |
| 10-16 | 14,98 G | 28,6 G |

**34658 P. — 47174 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 23h 56m | 78°25′ |
| 56 9- 8 | 20s,31 G | |
| 9-16 | | 20″,3 G |
| | III. | |
| | 23h 57m | 78°20′ |
| 81 10-19 | 6s,34 M | 21″,1 M |

**34659 P. — 8236 Albany.**

| A. M. J. | Æ | D |
|---|---|---|
| | I. | |
| | 23h 55m | 86°7 |
| 44 9- 1 | 35s,47 G | |

**34660 P. — 47177 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | I. | |
| | 23h 55m | 86°57′ |
| 41 10-20 | | 20″,5 F |
| 12- 7 | 43s,99 G | |
| 42 10- 6 | 44,06 G | |
| | II. | |
| | 23h 56m | 86°52′ |
| 57 9- 9 | 30s,24 G | |
| 9-29 | 30,08 G | 20″,3 G |
| | III. | |
| | 23h 57m | 86°47′ |
| 73 11- 3 | 16s,01 M | |
| 74 10-16 | 15,89 G | 17″,5 G |
| 10-26 | 16,03 G | 19,8 G |
| 10-27 | 15,91 G | 19,5 G |
| 11- 3 | 16,08 G | 20,5 G |
| 11- 5 [1] | 16,11 G | 19,7 G |

[1] D diminuée de 1′.

**34661 P. — 47182 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | III. | |
| | 23h 57m | 42°15′ |
| 68 10-29 | 17s,28 M | 30″,5 M |
| 74 10-13 | 17,32 M | 30,7 M |

**34662 P. — 47179 L.**

2 Baleine.

Étoile fondamentale.

**34663 P. — 13187 $Mn_2$.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 23h 56m | 68°28′ |
| 58 10-15 | 36s,08 G | |

**34664 P. — 47184 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 23h 56m | 119°10′ |
| 55 9- 7 | | 20″,8 G |
| 58 10-30 | 42s,05 G | 20,9 G |

**34665 P. — 47185 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 23h 56m | 68°28′ |
| 58 8- 8 | | 62″,8 G |
| 10-15 | 42s,34 G | 59,3 G |
| | III. | |
| | 23h 57m | 68°24′ |
| 71 11-13 | 28s,38 G | |

**34666 P. — 1217 $W_2$.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 23h 56m | 69°51′ |
| 61 9-18 | | 5″,8 G |
| 9-28 | | 5,3 G |

**34667 P. — 47186 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 23h 56m | 62°47′ |
| 58 11- 1 | 42s,71 G | 55″,7 G |
| | III. | |
| | 23h 57m | 62°42′ |
| 79 10-30 | 28s,96 G | 54″,6 G |

**34668 P. — 47188 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | III. | |
| | 23h 57m | 53°43′ |
| 74 10-24 | 32s,18 M | 35″,2 M |
| 10-28 | 32,12 M | 35,3 M |

**34669 P. — 47189 L.**

| A. M. J. | Æ | D |
|---|---|---|
| | II. | |
| | 23h 56m | 69°49′ |
| 58 10- 1 | | 28″,2 G |
| 60 10- 3 | 47s,81 G | |
| 61 9-18 | | 28,9 G |
| 10- 2 | 47,98 G | 26,9 G |

Dates 1800 + | Positions moyennes pour les époques du Catal.

**34670 P. — 6140 Sf. — 7°.**

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | $23^h56^m$ | 97°51′ |
| 48 10-27 | $5^s$,42 G | |

**34671 P. — 47191 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | $23^h56^m$ | 51°39′ |
| 59 11-19 | | 22″,4 G |
| 62 9-19 | $58^s$,53 G | 21,3 G |
| 9-22 | 58,61 G | 22,2 G |
| 66 10-15 | 58,50 G | |
| III. | $23^h57^m$ | 51°34′ |
| 68 10-29 | $44^s$,53 G | 21″,2 G |

**34672 P. — 47192 et 94 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | $23^h57^m$ | 40°42′ |
| 80 10- 9 | | 27″,7 G |
| 11-16 | | 28,1 G |
| 81 11-11 | | 27,7 G |

**34673 P. — 47195-96 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | $23^h57^m$ | 40°49′ |
| 81 11-11 | $45^s$,48 G | |

**34674 P. — 10929 Y.F.**

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | $23^h56^m$ | 107°23′ |
| 40 10-10 | $23^s$,01 G | |
| 10-13 | 22,92 G | |

**34675 P. — 47198 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | $23^h57^m$ | 68°7′ |
| 71 11- 7 | $55^s$,51 G | 39″,8 G |
| 74 10-24 | 55,50 G | 40,5 G |

**34676 P.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | $23^h57^m$ | 48°41′ (?) |
| 58 11-28 | $19^s$,76 G | |
| 60 10-29 | 19,67 G | |

**34677 P. — 47200 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | $23^h56^m$ | 101°22′ |
| 39 9-10 | $33^s$,88 G | |
| 9-11 | 33,80 G | |
| 10- 8 | 33,86 G | |
| 41 8-18 | 33,86 G | |
| 48 10- 5 | 34,00 G | |

**34677 P. (suite).**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | $23^h57^m$ | 101°17′ |
| 55 10- 6 | $20^s$,03 G | 16″,9 G |
| III. | $23^h58^m$ | 101°12′ |
| 79 10-20 | $6^s$,02 J | 18″,6 J |

**34678 P. — 47201 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | $23^h56^m$ | 97°49′ |
| 48 10-25 | $34^s$,34 G | |
| 10-26 | 34,23 G | 38″,1 G |
| III. | $23^h58^m$ | 97°39′ |
| 75 11- 2 | $6^s$,09 M | 37″,8 M |
| 76 11-10 | 6,28 M | 37,0 M |

**34679 P. — 47202 à 04 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | $23^h57^m$ | 48°41′ |
| 58 11-28 | $26^s$,17 G | |
| 60 10-27[1] | 25,79 G | |
| 10-29 | 25,73 G | 12″,4 G |
| 67 11- 6 | 25,60 M | 10,2 M |
| 11- 7 | 25,61 M | 11,0 M |

[1] Æ augm. de $1^s$ : erreur de moy.

**34680 P. — 1173 $W_1$.**

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | $23^h56^m$ | 87°55′ |
| 42 10-11 | $41^s$,08 G | |
| 10-13 | 41,11 G | 35″,7 F |
| 10-17 | 41,05 G | |

**34681 P. — 47206 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | $23^h57^m$ | 56°30′ |
| 59 9-29 | $29^s$,35 G | 46″,7 G |
| 66 9-28[1] | 29,43 G | 48,1 G |
| 10- 8 | 29,62 G | 46,7 G |
| 67 10-25 | | 50,3 G |
| III. | $23^h58^m$ | 56°25′ |
| 79 10-27 | $15^s$,54 G | 46″,7 G |

[1] D diminuée de 1′.

**34682 P. — 47207 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | $23^h57^m$ | 56°7′ |
| 59 11-18 | | 24″,0 G |
| III. | $23^h58^m$ | 56°2′ |
| 79 11- 9 | | 21″,8 G |

**34683 P. — 47208 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | $23^h57^m$ | 84°15′ |
| 55 12-19 | | 16″,2 G |
| 57 10- 7 | $31^s$,18 G | 16,6 G |
| III. | $23^h58^m$ | 84°10′ |
| 71 10-10 | $17^s$,47 M | 17″,4 M |

**34684 P. — 47205 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | $23^h57^m$ | 73°42′ |
| 57 11-12 | | 33″,5 G |
| 58 9-19 | $31^s$,37 G | |
| 10-11 | 31,49 G | |
| III. | $23^h58^m$ | 73°37′ |
| 79 10- 6 | $17^s$,61 M | 32″,8 M |

**34685 P. — 47209 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | $23^h57^m$ | 89°14′ |
| 58 11-11 | | 30″,4 G |
| III. | $23^h58^m$ | 89°9′ |
| 73 10-28 | $22^s$,24 M | |
| 74 10-28 | 22,29 G | 30″,7 G |
| 75 10- 8 | 22,33 M | 30,4 M |

**34686 P. — 47210 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | $23^h57^m$ | 51°59′ |
| 66 10-17 | | 33″,5 G |
| III. | $23^h58^m$ | 51°54′ |
| 73 11-13 | $24^s$,84 G | 34″,3 G |
| 74 10-13 | 24,80 G | 32,8 G |
| 10-20 | 24,80 G | 34,1 G |
| 11- 5 | 24,83 M | 33,6 M |
| 79 9-27 | | 35,5 G |
| 80 10- 9 | 24,75 M | 33,6 M |
| 10-24 | 24,97 M | 35,3 M |

**34687 P. — 47212-13 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | $23^h57^m$ | 60°41′ |
| 58 10-20 | $40^s$,52 G | 32″,7 G |
| 59 11-21 | 40,56 G | 33,5 G |
| III. | $23^h58^m$ | 60°36′ |
| 71 11- 5 | $26^s$,30 G | |

**34688 P. — 3207 Br.**

| A. M. J. | Æ. | D. |
|---|---|---|
| I. | $23^h56^m$ | 32°19′ |
| 47 5-51 | $56^s$,99 G | |

**34689 P. — 47214 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | $23^h57^m$ | 64°7′ |
| 57 10- 1 | | 48″,8 G |
| 58 1- 6 | | 47,9 G |
| 1- 7 | $44^s$,05 G | |
| 9-15 | 44,12 G | |

**34690 P. — 47215 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | $23^h58^m$ | 45°1′ |
| 81 10-15 | $32^s$,04 G | 12″,7 G |
| 11-12 | 31,85 G | 11,7 G |
| 11-28 | 31,76 G | 12,1 G |

**34691 P. — 9984 Sj.**

| A. M. J. | Æ. | D. |
|---|---|---|
| III. | $23^h58^m$ | 97°58′ |
| 73 11-27 | $32^s$,53 M | 21″,2 M |
| 79 10-26[1] | 32,41 J | 21,9 J |

[1] Æ augmentée de $0^s$,50 : erreur de $1^s$ sur trois fils.

**34692 P. — 1255 $W_2$.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | $23^h57^m$ | 64°3′ |
| 58 9-15 | $47^s$,27 G | |

**34693 P. — 47216 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | $23^h57^m$ | 63°6′ |
| 58 10-29 | $49^s$,31 G | 15″,8 G |
| 11- 9 | 49,53 G | |
| III. | $23^h58^m$ | 63°1′ |
| 79 11-15 | $35^s$,77 G | 15″,2 G |

**34694 P. — 47218 L.**

| A. M. J. | Æ. | D. |
|---|---|---|
| II. | $23^h57^m$ | 29°27′ |
| 63 9-27 | | 56″,2 G |
| 64 1- 2 | | 57,0 G |
| 1- 4 | | 57,0 G |
| 1- 6 | | 55,9 G |
| 1- 7 | | 56,2 G |
| 10-20 | | 56,4 G |

### 34695 P. — 47217 L.

| Dates 1800+ A. M. J. | Positions moyennes pour les époques du Catal. 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 23h 57m | 91°21′ |
| 38 10- 2 | 7s,01 G | |
| 39 9-15 | 7,04 G | |
| 9-18 | 6,99 G | |
| 9-19 | 6,91 G | |
| 9-23 | 7,08 G | |
| 11- 9 | 7,07 G | 49",1 F |
| 41 9-10 | 7,09 G | 50,1 F |
| 9-11 | 7,19 G | 50,9 F |
| 9-20 | 7,24 G | |
| | II. | |
| | 23h 57m | 91°16′ |
| 57 10- 2[1] | 53s,17 G | |
| 61 10- 4 | | 50",5 G |
| | III. | |
| | 23h 58m | 91°11′ |
| 76 10- 2 | 39s,29 M | 50",1 M |
| 10- 2 | 39,29 G | 50,4 G |
| 11- 7 | 39,25 G | 50,4 G |
| 79 10-27 | 39,33 J | 50,9 J |
| 10-30 | 39,29 J | 49,7 J |

[1] 𝒜 diminuée de 1m : la minute n'est pas inscrite sur le Cahier de l'observateur.

### 34696 P. — 47220 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h 57m | 45°32′ |
| 67 12- 4 | 58s,59 M | 58",2 M |
| | III. | |
| | 23h 58m | 45°27′ |
| 79 11-19[1] | 44s,51 G | |

[1] 𝒜 diminuée de 1s,20 : erreur de moy. et de 1s sur le fil milieu.

### 34697 P. — 47219 et 21 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h 57m | 60°26′ |
| 58 11- 7 | 58s,89 G | 56",0 G |
| 11-22 | 58,57 G | 56,0 G |
| 59 11-13 | | 57,1 G |
| | III. | |
| | 23h 58m | 60°21′ |
| 71 12- 2 | 44s,71 G | |
| 12- 5 | 44,74 G | |
| 74 9-25 | | 58",1 G |

### 34698 P. — 47222 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h 58m | 92°37′ |
| 55 9-26 | 0s,28 G | 58",2 G |
| 56 11- 3 | | 55,4 G |
| 11- 5 | | 58,5 G |
| 57 8-25 | 0,25 G | |
| 10-13 | 0,16 G | |

### 34699 P. — 47223 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 23h 58m | 56°41′ |
| 80 9-30 | 46s,47 J | 59",0 J |
| 10-10 | 46,38 J | 60,7 J |
| 10-11 | 46,44 J | 59,3 J |
| 81 10-17 | 46,39 J | 59,4 J |
| 10-18 | 46,34 J | 59,6 J |

### 34700 P. — 47224 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 23h 58m | 54°23′ |
| 73 10-13 | 46s,84 G | 30",7 G |
| 79 10- 7 | 46,90 M | 31,6 M |
| 10-11 | 47,02 M | 31,8 M |

### 34701 P. — 1269-70 $W_2$.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 23h 57m | 55°17′ |
| 40 10- 9 | | 24",6 F |

### 34702 P. — 47225 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h 58m | 92°34′ |
| 56 11- 6 | 7s,63 G | 28",0 G |
| 57 8-25 | 7,73 G | |
| 10-13 | 7,68 G | 26,5 G |

### 34703 P. — 47226 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 23h 57m | 82°4′ |
| 41 10-20 | | 21",5 F |
| 12- 7 | 22s,90 G | |
| | III. | |
| | 23h 58m | 81°54′ |
| 71 10-12 | 55s,39 M | 21",2 M |
| 79 9-30 | 55,64 M | 22,4 M |

### 34704 P. — 24727-28 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 23h 57m | 96°34′ |
| 37 8-18 | 24s,03 G | 30",0 F |
| 9-20 | | 30,7 F |
| 38 8-15 | 23,95 G | |
| 10- 2 | | 31,2 F |
| 11-26 | 24,14 G | |
| 39 8-24 | | 29,3 F |
| 12-14 | 24,07 G | |
| 40 10-29 | 24,16 G | |
| 11-26 | 24,09 G | |
| 41 10-19 | 23,95 G | |
| 42 9-13 | 24,06 G | 31,3 F |
| 10- 6 | | 27,7 F |
| 10-26 | 23,90 G | |
| 10-28 | 24,15 G | 27,0 F |
| 46 9-11 | 23,93 G | |
| 9-22 | 24,06 G | |
| 10-13 | 24,06 G | |
| 10-22 | 24,02 G | |

### 34704 P. (suite).

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 23h 57m | 96°34′ |
| 46 10-23 | 24s,06 G | |
| 11- 1 | 23,98 G | |
| 11-20 | 24,06 G | |
| 47 1-10 | 24,06 G | |
| 7-31 | 24,05 G | |
| 48 9-13 | 24,10 G | 27",0 G |
| 10-11 | 23,95 G | |
| 11- 7 | 24,07 G | 27,7 G |
| 11- 7 | | 27,4 F |
| 12- 5 | 24,08 G | |
| 49 8- 7 | 23,98 G | |
| 9-30 | 24,08 G | 29,5 G |
| 10- 1 | 24,02 G | 29,5 G |
| 50 9-21 | 23,96 G | |
| 11-14 | 24,08 G | |
| 51 1- 9 | 24,03 G | |
| 7-17 | 23,99 G | |
| 9-10 | | 28,3 G |
| 9-11 | 24,30 G | |
| 10- 8 | 24,09 G | 26,8 G |
| 52 9-26 | 24,26 G | |
| 12-18 | 24,07 G | |
| 53 8-20 | 24,20 G | |
| 9-16 | 23,89 G | |
| 9-17 | 24,05 G | |
| 9-18 | 24,01 G | |
| 11-10 | 24,15 G | |
| | II. | |
| | 23h 58m | 96°29′ |
| 54 9- 6 | 10s,10 G | |
| 9- 7 | 10,10 G | |
| 10-31 | 10,05 G | |
| 55 9- 8 | | 25",1 G |
| 9-24 | 10,17 G | 27,4 G |
| 9-25 | 9,80 G | 26,7 G |
| 56 1-12 | 10,17 G | 29,0 G |
| 10-12 | 10,25 G | 27,0 G |
| 10-27 | 10,22 G | |
| 11- 5 | 10,19 G | |
| 57 9-15 | | 25,9 G |
| 58 9-11 | | 25,2 F |
| | III. | |
| | 23h 58m | 96°24′ |
| 68 9- 3 | 56s,17 M | 22",4 M |
| 10-28 | 56,07 M | 22,7 M |
| 10-28 | | 22,9 G |
| 75 11-22 | 56,18 M | 24,4 M |
| 76 11- 7 | 56,21 M | 23,4 M |

### 34705 P. — 47230 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 23h 58m | 40°55′ |
| 81 10-16 | 56s,34 G | 26",0 G |
| 10-18 | 56,56 G | 26,0 G |

### 34706 P. — 47229 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 23h 58m | 87°5′ |
| 72 10-29 | 58s,16 G | 24",0 G |
| 74 9- 8 | 58,10 G | 26,1 G |
| 10- 6 | | 23,9 G |
| 10-23 | | 26,0 G |
| 10-31 | 58,08 G | 23,1 G |
| 75 10-23 | 58,38 M | 22,5 M |

### 34707 P. — 47233 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 23h 57m | 94°42′ |
| 46 8-26 | 29s,22 G | |

### 34708 P. — 1272 $W_2$.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h 58m | 68°33′ |
| 58 10-15 | 16s,19 G | 7",1 G |

### 34709 P. — 47234-35 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h 58m | 105°11′ |
| 59 9-11 | | 60",1 G |
| 60 10- 4 | 16s,10 G | 61,9 G |
| 10-12[1] | 16,62 G | 59,9 G |
| 10-22 | 16,37 G | |
| 11-11 | 16,32 G | 61,3 G |
| 11-19 | 16,51 G | 60,7 G |
| | III. | |
| | 23h 59m | 105°7′ |
| 78 11- 9 | 2s,62 J | 1",9 J |

[1] 𝒜 augmentée de 1s : erreur de moy.

### 34710 P. — 47236 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h 58m | 56°40′ |
| 66 9-26 | 17s,96 G | 28",7 G |
| 67 11-13 | | 27,8 G |
| | III. | |
| | 23h 59m | 56°35′ |
| 73 10- 9 | 3s,90 G | 28",7 G |
| 10-16 | 3,80 G | 27,7 G |
| 10-17 | 3,81 G | |
| 10-28[1] | 4,00 G | 25,8 G |
| 74 10-26 | 3,81 M | 28,4 M |

[1] 𝒟 augmentée de 3" : erreur de réduct.

### 34711 P. — 1194 $W_1$.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | I. | |
| | 23h 57m | 98°31′ |
| 52 10-18 | | 33",2 G |
| 10-18 | | 37,7 F |

### 34712 P. — 47231 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | III. | |
| | 23h 58m | 44°52′ |
| 81 11- 7 | | 45",3 G |

### 34713 P. — 47238 L.

| Dates 1800+ A. M. J. | 𝒜. | 𝒟. |
|---|---|---|
| | II. | |
| | 23h 58m | 92°35′ |
| 56 9-25 | 20s,07 G | 56",5 G |
| 11- 6 | 20,04 G | |
| 57 8-13 | 20,17 G | |
| 8-25 | 20,21 G | |

Dates 1800 + — Positions moyennes pour les époques du Catal.

### 34713 P. (suite).

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| | III. | |
| | $23^h 59^m$ | 92° 30′ |
| 79 11- 2 | | 56″,7 J |

### 34714 P. — 47232 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| | II. | |
| | $23^h 58^m$ | 100°23′ |
| 58 8-20 | | 40″,0 G |
| 8-27 | | 39,1 G |
| 9- 9 | 20$^s$,37 G | 37,9 G |
| 9-21 | | 39,2 G |
| 10-21 | 20,31 G | 39,4 G |
| 67 10-26 | 20,27 M | 40,4 M |

### 34715 P. — 1274 $W_2$.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| | I. | |
| | $23^h 57^m$ | 61°52 |
| 41 8-20 | 35$^s$,41 G | |
| 10-11 | 35,43 G | |

### 34716 P. — 47239 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| | III. | |
| | $23^h 59^m$ | 37°31′ |
| 81 10-25 | 7$^s$,57 G | 26″,0 G |

### 34717 P.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| | II. | |
| | $23^h 58^m$ | 68°32′ |
| 58 10-15 | 22$^s$,21 G | |

### 34718 P. — 47240 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| | III. | |
| | $23^h 59^m$ | 34°59′ |
| 79 10- 3 [1] | 12$^s$,88 G | 9″,7 G |
| 81 11-12 | 12,97 M | 9,6 M |
| 11-14 | 12,91 M | 9,5 M |

[1] 𝒟 diminuée de 12″,8 : erreur de réduction.

### 34719 P. — 47241 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| | I. | |
| | $23^h 57^m$ | 77°27′ |
| 39 9-10 | 44$^s$,71 G | |
| 9-21 | 44,77 G | |
| 9-22 | 44,70 G | |
| 10-13 | 44,92 G | |
| 10-15 | 44,85 G | |
| 10-18 | 44,71 G | |
| 49 10- 9 | 44,88 G | |
| 10-10 | 44,73 G | |
| 10-16 | 44,77 G | |
| 53 9-24 | 45,01 G | |
| | II. | |
| | $23^h 58^m$ | 77°22′ |
| 56 9-19 | 30$^s$,82 G | |
| 57 8-28 | 30,80 G | |
| 10- 5 | 30,85 G | |
| 58 1- 6 | | 59″,3 F |
| 1- 7 | | 58,1 G |
| 10- 2 | | 59,0 G |
| 63 9-19 | 30,84 G | |
| 10-16 | 30,92 G | |
| 10-19 | 30,93 G | |
| 10-23 | 30,90 G | |
| 11-18 | 30,93 G | |
| 11-19 | 30,95 G | |
| 11-20 | 30,90 G | |
| 64 9-11 | 30,93 G | |
| 9-26 | 30,95 G | |
| 9-29 | 30,93 G | |
| 11- 3 | 30,91 G | |
| 11- 4 | 30,84 G | |
| 65 10-23 | 30,97 G | |
| 11-12 | 30,91 G | |

### 34720 P. — 47243 L. (1re).

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| | II. | |
| | $23^h 58^m$ | 72°56′ |
| 58 10- 4 | | 19″,2 G |
| 10-16 | 33$^s$,12 G | |
| 11- 3 | 32,91 G | 19,1 G |

### 34721 P. — 47242 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| | II. | |
| | $23^h 58^m$ | 106°8′ |
| 58 11-30 | 33$^s$,35 G | 42″,4 G |
| | III. | |
| | $23^h 59^m$ | 106°3′ |
| 79 10- 3 | 19$^s$,63 M | 42″,6 M |

### 34722 P. — 23228 A. O.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| | I. | |
| | $23^h 57^m$ | 109°2′ |
| 49 9-11 | 48$^s$,30 G | |

### 34723 P. — 47246 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| | III. | |
| | $23^h 59^m$ | 41°4′ |
| 81 10- 3 | | 25″,6 G |
| 10-29 | 30$^s$,45 G | 25,0 G |

### 34724 P. — 47245 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| | II. | |
| | $23^h 58^m$ | 66°12′ |
| 57 12-24 | 45$^s$,22 G | 35″,6 G |
| | III. | |
| | $23^h 59^m$ | 66°7′ |
| 79 10-31 | 31$^s$,43 G | 35″,0 G |
| 80 9- 1 | 31,39 G | |

### 34725 P. — 47247 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| | II. | |
| | $23^h 58^m$ | 72°32′ |
| 58 9-27 | | 19″,6 G |
| 10- 1 | | 19,0 G |
| 10- 5 | | 18,8 G |
| 60 11-10 | 45$^s$,23 G | 18,1 G |
| 11-16 | 45,42 G | |
| 11-26 | 45,15 G | |
| 62 9-18 | 45,51 G | 19,0 G |

### 34726 P. — 47248 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| | I. | |
| | $23^h 58^m$ | 62°35′ |
| 40 11-27 | | 10″,1 F |
| 48 10- 3 | 3$^s$,25 G | |
| | II. | |
| | $23^h 58^m$ | 62°30′ |
| 58 10-17 | 49$^s$,19 G | 8″,4 G |
| 11-10 | 49,12 G | 7,7 G |

### 34727 P. — 47250 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| | III. | |
| | $23^h 59^m$ | 65°46′ |
| 71 11-17 | 37$^s$,35 G | |
| 74 10- 6 | 37,35 M | 42″,8 M |
| 10-16 | 37,41 M | 43,5 M |

### 34728 P. — 47251 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| | I. | |
| | $23^h 58^m$ | 50°26′ |
| 40 12-15 | 6$^s$,20 G | 37″,8 F |

### 34728 P. (suite).

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| | II. | |
| | $23^h 58^m$ | 50°21′ |
| 59 11-19 | | 39″,5 G |
| 61 10-26 | 52$^s$,06 G | 39,9 G |
| | III. | |
| | $23^h 59^m$ | 50°16′ |
| 73 11-14 | 38$^s$,19 G | 37″,6 G |

### 34729 P. — 3210 Br.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| | I. | |
| | $23^h 58^m$ | 32°25′ |
| 47 4- 5 I | 11$^s$,21 G | |
| 5-14 I | | 39″,4 G |

### 34730 P. — 47253-54 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| | II. | |
| | $23^h 58^m$ | 81°3′ |
| 55 11-11 | 57$^s$,29 G | 49″,7 G |
| | III. | |
| | $23^h 59^m$ | 80°58′ |
| 72 11- 7 | 43$^s$,30 G | 51″,8 G |
| 74 10-27 | 43,24 G | 49,1 G |

### 34731 P. — 47252 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| | II. | |
| | $23^h 58^m$ | 90°39′ |
| 56 10-13 | | 27″,5 G |
| 57 10-12 | 57$^s$,63 G | 27,8 G |
| 10-16 | 57,72 G | 27,8 G |
| | III. | |
| | $23^h 59^m$ | 90°34′ |
| 76 10-12 | 43$^s$,76 G | 27″,7 G |
| 78 9-14 | 43,86 M | 26,8 M |
| 11- 5 | 43,73 J | 27,2 J |

### 34732 P. — 47255 L.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| | III. | |
| | $23^h 59^m$ | 39°19′ |
| 81 10-19 | 45$^s$,26 G | 39″,6 G |

### 34733 P. — 10 Cassiopée.

| A. M. J. | 𝒜 | 𝒟 |
|---|---|---|
| | I. | |
| | $23^h 58^m$ | 26°39′ |
| 38 10-30 | 25$^s$,62 G | 57″,1 F |
| 11-15 | 25,70 G | 59,7 F |
| 11-25 | 25,25 G | 58,5 F |

# POSITIONS MOYENNES ANNUELLES

DES

# ÉTOILES FONDAMENTALES.

Les positions moyennes que nous donnons ici sont, comme les précédentes, rapportées aux trois époques moyennes 1845,0, 1860,0 et 1875,0; elles sont corrigées des mouvements propres dont les valeurs adoptées sont inscrites à la suite du nom de chaque étoile.

Dans les Tableaux qui suivent, les moyennes générales données à la fin de chaque période diffèrent ordinairement de celles que l'on trouve dans le Catalogue; mais on passera facilement des unes aux autres en tenant compte du mouvement propre et de l'intervalle de temps compris entre l'époque moyenne des observations de l'étoile et l'époque de l'équinoxe moyen adopté dans le Catalogue.

Dans la colonne N, on trouve le nombre d'observations dont dépend chaque moyenne annuelle.

Dans les étoiles dont le passage inférieur a lieu à moins de 10° de hauteur, les observations de ce passage n'entrent pas dans le calcul des moyennes et elles ne sont données ici qu'à titre de renseignement.

### 13 μ¹ Sagittaire.

Mouv. propre adopté. { $\delta Æ = -0^s,001$. $\delta 𝔓 = 0'',00$.

**I.**

| Ép. moy. annuelle. | Æ. | N. | Ép. moy. annuelle. | 𝔓. | N. |
|---|---|---|---|---|---|
| | $18^h4^m$ | | | 111°5′ | |
| 37,5 | $29^s,64$ G | 29 | 37,5 | $35'',3$ F | 15 |
| 38,6 | 29,66 G | 11 | 38,7[1] | 35,5 F | 3 |
| 39,6 | 29,71 G | 12 | 39,6 | 35,3 F | 4 |
| 40,6 | 29,66 G | 23 | 40,6[2] | 35,2 F | 12 |
| 41,6 | 29,61 G | 23 | 41,6[3] | 34,8 F | 20 |
| 42,6 | 29,73 G | 4 | 42,5 | 35,4 F | 5 |
| 43,6 | 29,65 G | 24 | 43,6[4] | 35,7 G | 15 |
| | | | 43,5 | 34,4 F | 7 |
| 44,6 | 29,68 G | 5 | 44,5 | 35,5 G | 6 |
| | | | 44,5 | 35,7 F | 3 |
| 45,6 | 29,66 G | 13 | 45,6 | 35,4 G | 3 |
| | | | 45,5 | 35,6 F | 4 |
| 46,6 | 29,66 G | 39 | 46,5 | 36,3 G | 10 |
| | | | 46,4 | 35,5 F | 6 |
| 47,6 | 29,63 G | 14 | 47,5 | 35,8 G | 6 |
| | | | 47,6 | 36,5 F | 1 |
| 48,6 | 29,66 G | 35 | 48,6 | 35,9 G | 9 |
| | | | 48,5 | 37,2 F | 1 |
| 49,6 | 29,69 G | 26 | 49,5 | 35,9 G | 8 |
| 50,6 | 29,68 G | 19 | 50,6 | 36,7 G | 9 |
| | | | 50,6 | 35,3 F | 6 |

### 13 μ¹ Sagittaire (suite).

I (suite).

| Ép. moy. annuelle. | Æ. | N. | Ép. moy. annuelle. | 𝔓. | N. |
|---|---|---|---|---|---|
| | $18^h4^m$ | | | 111°5′ | |
| 51,6 | $29^s,57$ G | 1 | 51,5 | $33'',5$ G | 1 |
| 52,6 | 29,72 G | 9 | 52,6 | 35,9 G | 13 |
| | | | 52,5 | 35,2 F | 11 |
| 53,6 | 29,63 G | 11 | 53,4 | 36,9 G | 2 |
| | | | 53,6 | 34,9 F | 6 |
| 45,2 | $29^s,66$ | | 45,6 | $35'',4$ | |

**II.**

| Ép. moy. annuelle. | Æ. | N. | Ép. moy. annuelle. | 𝔓. | N. |
|---|---|---|---|---|---|
| | $18^h5^m$ | | | 111°5′ | |
| 54,6 | $23^s,41$ G | 28 | 54,6 | $29'',2$ G | 9 |
| 55,5 | 23,45 G | 25 | 55,5 | 29,0 G | 17 |
| 56,5 | 23,44 G | 45 | 56,6 | 29,3 G | 19 |
| 57,5 | 23,48 G | 24 | 57,6 | 29,0 G | 20 |
| 58,6 | 23,42 G | 23 | 58,6 | 29,1 G | 27 |
| | | | 58,5 | 28,7 F | 3 |
| 59,5 | 23,47 G | 17 | 59,6 | 29,2 G | 12 |
| 60,5 | 23,51 G | 7 | 60,6 | 29,1 G | 6 |
| | | | 60,6 | 29,3 F | 1 |
| 61,6 | 23,43 G | 10 | 61,5 | 30,3 G | 1 |
| 62,5 | 23,47 G | 9 | 62,5 | 29,5 G | 8 |
| 63,5 | 23,44 M | 11 | 63,5 | 29,1 M | 10 |
| 63,5 | 23,39 G | 4 | 63,5 | 29,2 G | 4 |

### 13 μ¹ Sagittaire (suite).

II (suite).

| Ép. moy. annuelle. | Æ. | N. | Ép. moy. annuelle. | 𝔓. | N. |
|---|---|---|---|---|---|
| | $18^h5^m$ | | | 111°5′ | |
| 64,6 | $23^s,45$ M | 25 | 64,6 | $29'',4$ M | 23 |
| 65,6 | 23,46 M | 13 | 65,6 | 29,6 M | 11 |
| 66,5 | 23,47 M | 13 | 66,6 | 29,1 M | 11 |
| 67,6 | 23,44 M | 6 | 67,6 | 29,4 M | 5 |
| 60,4 | $23^s,45$ | | 60,7 | $29'',2$ | |

**III.**

| Ép. moy. annuelle. | Æ. | N. | Ép. moy. annuelle. | 𝔓. | N. |
|---|---|---|---|---|---|
| | $18^h6^m$ | | | 111°5′ | |
| 68,6 | $17^s,17$ M | 8 | 68,6 | $20'',8$ M | 9 |
| 68,6 | 17,29 G | 3 | 68,6 | 20,5 G | 3 |
| 69,5 | 17,17 M | 6 | 69,5 | 20,7 M | 6 |
| 70,5 | 17,23 M | 17 | 69,6 | 23,0 G | 1 |
| 70,4 | 17,27 G | 2 | 70,5 | 21,4 M | 16 |
| | | | 70,4 | 21,4 G | 2 |
| 71,6 | 17,24 M | 7 | 71,6 | 21,5 M | 6 |
| 71,6 | 17,17 G | 1 | 71,6 | 21,4 G | 1 |
| 72,5 | 17,20 M | 2 | 72,5 | 21,4 M | 2 |
| 73,6 | 17,27 M | 9 | 73,6 | 21,2 M | 9 |
| 74,6 | 17,23 M | 6 | 74,5 | 21,2 M | 7 |
| 75,6 | 17,21 M | 2 | 75,5 | 22,3 M | 2 |
| 76,6 | 17,21 M | 2 | 76,6 | 21,8 M | 2 |
| 76,6 | 17,21 G | 1 | 76,6 | 21,3 G | 1 |
| 77,5 | 17,26 M | 7 | 77,5 | 21,0 M | 12 |

## 13 μ¹ Sagittaire (suite).

III (suite).

| Ép. moy. annuelle. | $\mathcal{A}$. | N. | Ép. moy. annuelle. | $\mathcal{P}$. | N. |
|---|---|---|---|---|---|
| | $18^h 6^m$ | | | 111°5′ | |
| 77,5 | $17^s,18$ G | 6 | 77,5 | 21″,0 G | 1 |
| 78,6 | 17,26 M | 4 | 78,6 | 21,4 M | 4 |
| 78,6 | 17,21 G | 2 | 78,6 | 21,0 G | 3 |
| 79,6 | 17,27 J | 4 | 79,5 | 21,5 M | 5 |
| 80,6 | 17,22 M | 2 | 80,6 | 20,4 M | 3 |
| 80,5 | 17,36 G | 1 | 80,5 | 20,5 G | 2 |
| 81,5 | 17,24 M | 14 | 81,6 | 21,6 M | 14 |
| 81,5 | 17,31 G | 2 | 81,5 | 21,9 G | 2 |
| 81,5 | 17,04 J | 1 | | | |
| 74,8 | $17^s,23$ | | 74,9 | 21″,3 | |

[1] Septembre 27, $\mathcal{P}$ augmentée de 30″ : erreur d'un tour de vis dans la lecture des microscopes.

[2] Août 28, $\mathcal{P}$ diminuée de 10″ : erreur de moyenne.

[3] Septembre 27, $\mathcal{P}$ diminuée de 30″ : erreur d'un tour de vis dans la lecture des microscopes.

[4] Août 17, $\mathcal{P}$ diminuée de 7″ : erreur de réduction.

## 23 δ Petite Ourse.

Mouv. propre adopté. { $\delta\mathcal{A} = 0^s,000$, $\delta\mathcal{P} = 0'',00$.

I.

| Ép. moy. annuelle. | $\mathcal{A}$. | N. | Ép. moy. annuelle. | $\mathcal{P}$. | N. |
|---|---|---|---|---|---|
| | $18^h 22^m$ | | | 3°24′ | |
| 37,5[1] | $19^s,16$ G | 36 | 37,6 | 18″,8 F | 19 |
| 37,3I | 18,97 G | 17 | 37,2I | 17,2 F | 6 |
| 38,7 | 20,09 G | 20 | 38,7 | 19,6 F | 2 |
| 38,4I | 18,48 G | 9 | 38,6I | 20,4 F | 4 |
| 39,6 | 19,75 G | 11 | 39,6 | 18,6 F | 4 |
| 39,3I | 20,07 G | 4 | | | |
| 40,6[2] | 19,57 G | 23 | 40,6 | 19,9 F | 12 |
| 40,7I | 19,95 G | 2 | | | |
| 41,6 | 20,01 G | 20 | 41,5 | 21,3 F | 11 |
| 41,1I | 19,87 G | 5 | 41,2I | 19,4 F | 2 |
| 42,5 | 17,60 G | 8 | 42,5 | 20,2 F | 3 |
| 42,3I | 18,70 G | 6 | | | |
| 43,6[3] | 20,20 G | 31 | 43,7 | 19,2 G | 14 |
| | | | 43,5 | 19,2 F | 4 |
| 43,3I | 20,40 G | 4 | 43,0I | 18,8 F | 2 |
| 44,6 | 19,59 G | 10 | 44,5 | 18,5 G | 2 |
| | | | 44,5 | 16,7 F | 1 |
| 44,1I | 18,85 G | 1 | 44,1I | 17,1 G | 1 |
| 45,6 | 19,65 G | 12 | 45,5 | 17,4 F | 2 |
| 45,4I | 19,05 G | 5 | 45,9I | 19,1 G | 1 |
| 46,7 | 19,40 G | 12 | 46,7 | 19,7 G | 2 |
| | | | 46,9 | 19,1 F | 11 |
| 46,4I[4] | 19,21 G | 5 | 46,4I | 19,1 G | 2 |
| 47,6 | 19,82 G | 12 | 47,7 | 19,5 G | 6 |
| 47,3I | 19,61 G | 5 | 47,2I | 19,7 G | 2 |
| | | | 47,2I | 20,3 F | 1 |
| 48,6 | 20,37 G | 35 | 48,8 | 19,8 G | 4 |
| 48,4I | 19,54 G | 8 | 48,9I | 19,8 G | 4 |
| 49,5 | 19,78 G | 26 | 49,6 | 20,6 G | 4 |
| 49,4I | 19,64 G | 14 | 49,7I | 19,4 G | 4 |
| 50,6 | 19,88 G | 10 | 50,8 | 20,0 G | 1 |
| 50,2I | 19,40 G | 9 | 50,1I | 20,0 G | 1 |
| | | | 50,2I | 19,6 G | 1 |
| 51,5 | 19,39 G | 2 | | | |
| 51,1I | 20,54 G | 6 | 51,1I | 18,9 G | 4 |
| 52,8 | 20,53 G | 10 | 52,5 | 18,5 G | 5 |
| | | | 52,5 | 19,8 F | 7 |
| 52,7I | 19,14 G | 16 | 52,4I | 19,0 G | 4 |
| | | | 52,7I | 19,9 G | 8 |
| 53,5 | 19,12 G | 10 | 53,9 | 19,7 G | 3 |
| | | | 53,6 | 19,2 F | 6 |
| 53,2I | 19,31 G | 5 | | | |
| 45,3 | $19^s,61$ | | 45,6 | 19″,4 | |

## 23 δ Petite Ourse (suite).

II.

| Ép. moy. annuelle. | $\mathcal{A}$. | N. | Ép. moy. annuelle. | $\mathcal{P}$. | N. |
|---|---|---|---|---|---|
| | $18^h 17^m$ | | | 3°23′ | |
| 54,6 | $30^s,17$ G | 30 | 54,7 | 53″,7 G | 18 |
| 54,3I | 29,82 G | 4 | | | |
| 55,6 | 30,24 G | 13 | 55,6 | 53,4 G | 25 |
| | | | 55,1I | 52,6 G | 3 |
| 56,5 | 29,32 G | 25 | 56,5 | 53,3 G | 20 |
| 56,1I | 30,31 G | 6 | 56,3I | 51,9 G | 8 |
| 57,6 | 30,38 G | 19 | 57,5 | 53,2 G | 35 |
| 57,3I | 31,87 G | 4 | 57,1I | 51,8 G | 9 |
| 58,6 | 29,94 G | 18 | 58,6 | 52,9 G | 18 |
| | | | 58,4 | 53,3 F | 1 |
| 58,1I | 30,38 G | 4 | 58,1I | 52,6 G | 8 |
| 59,4 | 29,75 G | 19 | 59,5 | 52,7 G | 17 |
| 59,1I | 29,83 G | 14 | 59,1I | 52,4 G | 18 |
| 60,7 | 29,75 G | 3 | 60,5 | 52,0 G | 3 |
| 60,1I | 28,77 G | 7 | | | |
| 61,7 | 30,09 G | 10 | 61,6 | 53,0 G | 3 |
| 62,4 | 30,65 G | 17 | 62,6 | 52,5 G | 5 |
| 62,2I | 30,48 G | 15 | 62,1I | 51,8 G | 13 |
| | | | 63,6 | 52,1 M | 3 |
| 63,3 | 30,05 G | 22 | 63,4 | 52,3 G | 7 |
| 63,1I | 30,28 G | 29 | 63,2I | 52,2 G | 31 |
| | | | 64,7 | 52,7 M | 28 |
| | | | 65,0I | 50,1 M | 2 |
| | | | 65,7 | 53,1 G | 10 |
| | | | 65,1I | 51,0 M | 4 |
| | | | 66,7 | 52,0 M | 13 |
| | | | 66,7 | 53,1 G | 1 |
| | | | 67,4 | 52,3 M | 4 |
| | | | 67,5 | 53,1 G | 1 |
| | | | 67,1I | 50,7 M | 1 |
| 58,9 | $30^s,05$ | | 60,5 | 52″,7 | |

III.

| Ép. moy. annuelle. | $\mathcal{A}$. | N. | Ép. moy. annuelle. | $\mathcal{P}$. | N. |
|---|---|---|---|---|---|
| | | | | 3°23′ | |
| | | | 68,7 | 33″,2 M | 2 |
| | | | 69,5 | 33,3 M | 6 |
| | | | 69,6 | 32,2 G | 1 |
| | | | 69,1I | 33,9 G | 3 |
| | | | 70,5 | 31,7 M | 1 |
| | | | 70,6 | 32,4 G | 5 |
| | | | 70,3I | 32,4 M | 6 |
| | | | 71,5 | 31,5 M | 3 |
| | | | 71,5 | 32,7 G | 2 |
| | | | 72,7 | 32,3 M | 5 |
| | | | 72,1I | 34,2 M | 6 |
| | | | 73,5 | 33,1 M | 7 |
| | | | 73,5 | 32,4 G | 3 |
| | | | 73,3I | 33,0 M | 4 |
| | | | 74,5 | 33,1 M | 5 |
| | | | 74,5 | 32,3 G | 2 |
| | | | 74,0I | 33,3 M | 6 |
| | | | 75,5 | 31,8 M | 11 |
| | | | 75,6 | 33,4 G | 9 |
| | | | 75,0I | 31,8 M | 8 |
| | | | 76,5 | 32,9 M | 14 |
| | | | 76,5 | 32,4 G | 12 |
| | | | 76,1I | 32,8 M | 12 |
| | | | 77,5 | 32,8 M | 9 |
| | | | 77,0I | 30,6 M | 2 |
| | | | 78,6 | 32,5 M | 7 |
| | | | 78,6 | 32,9 G | 1 |
| | | | 78,0I | 34,9 M | 5 |
| | | | 79,0I | 31,8 J | 1 |
| | | | 79,6 | 33,2 M | 5 |
| | | | 79,5 | 32,1 G | 8 |
| | | | 79,5 | 31,8 J | 9 |
| | | | 79,0I | 33,7 M | 3 |
| | | | 79,1I | 34,0 G | 2 |
| | | | 79,0I | 32,3 J | 8 |
| | | | 80,6 | 30,9 M | 18 |
| | | | 80,6 | 31,9 G | 18 |
| | | | 80,1I | 30,7 M | 2 |
| | | | 80,1I | 32,9 G | 15 |
| | | | 80,1I | 32,7 J | 8 |

## 23 δ Petite Ourse (suite).

III (suite).

| Ép. moy. annuelle. | $\mathcal{A}$. | N. | Ép. moy. annuelle. | $\mathcal{P}$. | N. |
|---|---|---|---|---|---|
| | | | | 3°23′ | |
| | | | 81,6 | 31″,0 M | 21 |
| | | | 81,5 | 31,9 G | 23 |
| | | | 81,5 | 31,6 J | 23 |
| | | | 81,2I | 31,6 M | 13 |
| | | | 81,1I | 31,4 G | 16 |
| | | | 81,1I | 31,6 J | 11 |
| | | | 75,8 | 32″,5 | |

[1] Novembre 17, $\mathcal{A}$ diminuée de $10^s$ : erreur de réduction.

[2] Août 20, $\mathcal{A}$ diminuée de $5^s,54$ : erreur de réduction.

[3] Juillet 26, $\mathcal{A}$ augmentée de $1^m$ : erreur de réduction.

[4] Janvier 13, $\mathcal{A}$ augmentée de $10^s,64$ : erreur de réduction.

A partir de 1864, l'ascension de δ Petite Ourse ayant constamment été employée à la détermination de l'état des instruments de passages, on n'a pu déduire de ses observations aucune correction de l'ascension droite, car il n'a jamais été fait d'observations consécutives au PS et au PI.

## 19 δ Sagittaire.

Mouv. propre adopté. { $\delta\mathcal{A} = +0^s,001$, $\delta\mathcal{P} = +0'',05$.

I.

| Ép. moy. annuelle. | $\mathcal{A}$. | N. | Ép. moy. annuelle. | $\mathcal{P}$. | N. |
|---|---|---|---|---|---|
| | $18^h 11^m$ | | | 119°53′ | |
| 37,5 | $4^s,18$ G | 15 | 37,5 | 13″,1 F | 7 |
| 38,6 | 4,21 G | 1 | | | |
| 39,6 | 4,27 G | 1 | 39,5 | 13,9 F | 1 |
| 40,6 | 4,18 G | 1 | 40,6 | 14,3 F | 1 |
| 41,6 | 4,13 G | 10 | 41,5 | 12,4 F | 3 |
| | | | 42,5 | 14,8 F | 1 |
| 43,5 | 4,43 G | 1 | | | |
| 46,6 | 4,19 G | 9 | 46,6 | 15,1 G | 1 |
| | | | 46,5 | 15,9 F | 5 |
| 47,5 | 4,05 G | 1 | 47,4 | 15,8 G | 1 |
| 48,5 | 4,22 G | 1 | | | |
| 53,6 | 4,01 G | 1 | 53,5 | 16,8 G | 1 |
| 42,8 | $4^s,18$ | | 43,3 | 14″,5 | |

II.

| Ép. moy. annuelle. | $\mathcal{A}$. | N. | Ép. moy. annuelle. | $\mathcal{P}$. | N. |
|---|---|---|---|---|---|
| | $18^h 12^m$ | | | 119°52′ | |
| 54,7 | $1^s,79$ G | 9 | 54,7 | 60″,6 G | 2 |
| 55,5 | 1,88 G | 2 | 55,5 | 58,8 G | 3 |
| 56,7 | 1,89 G | 2 | 56,5[1] | 60,7 G | 3 |
| 57,5 | 1,92 G | 2 | 57,5 | 59,6 G | 3 |
| 58,5 | 1,76 G | 7 | 58,6 | 60,0 G | 5 |
| 59,6 | 1,88 G | 3 | 59,5 | 58,8 G | 1 |
| 60,6 | 1,82 G | 2 | 60,4 | 59,8 G | 3 |
| 61,6 | 1,91 G | 2 | | | |
| 63,6 | 1,84 M | 12 | 63,6 | 60,2 M | 12 |
| 64,6 | 1,82 M | 21 | 64,6 | 60,6 M | 21 |
| 65,6 | 1,86 M | 12 | 65,6 | 60,1 M | 7 |
| | | | 66,5 | 60,2 M | 1 |
| 60,8 | $1^s,84$ | | 61,1 | 60″,1 | |

III.

| Ép. moy. annuelle. | $\mathcal{A}$. | N. | Ép. moy. annuelle. | $\mathcal{P}$. | N. |
|---|---|---|---|---|---|
| | $18^h 12^m$ | | | 119°52′ | |
| 71,6 | $59^s,42$ M | 6 | 71,6 | 44″,0 M | 6 |
| 78,6 | 59,56 M | 1 | 78,6 | 44,1 M | 1 |
| 73,6 | $59^s,46$ | | 73,6 | 44″,0 | |

[1] Mai 22, $\mathcal{P}$ diminuée de 5′.

## 58 η Serpent.

Mouv. propre adopté. $\delta\mathcal{A} = -0^s,037$, $\delta\mathcal{D} = +0'',65$.

I.

| Ép. moy. annuelle. | $\mathcal{A}$. | N. | Ép. moy. annuelle. | $\mathcal{D}$. | N. |
|---|---|---|---|---|---|
| | 18h 13m | | | 92° 56′ | |
| 37,6 | 17s,48 G | 3 | 37,5 | 3″,2 F | 1 |
| 38,6 | 17,44 G | 1 | | | |
| 39,8 | 17,52 G | 1 | | | |
| 46,6 | 17,43 G | 1 | 46,6 | 1,9 G | 1 |
| | | | 47,8 | 1,6 G | 1 |
| 53,2 | 17,49 G | 1 | 53,6 | 1,2 F | 5 |
| 42,4 | 17s,47 | | 48,1 | 1″,8 | |

II.

| Ép. moy. annuelle. | $\mathcal{A}$. | N. | Ép. moy. annuelle. | $\mathcal{D}$. | N. |
|---|---|---|---|---|---|
| | 18h 14m | | | 92° 55′ | |
| 54,7 | 3s,87 G | 3 | 54,7 | 53″,9 G | 2 |
| 55,6 | 3,99 G | 9 | 55,5 | 54,3 G | 5 |
| 56,6 | 3,89 G | 2 | 56,6 | 55,3 G | 2 |
| 57,5 | 3,91 G | 1 | | | |
| 58,5 | 4,03 G | 2 | 58,6 | 54,9 G | 1 |
| | | | 58,7 | 53,5 F | 1 |
| 60,7 | 4,12 G | 5 | 60,6 | 54,7 G | 5 |
| 61,6 | 4,02 G | 4 | 61,5 | 55,2 G | 1 |
| | | | 62,5 | 52,2 G | 1 |
| 63,5 | 3,95 M | 5 | 63,5 | 54,0 M | 5 |
| 63,5 | 3,92 G | 3 | 63,5 | 53,7 G | 2 |
| 64,5 | 4,06 M | 2 | 64,5 | 54,7 M | 2 |
| 65,5 | 4,08 M | 1 | 65,5 | 52,9 G | 1 |
| 66,7 | 4,06 M | 2 | 66,7 | 54,4 M | 1 |
| 67,5 | 4,00 M | 3 | 67,5 | 55,0 M | 3 |
| 67,6 | 4,07 G | 1 | 67,6 | 54,5 G | 1 |
| 60,9 | 4s,00 | | 61,2 | 54″,2 | |

III.

| Ép. moy. annuelle. | $\mathcal{A}$. | N. | Ép. moy. annuelle. | $\mathcal{D}$. | N. |
|---|---|---|---|---|---|
| | 18h 14m | | | 92° 55′ | |
| 68,5 | 50s,51 M | 1 | 68,5 | 45″,2 M | 1 |
| 69,6 | 50,45 M | 3 | 69,6 | 45,7 M | 3 |
| 70,5 | 50,48 M | 6 | 70,5 | 45,3 M | 6 |
| 70,5 | 50,48 G | 3 | 70,5 | 45,3 G | 3 |
| 71,6 | 50,59 M | 1 | 71,6 | 46,5 M | 1 |
| 72,5 | 50,51 M | 2 | 72,5 | 44,9 M | 2 |
| 73,6 | 50,54 M | 4 | 73,6 | 45,5 M | 4 |
| 74,7 | 50,55 M | 1 | 74,7 | 45,3 M | 2 |
| 74,5 | 50,48 G | 10 | 74,5 | 45,0 G | 5 |
| 75,6 | 50,59 M | 1 | 75,6 | 46,2 M | 3 |
| 75,6 | 50,47 G | 5 | 75,5 | 45,7 G | 3 |
| 76,6 | 50,54 M | 14 | 76,6 | 45,6 M | 15 |
| 76,6 | 50,45 G | 9 | 76,6 | 45,9 G | 6 |
| 77,7 | 50,46 M | 2 | 77,7 | 45,4 M | 2 |
| 77,5 | 50,48 G | 3 | | | |
| 78,6 | 50,50 M | 1 | 78,6 | 45,8 M | 2 |
| 78,5 | 50,45 G | 5 | 78,6 | 46,1 G | 4 |
| 79,6 | 50,51 M | 1 | 79,6 | 45,2 M | 2 |
| 79,5 | 50,50 G | 9 | 79,5 | 45,6 G | 7 |
| 79,5 | 50,46 J | 6 | 79,5 | 45,7 J | 5 |
| 80,6 | 50,50 M | 2 | 80,6 | 46,3 M | 3 |
| 80,5 | 50,49 G | 3 | 80,6 | 45,9 G | 4 |
| 81,6 | 50,51 M | 17 | 81,6 | 46,3 M | 17 |
| 81,6 | 50,51 G | 9 | 81,6 | 45,7 G | 7 |
| 81,6 | 50,46 J | 5 | 81,5 | 45,8 J | 11 |
| 76,3 | 50s,49 | | 76,3 | 45″,7 | |

## 20 ε Sagittaire.

Mouv. propre adopté. $\delta\mathcal{A} = -0^s,003$, $\delta\mathcal{D} = +0'',12$.

I.

| Ép. moy. annuelle. | $\mathcal{A}$. | N. | Ép. moy. annuelle. | $\mathcal{D}$. | N. |
|---|---|---|---|---|---|
| | 18h 13m | | | 124° 27′ | |
| 37,5 | 53s,00 G | 5 | 37,5 | 1″,4 F | 4 |
| 38,6 | 52,96 G | 1 | | | |

## 20 ε Sagittaire (suite).

I (suite).

| Ép. moy. annuelle. | $\mathcal{A}$. | N. | Ép. moy. annuelle. | $\mathcal{D}$. | N. |
|---|---|---|---|---|---|
| | 18h 13m | | | 124° 27′ | |
| 40,6 | 52s,98 G | 2 | | | |
| 41,5 | 53,10 G | 4 | 41,5 | 3″,0 F | 4 |
| | | | 42,5 | 0,8 F | 1 |
| 43,6 | 52,87 G | 3 | 43,6 | 3,0 G | 1 |
| | | | 44,6 | 7,9 G | 1 |
| | | | 45,6 | 5,3 G | 1 |
| 46,6 | 52,95 G | 2 | 46,3 | 4,2 G | 1 |
| 41,3 | 52s,98 | | 42,3 | 3″,3 | |

II.

| Ép. moy. annuelle. | $\mathcal{A}$. | N. | Ép. moy. annuelle. | $\mathcal{D}$. | N. |
|---|---|---|---|---|---|
| | 18h 14m | | | 124° 26′ | |
| 54,7 | 52s,72 G | 1 | | | |
| 55,7 | 52,70 G | 2 | 55,6 | 50″,8 G | 2 |
| 56,6 | 52,75 G | 2 | 56,6 | 50,3 G | 2 |
| 57,5 | 52,67 G | 2 | 57,5 | 47,9 G | 1 |
| 58,7 | 52,66 G | 1 | | | |
| 56,6 | 52s,70 | | 56,5 | 49″,9 | |

## 3 α Lyre (Véga).

Mouv. propre adopté. $\delta\mathcal{A} = +0^s,019$, $\delta\mathcal{D} = -0'',28$.

I.

| Ép. moy. annuelle. | $\mathcal{A}$. | N. | Ép. moy. annuelle. | $\mathcal{D}$. | N. |
|---|---|---|---|---|---|
| | 18h 31m | | | 51° 21′ | |
| 37,5 | 41s,45 G | 57 | 37,6 | 27″,0 F | 27 |
| 38,8 | 41,47 G | 29 | 38,8[1] | 26,8 F | 12 |
| 39,4 | 41,45 G | 28 | 39,4 | 26,8 F | 7 |
| 40,5 | 41,43 G | 44 | 40,6 | 26,8 F | 15 |
| 41,6 | 41,43 G | 26 | 41,6 | 27,3 G | 12 |
| 42,4 | 41,40 G | 11 | 42,5 | 26,8 F | 4 |
| 43,6 | 41,46 G | 33 | 43,8 | 26,4 G | 8 |
| | | | 43,7 | 27,6 F | 5 |
| 44,7 | 41,38 G | 4 | 44,6 | 26,8 G | 5 |
| 45,6 | 41,50 G | 8 | 45,5 | 27,8 F | 2 |
| 46,6 | 41,45 G | 38 | 46,6 | 26,4 G | 11 |
| | | | 46,5 | 27,3 F | 16 |
| 47,5 | 41,44 G | 27 | 47,7 | 26,6 G | 12 |
| 48,6 | 41,43 G | 34 | 48,0 | 25,0 G | 3 |
| | | | 48,7 | 26,7 F | 6 |
| 49,6 | 41,47 G | 30 | 49,7 | 27,8 G | 5 |
| | | | 49,5 | 26,9 F | 1 |
| 50,5 | 41,44 G | 16 | 50,6 | 26,1 G | 7 |
| | | | 50,7 | 25,8 G | 2 |
| 51,5 | 41,43 G | 5 | | | |
| 52,7 | 41,40 G | 15 | 52,0 | 27,0 G | 1 |
| | | | 52,5 | 26,5 G | 9 |
| | | | 52,5 | 27,2 F | 8 |
| 53,5 | 41,37 G | 16 | 53,9 | 26,4 G | 3 |
| | | | 53,6 | 26,5 F | 5 |
| 44,8 | 41s,44 | | 46,1 | 26″,8 | |

II.

| Ép. moy. annuelle. | $\mathcal{A}$. | N. | Ép. moy. annuelle. | $\mathcal{D}$. | N. |
|---|---|---|---|---|---|
| | 18h 32m | | | 51° 20′ | |
| 54,5 | 11s,86 G | 35 | 54,6 | 40″,3 G | 17 |
| 55,5 | 11,88 G | 19 | 55,6 | 40,0 G | 21 |
| 56,4 | 11,83 G | 61 | 56,5 | 40,0 G | 42 |
| 57,4 | 11,85 G | 46 | 57,5 | 40,0 G | 18 |
| 58,6 | 11,86 G | 54 | 58,6 | 40,1 G | 33 |
| | | | 58,5 | 38,0 F | 3 |
| 59,4 | 11,84 G | 44 | 59,5 | 40,2 G | 14 |
| 60,6 | 11,85 G | 27 | 60,6 | 40,2 G | 11 |
| | | | 60,6 | 40,5 F | 1 |
| 61,7 | 11,86 G | 27 | 61,6 | 40,4 G | 7 |
| 62,4 | 11,81 G | 6 | 62,4 | 39,7 G | 5 |
| 63,7 | 11,84 M | 13 | 63,7 | 40,0 M | 13 |
| 63,4 | 11,85 G | 22 | 63,2 | 40,3 G | 14 |
| 64,7 | 11,84 M | 44 | 64,7 | 39,5 M | 48 |
| 64,5 | 11,82 G | 10 | | | |

## 3 α Lyre (Véga) (suite).

II (suite).

| Ép. moy. annuelle. | $\mathcal{A}$. | N. | Ép. moy. annuelle. | $\mathcal{D}$. | N. |
|---|---|---|---|---|---|
| | 18h 32m | | | 51° 20′ | |
| 65,6 | 11s,84 M | 20 | 65,6 | 39″,9 M | 18 |
| | | | 65,5 | 40,2 G | 1 |
| 66,7 | 11,81 M | 22 | 66,7 | 40,0 M | 17 |
| 66,5 | 11,83 G | 5 | 66,5 | 40,2 G | 4 |
| 67,4 | 11,85 M | 8 | 67,4 | 40,0 M | 9 |
| 67,6 | 11,88 G | 6 | 67,6 | 39,8 G | 8 |
| 60,9 | 11s,85 | | 61,0 | 40″,0 | |

III.

| Ép. moy. annuelle. | $\mathcal{A}$. | N. | Ép. moy. annuelle. | $\mathcal{D}$. | N. |
|---|---|---|---|---|---|
| | 18h 32m | | | 51° 19′ | |
| 68,3 | 42s,30 M | 6 | 68,3 | 53″,7 M | 9 |
| 68,7 | 42,24 G | 3 | 68,6 | 53,7 G | 6 |
| 69,6 | 42,35 M | 8 | 69,5 | 52,9 M | 7 |
| | | | 69,6 | 53,7 G | 6 |
| 70,5 | 42,26 G | 11 | 70,5 | 53,2 G | 7 |
| 71,8 | 42,31 M | 6 | 71,8 | 53,5 M | 8 |
| 71,5 | 42,32 G | 1 | 71,5 | 52,5 G | 1 |
| 72,5 | 42,31 M | 7 | 72,5 | 53,3 M | 7 |
| 72,6 | 42,33 G | 7 | 72,5 | 52,4 G | 1 |
| 73,0 | 42,28 M | 2 | 73,3 | 53,2 M | 3 |
| | | | 73,6 | 52,9 G | 1 |
| 74,6 | 42,33 M | 5 | 74,6 | 53,4 M | 5 |
| 75,5 | 42,40 M | 1 | 75,5 | 52,7 M | 1 |
| 76,6 | 42,30 M | 3 | 76,6 | 53,5 M | 3 |
| 77,3 | 42,29 M | 2 | 77,2 | 53,4 M | 3 |
| 79,0 | 42,32 M | 1 | | | |
| 79,5 | 42,23 G | 7 | 79,5 | 53,4 G | 4 |
| 79,8 | 42,31 J | 6 | 79,8 | 53,0 J | 9 |
| 80,6 | 42,30 M | 5 | 80,6 | 51,9 M | 5 |
| 80,6 | 42,22 G | 5 | 80,6 | 53,8 G | 4 |
| 80,0 | 42,34 J | 2 | 80,0 | 53,2 J | 2 |
| 81,5 | 42,25 M | 14 | 81,6 | 53,1 M | 13 |
| 81,5 | 42,29 G | 4 | 81,6 | 53,3 G | 4 |
| 81,5 | 42,19 J | 13 | 81,5 | 52,7 J | 13 |
| 75,2 | 42s,29 | | 75,0 | 53″,2 | |

[1] Août 15, $\mathcal{D}$ augmentée de 0″,3 : erreur de réduction.

## 10 β Lyre.

Mouv. propre adopté. $\delta\mathcal{A} = -0^s,001$, $\delta\mathcal{D} = +0'',03$.

I.

| Ép. moy. annuelle. | $\mathcal{A}$. | N. | Ép. moy. annuelle. | $\mathcal{D}$. | N. |
|---|---|---|---|---|---|
| | 18h 44m | | | 56° 48′ | |
| 37,5 | 21s,48 G | 50 | 37,6 | 49″,8 F | 23 |
| 38,7 | 21,45 G | 23 | 38,7 | 50,4 F | 8 |
| 39,6 | 21,43 G | 22 | 39,5 | 50,1 F | 6 |
| 40,6 | 21,45 G | 37 | 40,6 | 50,2 F | 13 |
| 41,6 | 21,47 G | 22 | 41,6 | 50,1 F | 14 |
| 42,4 | 21,49 G | 9 | 42,4 | 49,2 F | 3 |
| 43,6 | 21,46 G | 30 | 43,7 | 48,3 G | 11 |
| | | | 43,5 | 48,8 F | 4 |
| 44,6 | 21,52 G | 11 | 44,6 | 50,6 G | 5 |
| | | | 44,7 | 50,2 F | 1 |
| 45,6 | 21,48 G | 18 | 45,5 | 50,1 F | 2 |
| 46,6 | 21,50 G | 45 | 46,6 | 49,6 G | 11 |
| | | | 46,5 | 48,8 F | 17 |
| 47,7 | 21,46 G | 21 | 47,9 | 49,6 G | 10 |
| | | | 48,0 | 49,9 F | 3 |
| 48,6 | 21,49 G | 38 | 48,8 | 49,1 G | 8 |
| 49,6 | 21,49 G | 33 | 49,7 | 49,5 G | 10 |
| | | | 49,5 | 48,1 F | 1 |
| 50,6 | 21,46 G | 18 | 50,6 | 49,4 G | 11 |
| | | | 50,7 | 50,0 F | 4 |
| 51,5 | 21,46 G | 7 | | | |
| 52,7 | 21,48 G | 29 | 52,7 | 49,3 G | 8 |
| | | | 52,5 | 49,0 F | 8 |
| 53,5 | 21,51 G | 17 | 53,9 | 49,7 G | 3 |
| | | | 53,6 | 49,8 F | 5 |
| 45,4 | 21s,47 | | 45,3 | 49″,7 | |

## 10 β Lyre (suite).

II.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | $18^h 44^m$ | | | 56°47′ | |
| 54,6 | 54$^s$,66 G | 33 | 54,7 | 51",4 G | 12 |
| 55,6 | 54,67 G | 24 | 55,6 | 50,8 G | 17 |
| 56,5 | 54,59 G | 55 | 56,5 | 51,5 G | 38 |
| 57,5 | 54,62 G | 43 | 57,5 | 50,9 G | 18 |
| 58,6 | 54,63 G | 38 | 58,6 | 51,3 G | 23 |
| | | | 58,4 | 51,4 F | 2 |
| 59,5 | 54,66 G | 24 | 59,5 | 50,9 G | 7 |
| 60,6 | 54,66 G | 23 | 60,7 | 50,8 G | 10 |
| | | | 60,6 | 52,0 F | 1 |
| 61,7 | 54,66 G | 18 | 61,6 | 51,2 G | 4 |
| 62,5 | 54,61 G | 13 | 62,6 | 50,9 G | 3 |
| 63,6 | 54,63 M | 10 | 63,6 | 50,6 M | 9 |
| 63,5 | 54,65 G | 26 | 63,3 | 50,9 G | 7 |
| 64,7 | 54,66 M | 27 | 64,7 | 51,1 M | 28 |
| 64,6 | 54,65 G | 15 | 64,5 | 50,6 G | 5 |
| 65,6 | 54,65 M | 11 | 65,7 | 51,4 M | 12 |
| | | | 65,6 | 50,9 G | 2 |
| 66,6 | 54,68 M | 8 | 66,6 | 50,9 M | 6 |
| 66,6 | 54,66 G | 4 | 66,5 | 51,0 G | 3 |
| 67,6 | 54,68 M | 4 | 67,6 | 50,7 M | 3 |
| 67,5 | 54,66 G | 6 | 67,5 | 50,8 G | 9 |
| 60,6 | 54$^s$,65 | | 60,8 | 51",1 | |

III.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | $18^h 45^m$ | | | 56°46′ | |
| 68,5 | 27$^s$,85 M | 6 | 68,5 | 52",9 M | 4 |
| 68,6 | 27,75 G | 3 | 68,6 | 52,0 G | 3 |
| 69,5 | 27,83 M | 5 | 69,5 | 52,3 M | 6 |
| | | | 69,6 | 52,6 G | 5 |
| 70,5 | 27,83 G | 8 | 70,5 | 52,1 G | 8 |
| 71,7 | 27,85 M | 4 | 71,8 | 52,5 M | 6 |
| 71,6 | 27,80 G | 10 | 71,6 | 52,6 G | 6 |
| 72,5 | 27,87 M | 4 | 72,5 | 52,2 M | 4 |
| 72,6 | 27,81 G | 12 | 72,6 | 52,0 G | 1 |
| 73,5 | 27,81 M | 5 | 73,5 | 52,4 M | 4 |
| 73,6 | 27,83 G | 2 | 73,5 | 51,4 G | 1 |
| 74,6 | 27,82 M | 9 | 74,5 | 52,4 M | 10 |
| 74,6 | 27,84 G | 1 | 74,6 | 52,8 G | 1 |
| 75,5 | 27,83 M | 1 | 75,5 | 52,5 M | 3 |
| 76,7 | 27,85 M | 11 | 76,6 | 52,1 M | 10 |
| 76,6 | 27,83 G | 3 | 76,6 | 51,6 G | 3 |
| 77,4 | 27,78 M | 3 | 77,3 | 52,3 M | 4 |
| 77,5 | 27,79 G | 2 | | | |
| 78,6 | 27,88 M | 5 | 78,7 | 51,8 M | 5 |
| 78,6 | 27,88 G | 1 | 78,6 | 51,1 G | 1 |
| 79,0 | 27,85 M | 1 | | | |
| 79,5 | 27,80 G | 11 | 79,6 | 51,9 G | 8 |
| 79,8 | 27,81 J | 6 | 79,7 | 51,8 J | 7 |
| 80,6 | 27,87 M | 10 | 80,7 | 51,4 M | 10 |
| 80,6 | 27,88 G | 14 | 80,6 | 51,8 G | 16 |
| 80,2 | 27,88 J | 3 | 80,2 | 51,9 J | 3 |
| 81,5 | 27,84 M | 11 | 81,5 | 51,8 M | 11 |
| 81,6 | 27,84 G | 19 | 81,5 | 52,2 G | 18 |
| 81,6 | 27,84 J | 7 | 81,5 | 52,1 J | 9 |
| 75,6 | 27$^s$,83 | | 75,7 | 52",2 | |

## 34 σ Sagittaire.

Mouv. propre adopté. $\delta\mathcal{A} = +0^s,003$, $\delta\mathcal{D} = +0'',08$.

I.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | $18^h 45^m$ | | | 116°28′ | |
| 37,5 | 38$^s$,98 G | 1 | 37,7 | 59",8 F | 2 |
| 38,7 | 39,01 G | 2 | | | |
| 39,5 | 39,19 G | 2 | | | |
| 41,7 | 39,06 G | 3 | | | |
| 43,5 | 39,09 G | 2 | | | |
| 46,5 | 39,14 G | 1 | | | |

## 34 σ Sagittaire (suite).

I (suite).

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | $18^h 45^m$ | | | 116°28′ | |
| 47,5 | 39$^s$,14 G | 3 | 47,6 | 59",4 G | 1 |
| 50,5 | 39,11 G | 2 | 50,6 | 61,2 G | 1 |
| 43,3 | 39$^s$,09 | | 44,2 | 60",1 | |

II.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | $18^h 46^m$ | | | 116°27′ | |
| 54,4 | 34$^s$,93 G | 3 | 54,3 | 58",7 G | 1 |
| 55,6 | 34,93 G | 4 | 55,7 | 59,7 G | 1 |
| 56,6 | 34,96 G | 4 | 56,6 | 59,8 G | 4 |
| 57,6 | 34,99 G | 3 | 57,6 | 60,0 G | 4 |
| 58,6 | 35,01 G | 5 | 58,6 | 60,0 G | 7 |
| 59,7 | 34,85 G | 2 | 59,7 | 60,4 G | 1 |
| 60,5 | 34,93 G | 2 | 60,5 | 60,2 G | 2 |
| 61,7 | 34,94 G | 1 | | | |
| 62,7 | 34,86 G | 1 | 62,8 | 60,2 G | 1 |
| 63,6 | 34,84 M | 4 | 63,6 | 59,7 G | 3 |
| 64,7 | 34,93 M | 4 | 64,7 | 60,1 M | 4 |
| 65,5 | 34,84 M | 2 | 65,5 | 59,8 M | 1 |
| 66,6 | 34,95 M | 6 | 66,6 | 59,4 M | 4 |
| 67,5 | 34,94 M | 2 | 67,5 | 59,7 M | 2 |
| 61,0 | 34$^s$,93 | | 61,2 | 59",8 | |

III.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | $18^h 47^m$ | | | 116°26′ | |
| 68,7 | 30$^s$,76 M | 1 | 68,6 | 59",2 M | 1 |
| 71,6 | 30,76 M | 7 | 71,6 | 58,9 M | 7 |
| 71,7 | 30,88 G | 1 | 71,6 | 59,6 G | 1 |
| 72,4 | 30,75 M | 2 | 72,4 | 58,8 M | 2 |
| 73,5 | 30,78 M | 5 | 73,5 | 59,4 M | 5 |
| 74,6 | 30,86 M | 1 | 74,6 | 59,6 M | 1 |
| 74,6 | 30,70 G | 1 | | | |
| | | | 75,6 | 58,8 M | 1 |
| 76,5 | 30,67 M | 2 | 76,5 | 59,5 M | 2 |
| 76,5 | 30,91 G | 1 | 76,5 | 59,7 G | 1 |
| 78,5 | 30,81 M | 1 | 78,5 | 58,6 M | 1 |
| 78,6 | 30,80 G | 1 | 78,6 | 58,2 G | 1 |
| 79,6 | 30,82 J | 4 | 79,6 | 59,0 J | 3 |
| 81,6 | 30,79 J | 2 | 81,6 | 57,2 J | 2 |
| 75,2 | 30$^s$,78 | | 75,2 | 58,9 | |

## 14 γ Lyre.

Mouv. propre adopté. $\delta\mathcal{A} = +0^s,002$, $\delta\mathcal{D} = -0'',02$.

I.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | $18^h 53^m$ | | | 57°31′ | |
| 37,5 | 8$^s$,76 G | 24 | 37,7 | 10",8 F | 4 |
| 38,6 | 8,74 G | 10 | 38,6 | 10,8 F | 3 |
| 39,5 | 8,73 G | 4 | 39,6 | 10,9 F | 1 |
| 40,6 | 8,74 G | 2 | | | |
| 41,6 | 8,75 G | 5 | 41,6 | 10,5 F | 3 |
| 42,3 | 8,78 G | 1 | | | |
| 43,6 | 8,78 G | 1 | | | |
| 45,5 | 8,99 G | 1 | | | |
| 46,7 | 8,76 G | 10 | 46,7 | 9,9 G | 5 |
| | | | 47,9 | 10,7 G | 5 |
| | | | 48,9 | 10,1 G | 2 |
| 50,1 | 8,80 G | 2 | 50,0 | 10,3 G | 4 |
| | | | 50,1 | 10,4 G | 1 |
| 52,8 | 8,81 G | 12 | | | |
| 53,3 | 8,75 G | 13 | 53,0 | 11,8 G | 1 |
| | | | 53,8 | 10,1 G | 1 |
| 44,4 | 8$^s$,77 | | 45,2 | 10",5 | |

## 14 γ Lyre (suite).

II.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | $18^h 53^m$ | | | 57°29′ | |
| 55,8 | 42$^s$,32 G | 1 | | | |
| 60,5 | 42,52 G | 5 | 60,7 | 59",4 G | 4 |
| 61,6 | 42,43 G | 4 | | | |
| 62,5 | 42,29 G | 10 | 62,5 | 60,4 G | 5 |
| 63,5 | 42,36 M | 3 | 63,6 | 58,9 M | 5 |
| 63,5 | 42,35 G | 25 | 63,2 | 60,6 G | 5 |
| 64,7 | 42,38 M | 14 | 64,8 | 60,2 M | 16 |
| 64,7 | 42,34 G | 18 | 64,6 | 60,5 G | 1 |
| 65,4 | 42,35 M | 9 | 65,5 | 60,3 M | 10 |
| 65,7 | 42,36 G | 3 | | | |
| 66,6 | 42,29 M | 5 | 66,6 | 60,6 M | 3 |
| 66,5 | 42,41 G | 4 | 66,6 | 61,0 G | 2 |
| 67,6 | 42,33 M | 4 | 67,5 | 60,2 M | 3 |
| 67,6 | 42,38 G | 7 | 67,6 | 60,1 G | 8 |
| 64,0 | 42$^s$,36 | | 64,7 | 60",2 | |

III.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | $18^h 54^m$ | | | 57°28′ | |
| 68,6 | 16$^s$,04 M | 4 | 68,6 | 51",0 M | 4 |
| 68,6 | 15,97 G | 3 | 68,6 | 49,8 G | 6 |
| 69,6 | 15,99 M | 4 | 69,6 | 50,3 M | 3 |
| | | | 69,6 | 49,7 G | 5 |
| 70,5 | 16,00 G | 11 | 70,5 | 50,3 M | 10 |
| 71,7 | 16,03 M | 5 | 71,7 | 50,0 M | 6 |
| 71,6 | 16,00 G | 11 | 71,6 | 50,0 G | 7 |
| 72,9 | 16,03 M | 2 | 72,9 | 49,7 M | 2 |
| 72,6 | 16,04 G | 13 | 72,5 | 49,3 G | 1 |
| 73,3 | 15,98 M | 2 | 73,3 | 49,8 M | 2 |
| 73,5 | 16,03 G | 4 | 73,5 | 50,0 G | 3 |
| 74,6 | 15,96 M | 11 | 74,5 | 50,0 M | 9 |
| 74,6 | 15,96 G | 1 | 74,6 | 50,2 G | 1 |
| 75,6 | 16,02 M | 3 | 75,6 | 49,8 M | 5 |
| 76,6 | 15,99 M | 14 | 76,6 | 49,5 M | 14 |
| 76,6 | 16,04 G | 3 | 76,6 | 49,6 G | 3 |
| 77,4 | 16,00 M | 3 | 77,4 | 50,4 M | 3 |
| 78,6 | 15,94 M | 4 | 78,7 | 49,8 M | 4 |
| 78,6 | 16,10 G | 1 | 78,6 | 50,3 G | 1 |
| 79,0 | 15,99 M | 1 | | | |
| 79,6 | 15,94 G | 7 | 79,6 | 49,8 G | 7 |
| 79,8 | 16,00 J | 5 | 79,8 | 49,7 J | 5 |
| 80,6 | 16,02 M | 10 | 80,6 | 49,4 M | 10 |
| 80,6 | 16,03 G | 15 | 80,6 | 49,9 G | 12 |
| 80,1 | 16,02 J | 1 | 80,1 | 49,6 J | 1 |
| 81,5 | 16,00 M | 13 | 81,5 | 49,6 M | 13 |
| 81,6 | 16,04 G | 17 | 81,6 | 50,1 G | 17 |
| 81,6 | 16,03 J | 10 | 81,6 | 50,0 J | 13 |
| 75,6 | 16$^s$,00 | | 75,6 | 49",9 | |

## 38 ζ Sagittaire.

Mouv. propre adopté. $\delta\mathcal{A} = -0^s,003$, $\delta\mathcal{D} = +0'',02$.

I.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | $18^h 52^m$ | | | 120°5′ | |
| 37,5 | 44$^s$,66 G | 13 | 37,5[1] | 43",0 F | 8 |
| 38,7 | 44,66 G | 2 | | | |
| 41,5 | 44,79 G | 4 | 41,6 | 43,8 F | 4 |
| 43,6 | 44,75 G | 9 | 43,6 | 43,6 G | 2 |
| | | | 43,4 | 41,4 F | 2 |
| 45,6 | 44,72 G | 1 | | | |
| 46,6 | 44,71 G | 10 | 46,7[2] | 45,0 G | 3 |
| 47,5 | 44,80 G | 2 | | | |
| 48,7 | 44,71 G | 14 | 48,8 | 42,6 G | 2 |
| 49,5 | 44,83 G | 21 | 49,5 | 43,6 G | 13 |
| | | | 49,5 | 43,3 F | 1 |
| 50,6[3] | 44,77 G | 14 | 50,7 | 44,3 G | 4 |
| | | | 50,7 | 45,0 F | 3 |
| 51,6 | 44,74 G | 3 | 51,4 | 43,1 G | 1 |

## 38 ζ Sagittaire (suite).

I (suite).

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | $18^h 52^m$ | | | 120°5′ | |
| 52,5[4] | 44s,74 G | 5 | 52,6 | 43",8 G | 8 |
| | | | 52,5 | 43,9 F | 8 |
| 53,6 | 44,59 G | 1 | 53,6 | 43,2 G | 5 |
| 46,7 | 44s,74 | | 47,8 | 43",6 | |

II.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | $18^h 53^m$ | | | 120°4′ | |
| 54,6 | 42s,12 G | 16 | 54,6 | 34",0 G | 11 |
| 55,6 | 42,06 G | 10 | 55,6 | 35,6 G | 8 |
| 56,6 | 42,08 G | 11 | 56,6 | 34,4 G | 9 |
| 57,5 | 42,09 G | 11 | 57,6 | 34,8 G | 6 |
| 58,6 | 42,08 G | 3 | 58,6 | 33,0 G | 3 |
| 59,6 | 42,23 G | 2 | 59,5 | 34,0 G | 2 |
| | | | 60,4 | 36,1 G | 1 |
| 61,7 | 42,13 G | 2 | | | |
| 63,6 | 42,15 M | 8 | 63,6 | 34,5 M | 6 |
| 64,6 | 42,08 M | 15 | 64,6 | 34,4 M | 12 |
| 66,5 | 42,09 M | 3 | 66,5 | 33,2 M | 3 |
| 59,4 | 42s,10 | | 59,5 | 34",4 | |

III.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | $18^h 54^m$ | | | 120°3′ | |
| 71,5 | 39s,38 M | 1 | 71,5 | 23",6 M | 1 |
| 73,5 | 39,39 M | 5 | 73,5 | 24,3 M | 5 |
| 78,5 | 39,46 M | 1 | 78,5 | 22,3 M | 1 |
| 79,6 | 39,44 J | 1 | 79,6 | 22,8 M | 1 |
| 75,2 | 39s,41 | | 75,2 | 23",5 | |

[1] Août 22, 𝒫 diminuée de 5′.

[2] Septembre 2, 𝒫 diminuée de 1′ : erreur de réduction.

[3] Septembre 7, 𝒜 augmentée de $5^m$.

[4] Juillet 22, 𝒜 augmentée de $1^m$.

## 16 λ Aigle.

Mouv. propre adopté. { δ𝒜 = − 0s,001, δ𝒫 = + 0",07.

I.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | $18^h 58^m$ | | | 95°6′ | |
| 46,5 | 1s,41 G | 2 | | | |
| 48,8 | 1,14 G | 1 | | | |
| 47,4 | 1s,30 | | | | |

II.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | $18^h 58^m$ | | | 95°5′ | |
| 54,7 | 49s,13 G | 2 | 54,8 | 21",5 G | 1 |
| 55,6 | 49,12 G | 4 | 55,6 | 21,0 G | 9 |
| 59,5 | 49,26 G | 1 | 59,5 | 21,2 G | 2 |
| 60,8 | 48,92 G | 1 | 60,7 | 20,8 G | 4 |
| 63,6 | 49,10 G | 6 | 63,6 | 20,8 G | 7 |
| 64,7 | 49,08 M | 9 | 64,7 | 20,9 M | 8 |
| 65,4 | 49,12 M | 9 | 65,5 | 19,5 M | 9 |
| 66,6 | 49,12 M | 3 | 66,6 | 21,6 M | 4 |
| 67,5 | 49,09 M | 8 | 67,6 | 20,6 M | 7 |
| 67,6 | 49,29 G | 1 | 67,6 | 21,1 G | 1 |
| 63,0 | 49s,11 | | 62,7 | 20",8 | |

III.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | $18^h 59^m$ | | | 95°4′ | |
| 68,6 | 36s,83 M | 11 | 68,7 | 5",1 M | 9 |
| 69,6 | 36,83 M | 3 | 69,6 | 5,5 M | 3 |

## 16 λ Aigle (suite).

III (suite).

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | $18^h 59^m$ | | | 95°4′ | |
| 70,6 | 36s,85 M | 7 | 70,6 | 5",0 M | 7 |
| 71,6 | 36,89 M | 6 | 71,6 | 5,1 M | 5 |
| 72,6 | 36,88 M | 5 | 72,6 | 4,6 M | 7 |
| 73,6 | 36,84 M | 8 | 73,6 | 4,5 M | 8 |
| 74,6 | 36,86 M | 8 | 74,6 | 4,8 M | 9 |
| 74,5 | 36,91 G | 10 | 74,5 | 5,3 G | 9 |
| 75,6 | 37,01 M | 3 | 75,6 | 5,0 M | 5 |
| 75,5 | 36,86 G | 9 | 75,5 | 5,3 G | 5 |
| 76,6 | 36,84 M | 14 | 76,6 | 4,8 M | 14 |
| 76,6 | 36,85 G | 20 | 76,6 | 5,2 G | 20 |
| 77,5 | 36,85 M | 3 | 77,5 | 4,8 M | 3 |
| 77,6 | 36,87 G | 2 | | | |
| 78,6 | 36,84 M | 6 | 78,6 | 5,5 M | 7 |
| 78,6 | 36,87 G | 5 | 78,6 | 5,8 G | 2 |
| 79,6 | 36,90 M | 5 | 79,6 | 5,0 M | 5 |
| 79,6 | 36,87 J | 15 | 79,6 | 5,3 J | 15 |
| 80,6 | 36,83 M | 20 | 80,6 | 5,2 M | 20 |
| 80,6 | 36,85 G | 2 | 80,6 | 5,1 G | 2 |
| 80,7 | 36,83 J | 2 | 80,7 | 6,4 J | 2 |
| 81,5 | 36,85 M | 15 | 81,5 | 4,9 M | 17 |
| 81,6 | 36,88 G | 8 | 81,5 | 5,3 G | 9 |
| 81,5 | 36,91 J | 10 | 81,5 | 4,9 J | 12 |
| 75,6 | 36s,86 | | 75,6 | 5",1 | |

## 17 ζ Aigle.

Mouv. propre adopté. { δ𝒜 = − 0s,004, δ𝒫 = + 0",07.

I.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | $18^h 58^m$ | | | 76°21′ | |
| 37,5 | 17s,13 G | 44 | 37,7 | 44",5 F | 16 |
| 38,7 | 17,17 G | 17 | 38,7 | 44,7 F | 9 |
| 39,6 | 17,15 G | 18 | 39,6 | 45,7 F | 2 |
| 40,6 | 17,14 G | 26 | 40,6 | 46,3 F | 8 |
| 41,6 | 17,15 G | 27 | 41,6 | 45,1 F | 14 |
| 42,5 | 17,14 G | 14 | 42,4[1] | 45,3 F | 3 |
| 43,7 | 17,17 G | 39 | 43,7 | 44,9 G | 13 |
| | | | 43,6 | 45,4 F | 6 |
| 44,6 | 17,19 G | 11 | 44,6 | 45,0 G | 5 |
| | | | 44,6 | 45,0 F | 2 |
| 45,6 | 17,17 G | 24 | 45,6 | 45,8 G | 1 |
| | | | 45,5 | 46,8 F | 1 |
| 46,6 | 17,18 G | 36 | 46,7 | 45,4 G | 7 |
| | | | 46,6 | 46,1 F | 10 |
| 47,6 | 17,19 G | 18 | 47,8 | 45,5 G | 9 |
| | | | 47,7 | 45,7 F | 1 |
| 48,6 | 17,21 G | 28 | 48,5 | 45,6 G | 9 |
| 49,6 | 17,20 G | 29 | 49,7 | 45,1 G | 10 |
| | | | 49,5 | 44,4 F | 1 |
| 50,5 | 17,19 G | 23 | 50,6 | 45,2 G | 10 |
| | | | 50,7 | 46,9 F | 2 |
| 51,6 | 17,31 G | 4 | | | |
| 52,7 | 17,19 G | 21 | 52,7 | 45,9 G | 6 |
| | | | 52,5 | 44,9 F | 8 |
| 53,4 | 17,20 G | 16 | 53,9 | 44,7 G | 1 |
| | | | 53,6 | 45,5 F | 5 |
| 45,4 | 17s,18 | | 45,4 | 45",3 | |

II.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | $18^h 58^m$ | | | 76°20′ | |
| 54,6 | 58s,46 G | 45 | 54,6 | 30",1 G | 16 |
| 55,6 | 58,48 G | 20 | 55,6 | 30,0 G | 11 |
| 56,5 | 58,50 G | 53 | 56,5 | 30,2 G | 37 |
| 57,5 | 58,45 G | 51 | 57,6 | 30,0 G | 25 |
| 58,6 | 58,50 G | 44 | 58,6 | 30,2 G | 25 |
| | | | 58,6 | 29,5 F | 2 |
| 59,5 | 58,51 G | 29 | 59,6 | 30,0 G | 15 |
| 60,6 | 58,44 G | 16 | 60,6 | 29,4 G | 4 |
| 61,7 | 58,49 G | 24 | 61,6 | 30,4 G | 6 |
| 62,6 | 58,52 G | 14 | 62,6 | 30,3 G | 6 |

## 17 ζ Aigle (suite).

II (suite).

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | $18^h 58^m$ | | | 76°20′ | |
| 63,6 | 58s,54 M | 13 | 63,6 | 30",3 M | 12 |
| 63,5 | 58,50 G | 25 | 63,2 | 30,3 G | 5 |
| 64,7 | 58,53 M | 4 | 64,7 | 29,9 M | 3 |
| 64,6 | 58,50 G | 19 | | | |
| 65,6 | 58,53 M | 3 | 65,7 | 30,1 M | 4 |
| 65,7 | 58,57 G | 3 | 65,6 | 30,6 G | 1 |
| 66,5 | 58,49 M | 2 | 66,5 | 30,1 M | 2 |
| 66,6 | 58,49 G | 3 | 66,5 | 30,4 G | 2 |
| 67,5 | 58,52 M | 4 | 67,5 | 30,8 M | 4 |
| 67,7 | 58,48 G | 1 | 67,7 | 29,9 G | 1 |
| 60,3 | 58s,51 | | 60,1 | 30",1 | |

III.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | $18^h 59^m$ | | | 76°19′ | |
| | | | 68,6 | 14",0 G | 3 |
| 69,6 | 39s,80 M | 1 | 69,5 | 14,5 G | 1 |
| 70,6 | 39,83 G | 7 | 70,6 | 14,1 G | 7 |
| 71,6 | 39,81 M | 4 | 71,5 | 13,8 M | 3 |
| 71,6 | 39,81 G | 20 | 71,6 | 14,0 G | 10 |
| 72,4 | 39,77 M | 3 | 72,4 | 14,0 M | 3 |
| 72,6 | 39,84 G | 12 | 72,5 | 14,4 G | 1 |
| 73,6 | 39,79 M | 2 | 73,6 | 14,3 M | 2 |
| 73,5 | 39,84 G | 5 | 73,5 | 14,1 G | 3 |
| 74,7 | 39,84 M | 15 | 74,6 | 14,2 M | 13 |
| 75,6 | 39,79 M | 3 | 75,6 | 14,3 M | 3 |
| 76,5 | 39,85 M | 5 | 76,5 | 14,2 M | 7 |
| 76,5 | 39,78 G | 1 | 76,5 | 13,5 G | 1 |
| | | | 77,6 | 14,3 M | 1 |
| 78,6 | 39,86 M | 1 | 78,6 | 14,4 M | 1 |
| 78,6 | 39,82 G | 1 | 78,6 | 13,6 G | 1 |
| 79,5 | 39,86 G | 9 | 79,6 | 14,4 G | 6 |
| 79,9 | 39,84 J | 3 | 79,9 | 14,4 J | 3 |
| 80,6 | 39,82 G | 16 | 80,6 | 14,8 G | 16 |
| 80,7 | 39,89 J | 2 | 80,6 | 15,1 J | 2 |
| 81,4 | 39,87 M | 7 | 81,5 | 14,9 M | 6 |
| 81,6 | 39,88 G | 9 | 81,6 | 14,3 G | 7 |
| 81,6 | 39,92 J | 2 | 81,6 | 14,7 J | 4 |
| 76,4 | 39s,84 | | 75,7 | 14",3 | |

[1] Avril 10, 𝒫 diminuée de 30",3 : erreur de réduction.

## 41 π Sagittaire.

Mouv. propre adopté. { δ𝒜 = − 0s,002, δ𝒫 = 0",00.

I.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | $19^h 0^m$ | | | 111°15′ | |
| 37,6[1] | 32s,57 G | 17 | 37,7 | 50",8 F | 2 |
| 38,7 | 32,56 G | 4 | 38,7 | 51,7 F | 2 |
| 39,5 | 32,65 G | 1 | | | |
| 41,6 | 32,50 G | 5 | | | |
| 43,6 | 32,57 G | 1 | | | |
| 46,6 | 32,58 G | 3 | 46,6 | 52,2 G | 2 |
| 47,5 | 32,58 G | 2 | 47,7 | 51,8 G | 2 |
| 48,6 | 32,50 G | 3 | 48,5 | 50,5 G | 1 |
| | | | 48,5 | 50,8 F | 1 |
| 49,5 | 32,58 G | 5 | 49,5 | 53,5 G | 1 |
| 50,5 | 32,59 G | 6 | 50,5 | 52,8 G | 2 |
| | | | 50,6 | 50,9 F | 2 |
| 51,6 | 32,62 G | 3 | | | |
| 52,6 | 32,52 G | 4 | 52,5 | 50,9 F | 1 |
| 53,6 | 32,70 G | 2 | 53,8 | 51,1 G | 1 |
| 45,8 | 32s,57 | | 46,9 | 51",6 | |

II.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | $19^h 1^m$ | | | 111°14′ | |
| 54,8 | 26s,16 G | 4 | | | |
| 55,6 | 26,12 G | 8 | 55,6 | 31",3 G | 4 |

### 41 π Sagittaire (suite).

II (suite).

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 19h 1m | | | 111° 14' | |
| 56,6 | 26s,16 G | 7 | 56,6 | 33",0 G | 1 |
| 57,6 | 26,23 G | 4 | | | |
| 58,6 | 26,17 G | 5 | 58,6 | 32,2 G | 1 |
| 59,7 | 26,26 G | 2 | 59,6 | 32,0 G | 3 |
| 60,8 | 26,12 G | 4 | 60,7 | 32,8 G | 6 |
| 61,6 | 26,18 G | 1 | 61,5 | 31,6 G | 1 |
| 62,8 | 26,19 G | 2 | 62,7 | 32,9 G | 2 |
| 63,5 | 26,16 M | 7 | 63,5 | 32,4 M | 7 |
| 63,5 | 26,19 G | 2 | 63,5 | 32,5 G | 2 |
| 64,6 | 26,17 M | 15 | 64,6 | 33,3 M | 16 |
| 65,5 | 26,15 M | 10 | 65,6 | 32,4 M | 8 |
| 66,6 | 26,20 M | 6 | 66,6 | 32,1 M | 7 |
| 67,6 | 26,07 M | 1 | 67,6 | 31,4 M | 2 |
| 61,2 | 26s,17 | | 62,7 | 32",4 | |

III.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 19h 2m | | | 111° 13' | |
| 68,7 | 19s,72 M | 3 | 68,7 | 12",9 M | 4 |
| 69,6 | 19,63 M | 8 | 69,6 | 12,3 M | 8 |
| | | | 69,6 | 13,0 G | 1 |
| 70,6 | 19,73 M | 5 | 70,6 | 12,1 M | 5 |
| 71,5 | 19,71 M | 2 | 71,5 | 13,5 M | 1 |
| 72,5 | 19,72 M | 7 | 72,5 | 12,2 M | 7 |
| 73,6 | 19,71 M | 7 | 73,6 | 13,0 M | 6 |
| 74,5 | 19,71 M | 5 | 74,5 | 13,1 M | 5 |
| 75,6 | 19,67 M | 2 | 75,6 | 12,5 M | 2 |
| 76,6 | 19,69 M | 6 | 76,6 | 12,7 M | 6 |
| 76,6 | 19,73 G | 9 | 76,6 | 13,5 G | 8 |
| 77,5 | 19,66 M | 2 | 77,6 | 13,3 M | 2 |
| 77,5 | 19,79 G | 1 | | | |
| 78,6 | 19,71 M | 3 | 78,6 | 12,4 M | 4 |
| 78,6 | 19,72 G | 2 | 78,6 | 13,4 G | 1 |
| 78,6 | 19,69 J | 1 | | | |
| 79,6 | 19,72 J | 8 | 79,6 | 13,0 J | 9 |
| 80,8 | 19,70 M | 2 | 80,6 | 12,3 M | 2 |
| 80,6 | 19,73 G | 1 | 80,6 | 12,0 G | 1 |
| 80,7 | 19,74 J | 1 | 80,7 | 13,1 J | 1 |
| 81,5 | 19,76 M | 12 | 81,5 | 12,7 M | 12 |
| 81,6 | 19,83 G | 3 | 81,5 | 12,9 G | 2 |
| 81,5 | 19,72 J | 5 | 81,5 | 12,3 J | 4 |
| 75,6 | 19s,71 | | 75,5 | 12",7 | |

[1] Septembre 10, 𝒜 augmentée de 5s : erreur de moy.

### 25 ω Aigle.

Mouv. propre adopté. { $\delta\mathcal{A} = -0^s,001$, $\delta\mathcal{P} = +0'',06$.

I.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 19h 10m | | | 78° 40' | |
| 37,6 | 32s,45 G | 4 | 37,5 | 47",2 F | 1 |
| 38,8 | 32,37 G | 1 | | | |
| 40,5 | 32,43 G | 1 | | | |
| 41,6 | 32,37 G | 1 | | | |
| 46,6 | 32,44 G | 1 | | | |
| 53,8 | 32,56 G | 1 | | | |
| 42,4 | 32s,44 | | 37,5 | 47",2 | |

II.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 19h 11m | | | 78° 39' | |
| 54,4 | 14s,67 G | 1 | | | |
| 57,6 | 14,66 G | 10 | 57,5 | 14",8 G | 5 |
| 58,6 | 14,64 G | 17 | 58,6 | 15,1 G | 10 |
| 59,6 | 14,67 G | 18 | 59,6 | 15,1 G | 7 |
| 60,6 | 14,70 G | 9 | 60,6 | 14,8 G | 7 |
| 61,6 | 14,68 G | 12 | 61,6 | 15,3 G | 4 |
| 62,6 | 14,71 G | 12 | 62,7 | 15,0 G | 2 |
| 63,6 | 14,65 M | 16 | 63,6 | 14,8 M | 17 |

### 25 ω Aigle (suite).

II (suite).

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 19h 11m | | | 78° 39' | |
| 63,6 | 14s,66 G | 22 | 63,5 | 15",5 G | 2 |
| 64,6 | 14,66 M | 10 | 64,6 | 14,7 M | 11 |
| 64,6 | 14,65 G | 15 | 64,6 | 15,4 G | 4 |
| 65,6 | 14,63 M | 6 | 65,6 | 14,7 M | 5 |
| 65,6 | 14,66 G | 4 | | | |
| 66,6 | 14,68 M | 15 | 66,6 | 15,0 M | 15 |
| 66,6 | 14,69 G | 5 | 66,5 | 15,4 G | 3 |
| 67,6 | 14,69 M | 5 | 67,6 | 14,8 M | 5 |
| | | | 67,6 | 15,9 G | 1 |
| 62,4 | 14s,67 | | 62,9 | 15",0 | |

III.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 19h 11m | | | 78° 37' | |
| 68,6 | 56s,90 M | 15 | 68,6 | 42",1 M | 13 |
| 69,6 | 56,88 M | 4 | 69,6 | 42,5 M | 5 |
| | | | 69,6 | 42,4 G | 7 |
| 70,5 | 56,94 M | 9 | 70,5 | 41,6 M | 7 |
| 71,5 | 56,94 M | 5 | 71,5 | 41,8 M | 5 |
| 71,6 | 56,90 G | 16 | 71,6 | 42,8 G | 10 |
| 72,6 | 56,97 M | 1 | 72,6 | 41,8 M | 2 |
| 72,6 | 56,90 G | 14 | | | |
| 73,6 | 56,90 M | 17 | 73,6 | 41,7 M | 15 |
| 73,5 | 56,91 G | 3 | 73,5 | 42,3 G | 1 |
| 74,6 | 56,91 M | 9 | 74,6 | 41,6 M | 9 |
| 74,6 | 56,88 G | 9 | 74,6 | 42,4 G | 9 |
| 75,6 | 56,89 M | 10 | 75,6 | 41,7 M | 10 |
| 75,6 | 56,93 G | 13 | 75,6 | 41,9 G | 10 |
| 76,6 | 56,93 M | 8 | 76,6 | 42,3 M | 8 |
| 76,6 | 56,90 G | 17 | 76,6 | 41,9 G | 20 |
| 77,6 | 56,88 M | 4 | 77,6 | 41,6 M | 6 |
| 77,6 | 56,88 G | 3 | | | |
| 78,6 | 56,93 M | 6 | 78,6 | 41,5 M | 7 |
| 78,6 | 56,88 G | 7 | 78,6 | 41,8 G | 4 |
| 78,6 | 56,98 J | 1 | | | |
| 79,6 | 56,93 M | 7 | 79,6 | 41,9 M | 7 |
| 79,6 | 56,94 G | 6 | 79,6 | 42,0 G | 6 |
| 79,6 | 56,91 J | 14 | 79,6 | 42,5 J | 15 |
| 80,6 | 56,93 M | 15 | 80,6 | 42,1 M | 18 |
| 80,6 | 56,88 G | 17 | 80,6 | 42,6 G | 20 |
| 80,7 | 56,89 J | 4 | 80,7 | 42,3 J | 4 |
| 81,6 | 56,95 M | 16 | 81,6 | 42,4 M | 16 |
| 81,6 | 56,94 G | 13 | 81,6 | 42,3 G | 13 |
| 81,6 | 56,96 J | 10 | 81,6 | 42,4 J | 12 |
| 75,6 | 56s,91 | | 75,7 | 42",0 | |

### 57 δ Dragon.

Mouv. propre adopté. { $\delta\mathcal{A} = +0^s,021$, $\delta\mathcal{P} = -0'',07$.

I.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 19h 12m | | | 22° 36' | |
| 37,5 | 30s,13 G | 4 | 37,5 | 37",6 F | 2 |
| 38,7 | 30,22 G | 4 | 38,8 | 38,5 F | 1 |
| 39,8 | 30,54 G | 1 | | | |
| 41,6 | 30,37 G | 1 | 41,7 | 40,9 F | 1 |
| 42,3 | 30,12 G | 1 | 42,3 | 42,4 F | 1 |
| 43,9 | 30,29 G | 1 | | | |
| 45,6 | 30,26 G | 2 | | | |
| 46,7 | 30,08 G | 6 | 46,6 | 39,1 G | 5 |
| | | | 46,6 | 39,3 F | 1 |
| 47,3 | 30,05 G | 5 | 47,7 | 40,1 G | 7 |
| | | | 47,8 | 38,5 F | 1 |
| 48,6 | 30,24 G | 8 | 48,9 | 40,7 G | 4 |
| 49,6 | 30,21 G | 6 | 49,9 | 39,5 G | 3 |
| | | | 49,5 | 40,4 F | 1 |
| 50,5 | 30,11 G | 9 | 50,4 | 39,7 G | 4 |
| | | | 51,8 | 39,8 G | 1 |
| 52,8 | 30,19 G | 15 | 52,6 | 40,4 G | 6 |

### 57 δ Dragon (suite).

I (suite).

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 19h 12m | | | 22° 36' | |
| | | | 52,5 | 39",8 F | 8 |
| | | | 52,8 I[1] | 38,6 F | 6 |
| 53,4 | 30s,15 G | 15 | 53,7 | 39,8 G | 7 |
| | | | 53,6 | 40,2 F | 6 |
| 47,3 | 30s,18 | | 48,5 | 39",8 | |

II.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 19h 12m | | | 22° 35' | |
| 54,6 | 30s,72 G | 8 | 54,6 | 5",2 G | 21 |
| | | | 54,2 | 7,0 F | 1 |
| | | | 54,2 I | 7,7 G | 1 |
| 55,6 | 30,85 G | 5 | 55,6 | 5,4 G | 24 |
| | | | 55,2 I | 4,2 G | 6 |
| 56,6 | 30,48 G | 1 | 56,5 | 4,9 G | 19 |
| | | | 56,1 I | 3,9 G | 10 |
| 57,6 | 30,99 G | 1 | 57,4 | 4,6 G | 12 |
| | | | 57,2 I | 4,9 G | 13 |
| | | | 58,3 | 4,9 G | 13 |
| | | | 58,1 I | 6,0 G | 4 |
| | | | 58,1 I | 5,2 F | 1 |
| 59,2 | 30,70 G | 3 | 59,2 | 5,3 G | 6 |
| | | | 59,1 I | 5,4 G | 7 |
| 60,1 | 30,74 M | 1 | 60,7 | 4,5 G | 3 |
| | | | 62,0 | 5,4 G | 1 |
| 63,6 | 30,74 M | 1 | 63,6 | 3,8 M | 1 |
| 63,1 | 31,04 G | 1 | 63,1 | 4,4 G | 7 |
| | | | 63,1 I | 5,5 G | 1 |
| 65,0 | 30,59 M | 1 | 65,0 | 2,4 M | 1 |
| | | | 65,1 I | 3,4 M | 3 |
| 58,2 | 30s,76 | | 58,1 | 4",9 | |

III.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 19h 12m | | | 22° 33' | |
| | | | 68,6 | 30",5 G | 3 |
| 79,9[2] | 30s,95 J | 1 | 79,9 | 30,8 J | 1 |
| 79,9 | 30s,95 | | 72,7 | 30",6 | |

[1] Novembre 17, 𝒫 diminuée de 2" : erreur de moy.

[2] Décembre 2, 𝒜 augmentée de 0s,20 : erreur de réduction.

### 31 b Aigle.

Mouv. propre adopté. { $\delta\mathcal{A} = +0^s,054$, $\delta\mathcal{P} = -0'',69$.

I.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 19h 17m | | | 78° 22' | |
| 38,8 | 34s,43 G | 1 | | | |
| | | | 41,5 | 56",7 F | 1 |
| 43,8 | 34,68 G | 1 | | | |
| | | | 50,8 | 57,7 F | 1 |
| 41,3 | 34s,56 | | 46,2 | 57",2 | |

II.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 19h 18m | | | 78° 21' | |
| 55,6 | 17s,62 G | 4 | 55,5 | 6",5 G | 2 |
| 56,6 | 17,42 G | 3 | 56,6 | 7,1 G | 3 |
| 65,6 | 17,66 M | 1 | 65,6 | 7,1 M | 1 |
| 66,6 | 17,72 G | 1 | 66,6 | 7,3 M | 1 |
| 67,6 | 17,87 G | 2 | 67,6 | 7,8 G | 2 |
| 61,2 | 17s,64 | | 61,6 | 7",2 | |

## 31 *b* Aigle (suite).

III.

| Ép. moy. annuelle. | Æ. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 19h 19m | | | 78° 19′ | |
| 68,6 | 0$^s$,46 M | 2 | 68,6 | 16″,8 M | 2 |
| 69,6 | 0,52 M | 1 | 69,6 | 16,5 M | 1 |
| | | | 69,6 | 16,9 G | 2 |
| 71,6 | 0,47 M | 1 | 71,6 | 16,1 M | 1 |
| 73,6 | 0,53 G | 4 | 73,6 | 16,7 M | 1 |
| 74,6 | 0,64 M | 2 | 74,6 | 15,6 M | 2 |
| 74,6 | 0,66 G | 1 | | | |
| 75,5 | 0,53 M | 1 | 75,5 | 16,5 M | 1 |
| 76,6 | 0,48 G | 17 | 76,6 | 16,9 G | 14 |
| 77,5 | 0,63 G | 2 | 77,7 | 16,5 M | 1 |
| 78,6 | 0,65 G | 2 | 78,6 | 16,9 G | 1 |
| 79,6 | 0,63 M | 1 | 79,6 | 16,9 M | 1 |
| 79,6 | 0,58 G | 7 | 79,6 | 16,4 G | 6 |
| 79,6 | 0,64 J | 2 | 79,6 | 17,5 J | 2 |
| 80,6 | 0,63 M | 4 | 80,6 | 17,0 M | 4 |
| 80,6 | 0,68 G | 10 | 80,6 | 17,2 G | 11 |
| 80,7 | 0,58 J | 2 | 80,7 | 17,9 J | 3 |
| 81,6 | 0,62 M | 3 | 81,6 | 18,1 M | 3 |
| 81,6 | 0,63 G | 8 | 81,6 | 16,9 G | 9 |
| 81,6 | 0,61 J | 1 | 81,6 | 16,9 J | 3 |
| 77,1 | 0$^s$,58 | | 77,1 | 16″,8 | |

## 30 δ Aigle.

Mouv. propre adopté. $\delta\mathcal{A} = +0^s,016$, $\delta\mathcal{P} = -0'',10$.

I.

| Ép. moy. annuelle. | Æ. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 19h 17m | | | 87° 11′ | |
| 37,6 | 40$^s$,95 G | 35 | 37,6 | 22″,2 F | 12 |
| 38,7 | 40,94 G | 16 | 38,7 | 21,8 F | 7 |
| 39,6 | 40,96 G | 18 | 39,6 | 21,8 F | 4 |
| 40,6 | 40,98 G | 24 | 40,6 | 21,6 F | 12 |
| 41,6 | 40,95 G | 30 | 41,6 | 21,8 F | 16 |
| 42,5 | 40,97 G | 14 | 42,6 | 22,4 F | 11 |
| 43,7 | 40,94 G | 35 | 43,7 | 22,3 G | 15 |
| | | | 43,7 | 21,8 F | 6 |
| 44,6 | 40,94 G | 13 | 44,6 | 22,8 G | 1 |
| | | | 44,6 | 22,5 F | 1 |
| 45,6 | 40,95 G | 24 | 45,6 | 22,3 G | 2 |
| | | | 45,6 | 22,2 F | 3 |
| 46,6 | 40,95 G | 40 | 46,6 | 22,5 G | 13 |
| | | | 46,5 | 22,1 F | 12 |
| 47,7 | 40,94 G | 18 | 47,8 | 22,3 G | 9 |
| | | | 47,7 | 22,4 F | 4 |
| 48,6 | 40,96 G | 28 | 48,7 | 21,6 G | 6 |
| 49,6 | 40,97 G | 23 | 49,7 | 22,4 G | 4 |
| | | | 49,5 | 22,6 F | 1 |
| 50,6 | 40,94 G | 17 | 50,5 | 22,3 G | 15 |
| | | | 50,5 | 23,5 F | 1 |
| 51,7 | 40,95 G | 7 | | | |
| 52,7 | 40,95 G | 19 | 52,7 | 22,6 G | 6 |
| | | | 52,5 | 23,3 F | 8 |
| 53,5 | 40,96 G | 21 | 53,7 | 22,2 G | 6 |
| | | | 53,6 | 22,2 F | 6 |
| 45,4 | 40$^s$,95 | | 45,5 | 22″,2 | |

II.

| Ép. moy. annuelle. | Æ. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 19h 18m | | | 87° 9′ | |
| 54,6 | 26$^s$,30 G | 25 | 54,7 | 40″,6 G | 11 |
| 55,6 | 26,33 G | 19 | 55,5 | 39,9 G | 21 |
| 56,5 | 26,34 G | 23 | 56,6 | 40,5 G | 18 |
| 57,6 | 26,31 G | 39 | 57,5 | 40,3 G | 12 |
| 58,6 | 26,34 G | 33 | 58,6 | 40,5 G | 25 |
| | | | 58,7 | 41,0 F | 1 |
| 59,6 | 26,31 G | 27 | 59,6 | 40,4 G | 15 |
| 60,6 | 26,31 G | 16 | 60,6 | 40,3 G | 10 |
| 61,7 | 26,31 G | 22 | 61,6 | 40,8 G | 8 |
| 62,6 | 26,33 G | 12 | 62,6 | 40,5 G | 3 |
| 63,6 | 26,33 M | 16 | 63,6 | 40,6 M | 18 |

## 30 δ Aigle (suite).

II (suite).

| Ép. moy. annuelle. | Æ. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 19h 18m | | | 87° 9′ | |
| 63,6 | 26$^s$,33 G | 16 | 63,5 | 40″,9 G | 1 |
| 64,7 | 26,32 M | 23 | 64,7 | 40,6 M | 22 |
| 64,6 | 26,32 G | 10 | | | |
| 65,6 | 26,30 M | 5 | 65,7 | 40,5 M | 6 |
| 65,7 | 26,30 G | 5 | | | |
| 66,6 | 26,28 M | 9 | 66,5 | 40,3 M | 5 |
| 66,5 | 26,28 G | 1 | 66,5 | 40,4 G | 1 |
| 67,6 | 26,29 M | 7 | 67,6 | 40,7 M | 7 |
| 60,6 | 26$^s$,32 | | 60,6 | 40″,5 | |

III.

| Ép. moy. annuelle. | Æ. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 19h 19m | | | 87° 7′ | |
| 68,7 | 11$^s$,72 M | 12 | 68,7 | 58″,2 M | 13 |
| 68,6 | 11,71 G | 2 | 68,6 | 57,6 G | 2 |
| 69,6 | 11,78 M | 8 | 69,6 | 58,0 M | 8 |
| | | | 69,6 | 58,6 G | 1 |
| 70,6 | 11,66 G | 8 | 70,6 | 57,7 M | 8 |
| 70,5 | 11,67 G | 3 | 70,5 | 57,7 G | 3 |
| 71,6 | 11,66 M | 7 | 71,6 | 57,8 M | 7 |
| 71,6 | 11,66 G | 9 | 71,6 | 57,7 G | 2 |
| 72,6 | 11,75 M | 5 | 72,6 | 57,6 M | 5 |
| 72,6 | 11,70 G | 16 | | | |
| 73,6 | 11,67 M | 15 | 73,6 | 57,6 M | 13 |
| 74,7 | 11,68 M | 11 | 74,7 | 57,6 M | 11 |
| 74,6 | 11,70 G | 11 | 74,6 | 58,0 G | 10 |
| 75,6 | 11,71 M | 8 | 75,6 | 58,1 M | 9 |
| 75,6 | 11,68 G | 12 | 75,6 | 57,8 G | 10 |
| 76,5 | 11,74 M | 6 | 76,5 | 57,8 M | 6 |
| 76,6 | 11,74 G | 3 | 76,5 | 57,5 G | 3 |
| 77,7 | 11,72 M | 6 | 77,5 | 57,7 M | 7 |
| 78,6 | 11,72 M | 11 | 78,6 | 57,5 M | 12 |
| 78,6 | 11,65 G | 5 | 78,6 | 57,9 G | 4 |
| 78,6 | 11,69 J | 1 | | | |
| 79,6 | 11,73 M | 7 | 79,6 | 57,0 M | 7 |
| 79,5 | 11,74 G | 1 | | | |
| 79,7 | 11,70 J | 12 | 79,7 | 58,1 J | 14 |
| 80,7 | 11,70 M | 13 | 80,7 | 58,2 M | 15 |
| 80,6 | 11,72 G | 3 | 80,6 | 57,4 G | 4 |
| 80,7 | 11,57 J | 3 | 80,7 | 58,3 J | 3 |
| 81,6 | 11,70 M | 13 | 81,6 | 57,9 M | 15 |
| 81,6 | 11,66 G | 3 | 81,6 | 58,1 G | 5 |
| 81,6 | 11,73 J | 8 | 81,6 | 58,1 J | 8 |
| 75,2 | 11$^s$,70 | | 75,8 | 57″,8 | |

## 6 β¹ Cygne.

Mouv. propre adopté. $\delta\mathcal{A} = -0^s,001$, $\delta\mathcal{P} = -0'',01$.

I.

| Ép. moy. annuelle. | Æ. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 19h 24m | | | 62° 21′ | |
| 37,6 | 28$^s$,20 G | 13 | 37,6 | 45″,5 F | 6 |
| 38,7 | 28,35 G | 12 | 38,7 | 44,4 F | 4 |
| 39,7 | 28,22 G | 3 | 39,7 | 43,8 F | 1 |
| 40,6 | 28,24 G | 3 | 40,5 | 44,2 F | 2 |
| 41,6[1] | 28,27 G | 13 | 41,6 | 43,9 F | 7 |
| 42,4 | 28,26 G | 6 | 42,4 | 43,0 F | 5 |
| 43,7 | 28,27 G | 7 | 43,7 | 42,5 F | 3 |
| 46,7 | 28,30 G | 20 | 46,7 | 43,9 G | 2 |
| 47,4 | 28,25 G | 4 | 47,6 | 43,4 G | 1 |
| | | | 47,7 | 42,6 F | 1 |
| 48,5 | 28,30 G | 6 | | | |
| 49,5 | 28,24 G | 11 | 50,0 | 45,4 G | 1 |
| 50,6 | 28,28 G | 15 | 50,6 | 43,6 G | 7 |
| | | | 50,6 | 43,5 G | 2 |
| 51,7 | 28,31 G | 9 | 51,5 | 42,0 G | 1 |
| 52,7 | 28,24 G | 19 | 52,6 | 43,5 G | 6 |
| | | | 52,5 | 43,2 F | 8 |
| 53,6 | 28,35 G | 28 | 53,7 | 43,6 G | 8 |
| | | | 53,6 | 44,4 F | 7 |
| 46,4 | 28$^s$,27 | | 46,2 | 43″,7 | |

## 6 β¹ Cygne (suite).

II.

| Ép. moy. annuelle. | Æ. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 19h 25m | | | 62° 19′ | |
| 54,4 | 4$^s$,48 G | 17 | 54,4 | 54″,6 G | 9 |
| | | | 54,2 | 56,3 F | 1 |
| 55,7 | 4,51 G | 8 | 55,6 | 54,7 G | 21 |
| 56,5 | 4,54 G | 14 | 56,7 | 54,8 G | 8 |
| 57,3 | 4,46 G | 15 | 57,5 | 55,0 G | 6 |
| 58,7 | 4,48 G | 13 | 58,7 | 55,5 G | 6 |
| 59,4 | 4,52 G | 13 | 59,7 | 54,7 G | 3 |
| 60,4 | 4,58 G | 7 | 60,7 | 54,7 G | 7 |
| 61,6 | 4,45 G | 12 | 61,6 | 54,7 G | 5 |
| 62,6 | 4,47 G | 6 | 62,7 | 54,3 G | 1 |
| 63,6 | 4,52 M | 8 | 63,6 | 55,2 M | 10 |
| 63,6 | 4,48 G | 13 | 63,2 | 55,0 G | 2 |
| 64,6 | 4,48 M | 15 | 64,7 | 54,9 M | 16 |
| 64,6 | 4,51 G | 12 | 64,6 | 54,4 G | 6 |
| 65,4 | 4,51 M | 13 | 65,4 | 54,8 M | 11 |
| 65,7 | 4,55 G | 5 | | | |
| 66,6 | 4,52 M | 12 | 66,6 | 55,1 M | 12 |
| 66,6 | 4,51 G | 7 | 66,5 | 54,6 G | 4 |
| 67,7 | 4,48 M | 3 | 67,7 | 55,4 M | 3 |
| 67,6 | 4,49 G | 8 | 67,6 | 54,6 G | 8 |
| 61,3 | 4$^s$,50 | | 61,6 | 54″,8 | |

III.

| Ép. moy. annuelle. | Æ. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 19m 25m | | | 62° 18′ | |
| 68,8 | 40$^s$,84 M | 1 | 68,6 | 6″,2 M | 1 |
| 68,6 | 40,69 G | 1 | 68,6 | 5,2 G | 2 |
| 69,6 | 40,83 M | 3 | 69,6 | 5,4 M | 2 |
| | | | 69,6 | 5,1 G | 5 |
| 70,6 | 40,79 G | 4 | 70,6 | 4,7 G | 3 |
| 71,3 | 40,79 M | 3 | 71,3 | 4,8 M | 3 |
| 71,6 | 40,75 G | 1 | 71,6 | 4,9 G | 1 |
| 72,5 | 40,69 M | 3 | 72,5 | 4,7 M | 3 |
| 72,6 | 40,76 G | 15 | | | |
| 73,6 | 40,77 M | 2 | 73,6 | 5,0 M | 2 |
| 73,6 | 40,74 G | 2 | | | |
| 74,8 | 40,77 M | 4 | 74,8 | 5,2 M | 2 |
| 75,6 | 40,78 M | 4 | 75,6 | 5,4 M | 4 |
| 75,6 | 40,77 G | 2 | 75,6 | 4,9 G | 2 |
| 76,6 | 40,80 M | 1 | 76,6 | 4,5 M | 1 |
| 76,5 | 40,75 G | 1 | 76,5 | 4,6 G | 2 |
| 77,6 | 40,70 M | 1 | 77,6 | 4,9 M | 1 |
| 78,7 | 40,75 M | 1 | 78,7 | 5,4 M | 1 |
| 78,6 | 40,70 G | 2 | 78,6 | 5,1 G | 1 |
| 78,7 | 40,80 J | 1 | 78,6 | 4,7 J | 1 |
| 79,6 | 40,85 M | 1 | 79,6 | 6,1 M | 1 |
| 79,6 | 40,78 G | 5 | 79,6 | 4,9 G | 4 |
| 79,8 | 40,78 J | 5 | 79,9 | 4,9 J | 5 |
| 80,7 | 40,80 M | 6 | 80,7 | 5,0 M | 6 |
| 80,6 | 40,72 G | 7 | 80,7 | 4,9 G | 11 |
| 80,4 | 40,76 J | 2 | 80,4 | 5,2 J | 2 |
| 81,7 | 40,80 M | 5 | 81,7 | 5,5 M | 6 |
| 81,6 | 40,81 G | 11 | 81,6 | 4,9 G | 12 |
| 81,6 | 40,79 J | 9 | 81,6 | 4,8 J | 9 |
| 75,8 | 40$^s$,77 | | 76,2 | 5″,0 | |

[1] Juillet 5 et 6, Æ diminuée de 1$^s$ : erreur de moy.

## 52 *h*² Sagittaire.

Mouv. propre adopté. $\delta\mathcal{A} = +0^s,004$, $\delta\mathcal{P} = +0'',12$.

I.

| Ép. moy. annuelle. | Æ. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 19h 27m | | | 115° 13′ | |
| 37,6[1] | 16$^s$,17 G | 6 | 37,6 | 11″,8 F | 4 |
| 38,7 | 16,14 G | 5 | 38,7 | 11,5 F | 1 |
| 39,7 | 16,08 G | 3 | 39,7 | 10,7 F | 1 |
| 40,5 | 15,98 G | 1 | 40,5 | 10,7 F | 1 |
| 41,5 | 16,17 G | 2 | | | |

## 52 $h^2$ Sagittaire (suite).

I (suite).

| Ép. moy. annuelle. | Æ. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 19$^h$27$^m$ | | | 115°13′ | |
| | | | 46,6 | 13″,6 G | 1 |
| 50,6 | 16$^s$,20 G | 5 | 50,6 | 12,8 G | 2 |
| 51,6 | 16,03 G | 2 | | | |
| 52,5 | 15,86 G | 1 | | | |
| 43,4 | 16$^s$,11 | | 42,2 | 11″,9 | |

II.

| Ép. moy. annuelle. | Æ. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 19$^h$28$^m$ | | | 115°11′ | |
| 54,7 | 10$^s$,98 G | 7 | 54,7 | 20″,0 G | 1 |
| 55,7 | 11,04 G | 7 | 55,5 | 18,6 G | 2 |
| 56,7 | 11,17 G | 4 | 56,6 | 19,4 G | 5 |
| 57,6 | 11,01 G | 8 | 57,6 | 21,1 G | 3 |
| | | | 58,6 | 21,6 G | 1 |
| 59,6 | 11,06 G | 2 | 59,7 | 19,9 G | 2 |
| 60,7 | 11,04 G | 3 | 60,5 | 19,3 G | 4 |
| 61,6 | 11,08 G | 8 | 61,6 | 20,4 G | 5 |
| 62,7 | 11,24 G | 1 | 62,7 | 19,2 G | 1 |
| 63,7 | 11,04 M | 1 | 63,7 | 21,5 M | 2 |
| 64,6 | 11,06 M | 13 | 64,6 | 20,2 M | 14 |
| 65,6 | 11,04 M | 6 | 65,6 | 19,6 M | 5 |
| 66,5 | 11,03 M | 4 | 66,5 | 20,2 M | 4 |
| 60,7 | 11$^s$,06 | | 61,2 | 20″,1 | |

III.

| Ép. moy. annuelle. | Æ. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 19$^h$29$^m$ | | | 115°9′ | |
| 68,6 | 5$^s$,79 M | 1 | 68,6 | 25″,5 M | 1 |
| 70,5 | 5,84 G | 1 | 70,5 | 26,2 G | 1 |
| 71,6 | 5,85 M | 1 | 71,6 | 26,6 M | 1 |
| 71,6 | 5,96 G | 1 | 71,6 | 25,7 G | 1 |
| 72,6 | 5,88 M | 2 | 72,6 | 26,4 M | 2 |
| 75,6 | 5,90 M | 1 | 75,6 | 27,1 M | 2 |
| 76,6 | 5,80 M | 2 | 76,6 | 26,9 M | 2 |
| 76,6 | 5,75 G | 1 | 76,6 | 27,1 G | 2 |
| 77,5 | 6,01 M | 1 | | | |
| 78,6 | 5,91 G | 1 | 78,6 | 26,9 G | 1 |
| 79,6 | 5,90 J | 3 | 79,6 | 27,3 J | 4 |
| 74,8 | 5$^s$,88 | | 74,8 | 26″,5 | |

[1] Juin 25, Æ augmentée de 0$^s$,63 : erreur de réduction.

## 39 κ Aigle.

Mouv. propre adopté. { δÆ = + 0$^s$,001, δ𝒫 = + 0″,01

I.

| Ép. moy. annuelle. | Æ. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 19$^h$28$^m$ | | | 97°22′ | |
| 37,5 | 33$^s$,05 G | 7 | | | |
| 38,7[1] | 33,03 G | 7 | 38,8 | 0″,7 F | 2 |
| 39,6 | 33,03 G | 3 | 39,7 | 0,6 F | 1 |
| 41,6 | 32,91 G | 3 | 41,7 | 0,5 F | 1 |
| 43,4 | 32,73 G | 1 | | | |
| 46,7 | 33,06 G | 2 | 46,7 | 0,1 G | 1 |
| | | | 47,8 | 0,7 G | 1 |
| 49,7 | 33,13 G | 1 | | | |
| | | | 50,7 | 2,4 F | 1 |
| 52,8 | 33,06 G | 14 | | | |
| 53,5 | 33,06 G | 4 | 53,6 | 1,4 F | 5 |
| 45,1 | 33$^s$,02 | | 46,3 | 1″,0 | |

II.

| Ép. moy. annuelle. | Æ. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 19$^h$29$^m$ | | | 97°20′ | |
| 54,7 | 21$^s$,45 G | 3 | 54,7 | 7″,1 G | 3 |
| 55,6 | 21,50 G | 6 | 55,5 | 6,8 G | 3 |
| 56,7 | 21,50 G | 3 | 56,7 | 8,6 G | 6 |
| 57,6 | 21,46 G | 5 | 57,6 | 8,5 G | 2 |
| 58,6 | 21,54 G | 6 | 58,6 | 7,9 G | 3 |
| 59,6 | 21,46 G | 2 | 59,5 | 6,2 G | 1 |

## 39 κ Aigle (suite).

II (suite).

| Ép. moy. annuelle. | Æ. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 19$^h$29$^m$ | | | 97°20′ | |
| | | | 60,7 | 7″,5 G | 1 |
| 62,6 | 21$^s$,57 G | 6 | 62,6 | 7,4 G | 4 |
| 63,6 | 21,54 M | 6 | 63,6 | 8,1 M | 7 |
| 64,5 | 21,49 M | 1 | 64,5 | 7,9 M | 1 |
| 66,6 | 21,53 M | 4 | 66,6 | 7,7 M | 4 |
| 67,6 | 21,47 M | 5 | 67,6 | 7,3 M | 5 |
| 67,7 | 21,47 G | 1 | 67,7 | 7,4 G | 1 |
| 60,7 | 21$^s$,51 | | 60,9 | 7″,7 | |

III.

| Ép. moy. annuelle. | Æ. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 19$^h$30$^m$ | | | 97°18′ | |
| 68,7 | 9$^s$,92 M | 11 | 68,7 | 12″,7 M | 11 |
| | | | 68,6 | 12,8 G | 1 |
| 69,6 | 9,90 M | 9 | 69,6 | 13,0 M | 10 |
| 70,6 | 9,98 M | 3 | 70,6 | 12,8 M | 4 |
| 71,7 | 9,97 M | 3 | 71,7 | 13,1 M | 3 |
| 72,7 | 9,95 M | 4 | 72,7 | 12,6 M | 3 |
| 73,6 | 9,98 M | 6 | 73,6 | 12,3 M | 7 |
| 73,6 | 9,97 G | 1 | | | |
| 74,6 | 9,91 M | 14 | 74,6 | 12,5 M | 14 |
| 74,6 | 9,93 G | 13 | 74,6 | 12,7 G | 12 |
| 75,7 | 9,96 M | 3 | 75,6 | 12,5 M | 4 |
| 75,6 | 9,92 G | 12 | 75,6 | 12,5 G | 9 |
| 76,5 | 9,92 M | 3 | 76,5 | 13,1 M | 4 |
| 76,6 | 9,95 G | 8 | 76,6 | 12,8 G | 10 |
| 77,6 | 9,96 M | 6 | 77,6 | 12,4 M | 9 |
| 78,6 | 9,88 M | 4 | 78,6 | 12,7 M | 4 |
| 78,6 | 9,94 G | 10 | 78,6 | 12,5 G | 9 |
| 78,7 | 9,91 J | 2 | 78,7 | 12,7 J | 2 |
| 79,6 | 9,91 M | 6 | 79,6 | 12,9 M | 6 |
| 79,6 | 9,99 G | 7 | 79,6 | 12,6 G | 5 |
| 79,6 | 9,96 J | 12 | 79,6 | 12,8 J | 13 |
| 80,6 | 9,93 M | 9 | 80,6 | 12,7 M | 11 |
| 80,6 | 9,90 G | 13 | 80,6 | 13,1 G | 16 |
| 80,7 | 10,02 J | 6 | 80,7 | 12,6 J | 6 |
| 81,6 | 9,91 M | 16 | 81,6 | 12,6 M | 19 |
| 81,6 | 9,92 G | 11 | 81,6 | 13,2 G | 10 |
| 81,6 | 9,95 J | 10 | 81,6 | 13,0 J | 12 |
| 76,1 | 9$^s$,94 | | 76,0 | 12″,7 | |

[1] Août 13, Æ diminuée de 10$^s$.

## 61 σ Dragon.

Mouv. propre adopté. { δÆ = + 0$^s$,094, δ𝒫 = + 1″,83.

I.

| Ép. moy. annuelle. | Æ. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 19$^h$32$^m$ | | | 20°36′ | |
| 46,6 | 38$^s$,71 G | 1 | | | |
| 46,6 | 38$^s$,71 | | | | |

II.

| Ép. moy. annuelle. | Æ. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 19$^h$32$^m$ | | | 20°34′ | |
| | | | 54,7 | 38″,3 G | 1 |
| 55,5 | 37$^s$,58 G | 2 | 55,5 | 38,4 G | 1 |
| 56,7 | 37,37 G | 1 | | | |
| | | | 60,9 | 36,8 G | 2 |
| | | | 61,5 | 37,9 G | 1 |
| | | | 63,5[1] | 35,7 G | 1 |
| 56,0 | 37$^s$,50 | | 59,4 | 37″,4 | |

III.

| Ép. moy. annuelle. | Æ. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 19$^h$33$^m$ | | | 20°33′ | |
| | | | 71,6[2] | 3″,7 G | 1 |
| | | | 71,6 | 3″,7 | |

[1] Juillet 1, 𝒫 augmentée de 2″ : erreur de moyenne.
[2] Aout 12, 𝒫 augmentée de 2″ : erreur de réduction.

## 50 γ Aigle.

Mouv. propre adopté. { δÆ = + 0$^s$,001, δ𝒫 = 0″,00.

I.

| Ép. moy. annuelle. | Æ. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 19$^h$38$^m$ | | | 79°45′ | |
| 37,6 | 53$^s$,39 G | 69 | 37,6 | 36″,3 F | 24 |
| 38,6 | 53,41 G | 46 | 38,7 | 36,8 F | 19 |
| 39,5 | 53,39 G | 52 | 39,4 | 36,4 F | 10 |
| 40,6 | 53,42 G | 45 | 40,7 | 36,8 F | 20 |
| 41,6 | 53,41 G | 42 | 41,5 | 36,2 F | 22 |
| 42,6 | 53,40 G | 27 | 42,6 | 36,1 F | 15 |
| 43,7 | 53,41 G | 47 | 43,7 | 36,6 G | 15 |
| | | | 43,6 | 36,8 F | 16 |
| 44,6 | 53,39 G | 21 | 44,6 | 37,0 G | 2 |
| | | | 44,6 | 36,3 F | 5 |
| 45,7 | 53,41 G | 37 | 45,6 | 36,5 G | 5 |
| | | | 45,6 | 37,8 F | 5 |
| 46,7 | 53,41 G | 41 | 46,6 | 36,9 G | 15 |
| 47,6 | 53,42 G | 46 | 47,8 | 36,5 G | 19 |
| | | | 47,8 | 36,3 F | 12 |
| 48,6 | 53,42 G | 26 | 48,8 | 36,0 G | 11 |
| 49,7 | 53,39 G | 31 | 49,6 | 36,6 G | 13 |
| | | | 49,5 | 39,6 F | 1 |
| 50,6 | 53,41 G | 29 | 50,6 | 36,8 G | 13 |
| | | | 50,6 | 36,4 F | 4 |
| 51,6 | 53,39 G | 17 | 51,8 | 36,9 G | 2 |
| 52,7 | 53,41 G | 30 | 52,7 | 36,8 G | 8 |
| | | | 52,5 | 36,9 F | 8 |
| 53,5 | 53,42 G | 21 | 53,7 | 36,4 G | 8 |
| | | | 53,6 | 35,8 F | 6 |
| 45,5 | 53$^s$,41 | | 45,2 | 36″,6 | |

II.

| Ép. moy. annuelle. | Æ. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 19$^h$39$^m$ | | | 79°43′ | |
| 54,6 | 36$^s$,19 G | 52 | 54,6 | 30″,1 G | 26 |
| | | | 54,2 | 29,1 G | 2 |
| 55,6 | 36,18 G | 36 | 55,6 | 29,9 G | 29 |
| 56,6 | 36,17 G | 41 | 56,6 | 30,4 G | 32 |
| 57,6 | 36,17 G | 57 | 57,6 | 30,1 G | 34 |
| 58,7 | 36,17 G | 61 | 58,7 | 30,1 G | 39 |
| | | | 58,7 | 30,1 F | 2 |
| 59,6 | 36,14 G | 46 | 59,6 | 29,9 G | 14 |
| 60,6 | 36,20 G | 21 | 60,7 | 30,1 G | 10 |
| 61,7 | 36,17 G | 36 | 61,6 | 30,0 G | 17 |
| 62,6 | 36,21 G | 16 | 62,6 | 30,6 G | 12 |
| 63,6 | 36,20 M | 17 | 63,6 | 30,1 M | 18 |
| 63,6 | 36,17 G | 21 | 63,2 | 29,8 G | 4 |
| 64,7 | 36,18 M | 16 | 64,7 | 30,4 M | 12 |
| 64,6 | 36,18 G | 17 | 64,6 | 30,4 G | 5 |
| 65,6 | 36,16 M | 7 | 65,7 | 30,0 M | 5 |
| 65,7 | 36,20 G | 8 | | | |
| 66,5 | 36,19 M | 7 | 66,3 | 29,8 M | 4 |
| 66,6 | 36,23 G | 8 | 66,5 | 30,6 G | 1 |
| 67,6 | 36,17 M | 8 | 67,6 | 30,0 M | 8 |
| 67,6 | 36,23 G | 1 | 67,7 | 30,5 G | 2 |
| 60,7 | 36$^s$,18 | | 60,3 | 30″,1 | |

III.

| Ép. moy. annuelle. | Æ. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 19$^h$40$^m$ | | | 79°41′ | |
| 68,6 | 19$^s$,01 M | 10 | 68,6 | 23″,4 M | 10 |
| 68,6 | 18,97 G | 3 | 68,6 | 23,2 G | 3 |
| 69,6 | 19,00 M | 3 | 69,6 | 23,3 M | 2 |
| | | | 69,6 | 23,0 G | 2 |
| 70,6 | 18,93 M | 4 | 70,6 | 23,2 M | 4 |
| 71,5 | 18,96 M | 11 | 71,6 | 22,9 M | 7 |
| 71,6 | 18,95 G | 13 | 71,6 | 23,0 G | 8 |
| 72,4 | 18,90 M | 13 | 72,4 | 23,3 M | 15 |
| 72,6 | 18,95 G | 11 | | | |
| 73,6 | 18,93 M | 16 | 73,6 | 23,2 M | 17 |
| 73,7 | 18,83 G | 1 | | | |
| 74,7 | 18,92 M | 8 | 74,7 | 23,0 G | 8 |
| 74,7 | 18,95 G | 3 | 74,7 | 23,1 M | 2 |
| 75,7 | 18,98 M | 12 | 75,7 | 23,2 M | 16 |
| 75,6 | 18,95 G | 11 | 75,6 | 22,8 G | 8 |
| 76,5 | 18,95 M | 25 | 76,5 | 23,2 M | 25 |

**50 γ Aigle (suite).**

III (suite).

| Ép. moy. annuelle | $\mathcal{A}$ | N. | Ép. moy. annuelle | $\mathcal{D}$ | N. |
|---|---|---|---|---|---|
| | 19h 40m | | | 79° 41′ | |
| 76,6 | 18s,94 G | 7 | 76,6 | 22″,8 G | 8 |
| 77,7 | 18,95 M | 9 | 77,7 | 23,1 M | 12 |
| 77,6 | 18,93 G | 1 | | | |
| 78,7 | 18,97 M | 14 | 78,6 | 23,6 M | 13 |
| 78,6 | 18,99 G | 9 | 78,6 | 22,5 G | 9 |
| 78,7 | 18,90 J | 1 | 78,7 | 24,3 J | 1 |
| 79,6 | 18,97 M | 6 | 79,6 | 22,8 M | 6 |
| 79,6 | 19,00 G | 12 | 79,6 | 23,6 G | 13 |
| 79,7 | 18,97 J | 8 | 79,7 | 22,9 J | 9 |
| 80,7 | 18,97 M | 13 | 80,6 | 23,4 M | 14 |
| 80,6 | 18,96 G | 10 | 80,6 | 23,2 G | 7 |
| 80,7 | 18,97 J | 6 | 80,7 | 23,7 J | 7 |
| 81,7 | 18,96 M | 16 | 81,7 | 23,4 M | 19 |
| 81,6 | 18,94 G | 5 | 81,6 | 22,7 G | 4 |
| 81,6 | 18,95 J | 7 | 81,6 | 23,1 J | 9 |
| 75,8 | 18s,96 | | 76,0 | 23″,2 | |

**18 δ Cygne.**

Mouv. propre adopté. { $\delta\mathcal{A} = +0^s,007$, $\delta\mathcal{D} = -0'',01$.

II.

| Ép. moy. annuelle | $\mathcal{A}$ | N. | Ép. moy. annuelle | $\mathcal{D}$ | N. |
|---|---|---|---|---|---|
| | 19h 40m | | | 45° 12′ | |
| 55,6 | 35s,72 G | 1 | 55,5 | 33″,0 G | 5 |
| | | | 56,2 | 32,4 G | 4 |
| 56,1 | 35,94 I | 3 | 56,1 I | 35,3 G | 4 |
| | | | 57,4 | 33,3 G | 5 |
| | | | 57,2 I | 34,7 G | 2 |
| | | | 58,2 | 33,0 G | 5 |
| 59,2 | 35,92 G | 1 | | | |
| | | | 61,9 | 33,2 G | 1 |
| 63,6 | 35,84 M | 2 | 63,6 | 31,9 M | 3 |
| 64,7 | 35,86 M | 3 | 64,7 | 32,4 M | 3 |
| 65,6 | 35,86 M | 6 | 65,6 | 32,7 M | 5 |
| 66,6 | 35,87 M | 2 | 66,6 | 32,1 M | 4 |
| 66,5 | 35,83 G | 3 | 66,5 | 30,7 G | 1 |
| 67,8 | 35,89 M | 1 | 67,7 | 32,0 M | 2 |
| 67,6 | 35,84 G | 6 | 67,6 | 32,3 G | 7 |
| 64,5 | 35s,85 | | 61,9 | 32″,6 | |

III.

| Ép. moy. annuelle | $\mathcal{A}$ | N. | Ép. moy. annuelle | $\mathcal{D}$ | N. |
|---|---|---|---|---|---|
| | 19h 41m | | | 45° 10′ | |
| 68,6 | 4s,01 M | 2 | 68,6 | 23″,4 M | 2 |
| | | | 69,6 | 23,8 G | 1 |
| 71,8 | 4,03 M | 1 | 71,7 | 24,2 M | 2 |
| 73,6 | 4,04 G | 1 | | | |
| 80,8 | 4,06 G | 3 | 80,6 | 23,4 G | 3 |
| 74,2 | 4s,04 | | 73,2 | 23″,7 | |

**17 χ Cygne.**

Mouv. propre adopté. { $\delta\mathcal{A} = +0^s,002$, $\delta\mathcal{D} = +0'',41$.

II.

| Ép. moy. annuelle | $\mathcal{A}$ | N. | Ép. moy. annuelle | $\mathcal{D}$ | N. |
|---|---|---|---|---|---|
| | 19h 41m | | | 56° 35′ | |
| 55,5 | 6s,54 G | 1 | 55,5 | 43″,2 G | 1 |
| 66,6 | 6,83 M | 1 | | | |
| 67,6 | 6,69 G | 1 | 67,6 | 46,4 G | 1 |
| 63,2 | 6s,69 | | 61,6 | 44″,8 | |

**17 χ Cygne (suite).**

III.

| Ép. moy. annuelle | $\mathcal{A}$ | N. | Ép. moy. annuelle | $\mathcal{D}$ | N. |
|---|---|---|---|---|---|
| | 19h 41m | | | 56° 33′ | |
| 69,7 | 40s,79 M | 3 | 69,7 | 42″,7 M | 3 |
| 73,6 | 40,81 G | 1 | | | |
| 74,7 | 40,79 M | 1 | 74,7 | 43,8 M | 1 |
| 79,6 | 40,80 M | 1 | 79,6 | 44,0 M | 1 |
| 79,6 | 40,91 G | 2 | 79,6 | 45,0 G | 1 |
| 79,7 [1] | 40,67 J | 1 | 79,7 | 43,5 J | 1 |
| 80,6 | 40,83 M | 1 | 80,6 | 42,3 M | 1 |
| 75,6 | 40s,81 | | 75,7 | 43″,3 | |

[1] Septembre 17, $\mathcal{A}$ augmentée de 0s,30 : erreur de réduction.

**53 α Aigle.**

Mouv. propre adopté. { $\delta\mathcal{A} = +0^s,037$, $\delta\mathcal{D} = -0'',38$.

I.

| Ép. moy. annuelle | $\mathcal{A}$ | N. | Ép. moy. annuelle | $\mathcal{D}$ | N. |
|---|---|---|---|---|---|
| | 19h 43m | | | 81° 32′ | |
| 37,5 | 13s,18 G | 81 | 37,6 | 11″,8 F | 26 |
| 38,6 | 13,18 G | 50 | 38,7 | 12,3 F | 24 |
| 39,5 | 13,19 G | 55 | 39,4 | 11,6 F | 11 |
| 40,6 | 13,20 G | 54 | 40,7 | 11,5 F | 23 |
| 41,5 | 13,18 G | 47 | 41,5 | 11,6 F | 24 |
| 42,5 | 13,18 G | 28 | 42,5 | 12,4 F | 20 |
| 43,6 | 13,19 G | 59 | 43,7 | 11,8 G | 25 |
| | | | 43,7 | 12,1 F | 14 |
| 44,6 | 13,17 G | 24 | 44,6 | 11,8 G | 5 |
| | | | 44,5 | 11,6 F | 3 |
| 45,6 | 13,20 G | 37 | 45,6 | 11,9 G | 6 |
| | | | 45,6 | 12,0 F | 6 |
| 46,7 | 13,17 G | 52 | 46,7 | 11,4 G | 20 |
| | | | 46,6 | 10,6 F | 3 |
| 47,5 | 13,20 G | 45 | 47,6 | 12,1 G | 14 |
| | | | 47,9 | 11,9 F | 10 |
| 48,6 | 13,19 G | 30 | 48,8 | 12,0 G | 13 |
| 49,7 | 13,19 G | 36 | 49,7 | 11,9 G | 16 |
| | | | 49,5 | 11,8 F | 1 |
| 50,6 | 13,19 G | 34 | 50,6 | 10,4 G | 17 |
| | | | 50,6 | 12,6 F | 2 |
| 51,6 | 13,18 G | 16 | 51,8 | 11,9 G | 2 |
| 52,7 | 13,15 G | 33 | 52,7 | 13,4 G | 9 |
| | | | 52,5 | 11,5 F | 8 |
| 53,5 | 13,19 G | 26 | 53,7 | 12,5 G | 9 |
| | | | 53,6 | 11,5 F | 6 |
| 45,5 | 13s,18 | | 45,1 | 11″,9 | |

II.

| Ép. moy. annuelle | $\mathcal{A}$ | N. | Ép. moy. annuelle | $\mathcal{D}$ | N. |
|---|---|---|---|---|---|
| | 19h 43m | | | 81° 29′ | |
| 54,6 | 57s,10 G | 41 | 54,6 | 54″,6 G | 23 |
| | | | 54,2 | 54,1 F | 4 |
| 55,6 | 57,10 G | 41 | 55,6 | 54,7 G | 27 |
| 56,5 | 57,08 G | 56 | 56,6 | 55,0 G | 34 |
| 57,5 | 57,10 G | 67 | 57,6 | 54,7 G | 31 |
| 58,6 | 57,10 G | 68 | 58,6 | 54,6 G | 38 |
| | | | 58,7 | 53,3 F | 2 |
| 59,5 | 57,09 G | 49 | 59,5 | 54,6 G | 14 |
| 60,5 | 57,07 G | 29 | 60,7 | 54,5 G | 11 |
| | | | 60,7 | 53,7 F | 3 |
| 61,7 | 57,08 G | 47 | 61,6 | 54,6 G | 11 |
| 62,5 | 57,06 G | 13 | 62,5 | 54,7 G | 9 |
| 63,6 | 57,08 M | 15 | 63,6 | 54,6 M | 15 |
| 63,4 | 57,08 G | 37 | 63,2 | 55,0 G | 15 |
| 64,7 | 57,11 M | 18 | 64,6 | 54,4 M | 13 |
| 64,6 | 57,07 G | 15 | 64,6 | 54,1 G | 5 |
| 65,5 | 57,12 M | 18 | 65,5 | 54,4 M | 17 |
| 65,7 | 57,09 G | 7 | | | |
| 66,5 | 57,09 M | 9 | 66,5 | 54,5 M | 6 |
| 66,6 | 57,08 G | 12 | 66,5 | 54,6 G | 3 |

**53 α Aigle (suite).**

II (suite).

| Ép. moy. annuelle | $\mathcal{A}$ | N. | Ép. moy. annuelle | $\mathcal{D}$ | N. |
|---|---|---|---|---|---|
| | 19h 43m | | | 81° 29′ | |
| 67,5 | 57s,10 M | 6 | 67,6 | 54″,7 M | 8 |
| 67,7 | 56,94 G | 1 | 67,7 | 54,6 G | 2 |
| 60,8 | 57s,09 | | 60,5 | 54″,6 | |

III.

| Ép. moy. annuelle | $\mathcal{A}$ | N. | Ép. moy. annuelle | $\mathcal{D}$ | N. |
|---|---|---|---|---|---|
| | 19h 44m | | | 81° 27′ | |
| 68,4 | 41s,02 M | 7 | 68,3 | 36″,6 M | 8 |
| 68,6 | 41,01 G | 5 | 68,6 | 35,9 G. | 4 |
| 69,6 | 40,99 M | 4 | 69,6 | 37,2 M | 3 |
| | | | 69,6 | 36,1 G | 2 |
| 70,6 | 41,01 M | 4 | 70,6 | 36,8 M | 4 |
| 70,6 | 40,93 G | 2 | 70,6 | 36,1 G | 2 |
| 71,4 | 40,99 M | 9 | 71,5 | 36,4 M | 9 |
| 71,6 | 40,95 G | 6 | 71,6 | 35,9 G | 2 |
| 72,4 | 40,99 M | 14 | 72,4 | 36,8 M | 13 |
| 72,6 | 40,99 G | 3 | | | |
| 73,5 | 41,02 M | 16 | 73,6 | 36,6 M | 14 |
| 73,7 | 40,97 G | 1 | 73,6 | 37,5 G | 1 |
| 74,8 | 41,04 M | 5 | 74,6 | 36,6 M | 5 |
| 74,7 | 40,98 G | 3 | 74,7 | 36,6 G | 2 |
| 75,7 | 41,00 M | 14 | 75,7 | 36,7 M | 17 |
| 75,6 | 40,97 G | 1 | 75,6 | 36,4 G | 3 |
| 76,5 | 41,02 M | 23 | 76,5 | 36,7 M | 23 |
| | | | 76,6 | 36,6 G | 1 |
| 77,8 | 41,01 M | 4 | 77,7 | 36,4 M | 5 |
| 78,5 | 41,00 M | 4 | 78,4 | 37,1 M | 3 |
| 78,6 | 41,05 G | 4 | 78,6 | 36,5 G | 4 |
| 79,5 | 40,98 M | 6 | 79,6 | 36,4 M | 5 |
| 79,6 | 41,01 G | 3 | 79,6 | 36,2 G | 2 |
| 79,7 | 41,08 J | 2 | 79,9 | 36,7 J | 6 |
| 80,7 | 40,97 M | 3 | 80,6 | 37,0 M | 2 |
| 80,6 | 41,03 G | 3 | 80,6 | 36,2 G | 3 |
| 80,1 | 41,04 J | 1 | | | |
| 81,7 [1] | 41,04 M | 4 | 81,9 | 35,9 M | 3 |
| 81,6 | 40,91 G | 5 | 81,6 | 36,4 G | 5 |
| 81,6 | 40,92 J | 3 | 81,6 | 37,3 J | 3 |
| 75,1 | 41s,00 | | 75,1 | 36″,6 | |

[1] $\mathcal{A}$ non comprise dans la moyenne.

**6 β Aigle.**

Mouv. propre adopté. { $\delta\mathcal{A} = +0^s,002$, $\delta\mathcal{D} = +0'',48$.

I.

| Ép. moy. annuelle | $\mathcal{A}$ | N. | Ép. moy. annuelle | $\mathcal{D}$ | N. |
|---|---|---|---|---|---|
| | 19h 47m | | | 83° 58′ | |
| 37,6 | 41s,94 G | 57 | 37,6 | 33″,6 F | 23 |
| 38,7 | 41,93 G | 41 | 38,7 | 33,8 F | 20 |
| 39,6 | 41,94 G | 41 | 39,6 | 34,1 F | 6 |
| 40,7 | 41,93 G | 43 | 40,7 | 33,7 F | 23 |
| 41,6 | 41,94 G | 44 | 41,5 | 33,8 F | 22 |
| 42,6 | 41,94 G | 23 | 42,6 | 33,8 F | 14 |
| 43,7 | 41,92 G | 54 | 43,7 | 34,0 G | 20 |
| | | | 43,6 | 33,8 F | 18 |
| 44,6 | 41,92 G | 24 | 44,6 | 34,0 G | 4 |
| | | | 44,6 | 32,9 F | 3 |
| 45,6 | 41,94 G | 28 | 45,6 | 33,3 G | 4 |
| | | | 45,6 | 33,3 F | 5 |
| 46,7 | 41,91 G | 49 | 46,6 | 33,6 G | 16 |
| | | | 46,6 | 33,6 F | 6 |
| 47,7 [1] | 41,95 G | 25 | 47,8 | 33,9 G | 15 |
| | | | 47,9 | 34,2 F | 10 |
| 48,6 | 41,91 G | 26 | 48,8 | 33,8 G | 13 |
| 49,7 | 41,94 G | 30 | 49,7 | 33,9 G | 9 |
| | | | 49,5 | 33,1 F | 1 |
| 50,7 | 41,94 G | 28 | 50,6 | 34,0 G | 12 |
| | | | 50,5 | 33,3 F | 1 |
| 51,6 | 41,94 G | 12 | 51,6 | 35,1 G | 1 |
| 52,7 | 41,94 G | 31 | 52,7 | 34,3 G | 10 |
| | | | 52,5 | 33,7 F | 9 |

## 6 β Aigle (suite).

I (suite).

| Ép. moy. annuelle. | AR. | N. | Ép. moy. annuelle. | D. | N. |
|---|---|---|---|---|---|
| | 19h47m | | | 83°58′ | |
| 53,6 | 41s,95 G | 22 | 53,7 | 34″,0 G | 10 |
| | | | 53,6 | 33,9 F | 5 |
| 45,5 | 41s,93 | | 45,2 | 33″,8 | |

II.

| Ép. moy. annuelle. | AR. | N. | Ép. moy. annuelle. | D. | N. |
|---|---|---|---|---|---|
| | 19h48m | | | 83°56′ | |
| 54,6 | 26s,12 G | 47 | 54,7 | 24″,0 G | 13 |
| 55,7 | 26,13 G | 38 | 55,6 | 24,1 G | 16 |
| 56,6 | 26,11 G | 41 | 56,6 | 24,6 G | 29 |
| 57,6 | 26,11 G | 49 | 57,6 | 24,2 G | 33 |
| 58,7 | 26,13 G | 54 | 58,6 | 24,2 G | 45 |
| | | | 58,7 | 23,6 F | 3 |
| 59,6 | 26,11 G | 38 | 59,6 | 24,4 G | 11 |
| 60,7 | 26,08 G | 18 | 60,7 | 24,7 G | 13 |
| | | | 60,7 | 24,3 F | 3 |
| 61,7 | 26,13 G | 42 | 61,6 | 24,3 G | 14 |
| 62,6 | 26,16 G | 16 | 62,7 | 24,8 G | 12 |
| 63,6 | 26,11 M | 13 | 63,6 | 24,3 M | 12 |
| 63,6 | 26,13 G | 22 | | | |
| 64,6 | 26,13 M | 17 | 64,6 | 23,9 M | 17 |
| 64,6 | 26,14 G | 18 | | | |
| 65,8 | 26,15 M | 11 | 65,8 | 24,1 M | 10 |
| 65,7 | 26,09 G | 8 | | | |
| 66,6 | 26,12 M | 5 | 66,5 | 24,3 M | 4 |
| 66,6 | 26,13 G | 13 | 66,5 | 24,7 G | 3 |
| 67,6 | 26,16 M | 7 | 67,7 | 24,7 M | 6 |
| 67,6 | 26,13 G | 2 | 67,6 | 24,0 G | 2 |
| 60,8 | 26s,12 | | 60,6 | 24″,3 | |

III.

| Ép. moy. annuelle. | AR. | N. | Ép. moy. annuelle. | D. | N. |
|---|---|---|---|---|---|
| | 19h49m | | | 83°54′ | |
| 68,6 | 10s,34 M | 10 | 68,6 | 14″,1 M | 10 |
| 68,6 | 10,33 G | 5 | 68,6 | 13,3 G | 2 |
| 69,7 | 10,39 M | 9 | 69,6 | 14,0 M | 7 |
| | | | 69,6 | 13,9 G | 2 |
| 70,6 | 10,34 M | 5 | 70,6 | 14,4 M | 5 |
| 70,5 | 10,29 G | 2 | 70,5 | 14,2 G | 2 |
| 71,5 | 10,33 M | 11 | 71,7 | 13,8 M | 10 |
| 71,6 | 10,37 G | 17 | 71,6 | 14,1 G | 8 |
| 72,7 | 10,33 M | 3 | 72,7 | 14,1 M | 2 |
| 72,6 | 10,26 G | 2 | | | |
| 73,7 | 10,32 M | 12 | 73,7 | 13,9 M | 11 |
| 74,8 | 10,35 M | 5 | 74,7 | 13,7 M | 5 |
| 74,7 | 10,30 G | 3 | 74,6 | 14,5 G | 4 |
| 75,9 | 10,33 M | 1 | 75,9 | 14,4 M | 1 |
| 75,6 | 10,45 G | 1 | 75,6 | 13,3 G | 1 |
| 76,6 | 10,34 M | 4 | 76,6 | 13,7 M | 4 |
| 76,5 | 10,41 G | 1 | 76,5 | 13,6 G | 1 |
| 77,7 | 10,36 M | 6 | 77,7 | 14,1 M | 6 |
| 77,6 | 10,29 G | 1 | | | |
| 78,7 | 10,34 M | 6 | 78,6 | 13,9 M | 4 |
| 79,6 | 10,34 M | 2 | 78,6 | 14,4 G | 1 |
| 79,6 | 10,35 G | 5 | 79,6 | 13,7 M | 2 |
| 79,7 | 10,36 J | 7 | 79,6 | 14,8 G | 6 |
| | | | 79,7 | 14,4 J | 6 |
| 80,7 | 10,37 M | 4 | 80,6 | 15,6 M | 4 |
| 80,6 | 10,37 G | 9 | 80,6 | 13,8 G | 10 |
| 80,7 | 10,32 J | 4 | 80,7 | 14,2 J | 4 |
| 81,7 | 10,34 M | 7 | 81,6 | 13,5 M | 6 |
| 81,6 | 10,27 G | 8 | 81,6 | 14,3 G | 6 |
| 81,6 | 10,36 J | 5 | 81,6 | 14,1 J | 7 |
| 75,3 | 10s,34 | | 75,4 | 14″,1 | |

[1] Avril 8, AR diminuée de 2s : erreur de réduction.

## λ Petite Ourse.

Mouv. propre adopté. { δAR = 0s,000, δD = 0″,00.

I.

| Ép. moy. annuelle. | AR. | N. | Ép. moy. annuelle. | D. | N. |
|---|---|---|---|---|---|
| | 20h17m | | | 1°9′ | |
| 37,7 | 20s,98 G | 25 | 37,7 | 19″,7 F | 8 |
| 37,2I | 22,77 G | 11 | 37,2I | 18,1 F | 1 |
| 38,7 | 23,08 G | 22 | 38,7 | 19,0 F | 8 |
| 38,2I | 23,11 G | 9 | | | |
| 39,6 | 22,22 G | 6 | 39,6 | 18,6 F | 2 |
| 39,2I | 24,07 G | 4 | | | |
| 40,7 | 22,18 G | 18 | 40,7 | 17,1 F | 7 |
| 41,7 | 24,98 G | 27 | 41,6 | 19,2 F | 12 |
| 41,2I | 20,99 G | 10 | 41,2I | 17,7 F | 5 |
| 42,7 | 22,30 G | 8 | 42,6 | 19,1 F | 4 |
| 42,3I | 22,80 G | 4 | 42,2I | 17,0 F | 2 |
| 43,7 | 22,06 G | 34 | 43,7 | 17,8 G | 17 |
| | | | 43,6 | 17,7 F | 12 |
| 43,1I | 20,92 G | 6 | 43,1I | 15,4 F | 1 |
| 44,6 | 23,18 G | 11 | 44,6 | 17,6 G | 3 |
| 44,2I | 23,85 G | 3 | | | |
| 45,7 | 22,29 G | 35 | 45,6 | 18,6 G | 6 |
| | | | 45,6 | 18,1 F | 4 |
| 45,5I | 19,78 G | 5 | 45,2I | 16,4 G | 2 |
| 46,7 | 22,60 G | 12 | 46,7 | 18,3 G | 5 |
| | | | 46,6 | 18,4 F | 3 |
| 46,2I | 21,85 G | 17 | 46,2I | 17,9 G | 2 |
| 47,8 | 21,75 G | 1 | 47,9 | 16,3 G | 1 |
| 47,2I | 23,31 G | 5 | | | |
| 48,6 | 22,23 G | 25 | 48,9 | 18,3 G | 2 |
| 48,1I | 18,24 G | 1 | 48,9I | 16,6 G | 1 |
| 49,7 | 22,50 G | 9 | 49,7 | 18,0 G | 3 |
| 49,3I | 19,69 G | 6 | 49,0I | 17,8 G | 1 |
| 50,6 | 21,86 G | 3 | 50,7 | 18,4 G | 3 |
| 50,2I | 22,09 G | 3 | 50,2I | 17,4 G | 3 |
| | | | 50,1I | 18,3 F | 1 |
| 52,7 | 15,93 G | 2 | 52,6 | 17,9 G | 4 |
| | | | 52,6 | 17,9 F | 8 |
| 52,7I | 17,58 G | 4 | 52,1I | 17,9 G | 2 |
| | | | 52,2I | 18,1 F | 7 |
| 53,7 | 22,40 G | 10 | 53,7 | 17,7 F | 1 |
| 53,1I | 20,20 G | 6 | 53,1I | 16,6 G | 2 |
| 44,7 | 22s,15 | | 45,0 | 18″,1 | |

II.

| Ép. moy. annuelle. | AR. | N. | Ép. moy. annuelle. | D. | N. |
|---|---|---|---|---|---|
| | 20h3m | | | 1°6′ | |
| 54,6 | 56s,18 G | 4 | 54,7 | 35″,3 G | 10 |
| 54,0I | 49,63 G | 1 | | | |
| 55,7 | 54,42 G | 39 | 55,6 | 35,3 G | 42 |
| 55,2I | 51,57 G | 8 | 55,2I | 35,4 G | 9 |
| 56,6 | 52,59 G | 25 | 56,7 | 35,0 G | 26 |
| 56,1I | 54,82 G | 11 | 56,1I | 34,7 G | 15 |
| 57,7 | 52,37 G | 10 | 57,7 | 34,9 G | 11 |
| 57,1I | 52,87 G | 4 | 57,1I | 35,1 G | 7 |
| 58,6 | 53,28 G | 4 | 58,6 | 35,4 G | 5 |
| 58,1I | 54,91 G | 1 | 58,2I | 34,7 G | 3 |
| 59,6 | 54,90 G | 6 | 59,7 | 33,6 G | 7 |
| 59,2I | 53,23 G | 23 | 59,2I | 35,4 G | 20 |
| | | | 59,1I | 34,0 F | 1 |
| | | | 60,4 | 35,1 G | 1 |
| | | | 60,2I | 34,5 G | 1 |
| 60,1I | 53,84 G | 1 | 60,1I | 32,3 F | 1 |
| 61,4 | 53,16 G | 2 | | | |
| 61,2I | 54,04 G | 3 | 61,2I | 35,6 G | 3 |
| 62,6 | 54,80 G | 13 | 62,7 | 35,4 G | 1 |
| 62,2I | 52,99 G | 18 | 62,2I | 34,6 G | 18 |
| 63,6 | 54,13 G | 16 | 63,7 | 35,0 M | 2 |
| | | | 63,5 | 34,8 G | 1 |
| 63,2I | 52,64 G | 10 | 63,1I | 35,0 G | 7 |
| | | | 64,7 | 35,2 M | 7 |
| | | | 65,7 | 35,3 M | 8 |
| | | | 65,2I | 34,8 M | 13 |
| | | | 66,6 | 34,5 M | 2 |
| | | | 67,6 | 34,6 M | 1 |
| | | | 67,6 | 35,6 G | 11 |
| | | | 67,2I | 35,9 M | 1 |
| | | | 67,3I | 33,2 G | 5 |
| 59,0 | 53s,51 | | 60,5 | 35″,0 | |

## λ Petite Ourse (suite).

III.

| Ép. moy. annuelle. | AR. | N. | Ép. moy. annuelle. | D. | N. |
|---|---|---|---|---|---|
| | 19h49m | | | 1°4′ | |
| | | | 68,6 | 8″,3 M | 2 |
| | | | 69,6 | 8,4 G | 1 |
| | | | 70,6 | 9,2 M | 5 |
| | | | 71,6 | 9,5 M | 7 |
| | | | 71,7 | 8,6 G | 11 |
| | | | 72,6 | 8,9 M | 7 |
| | | | 73,6 | 8,7 M | 4 |
| | | | 74,6 | 9,1 M | 8 |
| | | | 74,7 | 8,2 G | 11 |
| | | | 75,6 | 8,7 M | 19 |
| | | | 75,6 | 8,7 G | 6 |
| | | | 76,6 | 8,4 M | 23 |
| | | | 76,6 | 8,1 G | 23 |
| | | | 77,7 | 9,1 M | 10 |
| | | | 78,7 | 9,5 M | 6 |
| | | | 78,6 | 7,5 G | 12 |
| | | | 78,7 | 7,3 J | 4 |
| | | | 79,6 | 10,1 M | 10 |
| | | | 79,6 | 8,5 G | 6 |
| | | | 79,7 | 7,2 J | 29 |
| | | | 80,6 | 7,8 M | 21 |
| | | | 80,6 | 8,0 G | 19 |
| | | | 80,7 | 8,0 J | 8 |
| | | | 81,6 | 8,0 M | 12 |
| | | | 81,6 | 7,8 G | 13 |
| | | | 81,6 | 7,8 J | 14 |
| | | | 76,4 | 8″,4 | |

## 62 c Sagittaire.

Mouv. propre adopté. { δAR = + 0s,002, δD = − 0″,02,

I.

| Ép. moy. annuelle. | AR. | N. | Ép. moy. annuelle. | D. | N. |
|---|---|---|---|---|---|
| | 19h53m | | | 118°8′ | |
| 37,6 | 7s,16 G | 10 | 37,6 | 7″,2 F | 4 |
| 38,7 | 7,11 G | 5 | 38,7 | 5,4 F | 2 |
| 39,7 | 7,23 G | 3 | 39,6 | 6,2 F | 1 |
| 41,6 | 7,14 G | 1 | 41,6 | 6,7 F | 3 |
| 53,6 | 7,16 G | 1 | | | |
| 40,4 | 7s,16 | | 39,3 | 6″,5 | |

II.

| Ép. moy. annuelle. | AR. | N. | Ép. moy. annuelle. | D. | N. |
|---|---|---|---|---|---|
| | 19h54m | | | 118°5′ | |
| 54,7 | 2s,69 G | 9 | 54,8 | 43″,5 G | 2 |
| 55,6 | 2,66 G | 5 | 55,6 | 43,2 G | 4 |
| 56,7 | 2,68 G | 7 | 56,7 | 43,7 G | 4 |
| 57,6 | 2,59 G | 2 | | | |
| 58,7 | 2,67 G | 3 | 58,7 | 43,8 G | 4 |
| 59,5 | 2,59 G | 1 | 59,7 | 42,9 G | 1 |
| 60,7 | 2,61 G | 5 | 60,7 | 43,3 G | 6 |
| | | | 60,6 | 44,1 F | 1 |
| 61,6 | 2,73 G | 4 | 61,6 | 43,1 G | 3 |
| 63,6 | 2,65 M | 8 | 63,6 | 44,3 M | 8 |
| | | | 63,5 | 44,1 G | 1 |
| 64,6 | 2,66 M | 15 | 64,6 | 43,8 M | 15 |
| 65,6 | 2,68 M | 5 | 65,6 | 43,9 M | 5 |
| 66,6 | 2,67 M | 4 | 66,6 | 43,7 M | 2 |
| 66,8 | 2,64 G | 1 | | | |
| 60,7 | 2s,66 | | 61,2 | 43″,7 | |

III.

| Ép. moy. annuelle. | AR. | N. | Ép. moy. annuelle. | D. | N. |
|---|---|---|---|---|---|
| | 19h54m | | | 118°3′ | |
| 68,5 | 58s,08 M | 2 | 68,6 | 19″,5 M | 2 |
| 68,6 | 58,10 G | 1 | | | |
| | | | 69,6 | 19,9 G | 1 |
| 71,6 | 58,03 M | 5 | 71,6 | 20,7 M | 4 |
| 72,6 | 58,12 M | 2 | 72,6 | 20,4 M | 2 |
| 73,6 | 58,07 M | 1 | | | |

## 62 c Sagittaire (suite).

III (suite).

| Ép. moy. annuelle. | 𝒜. ($19^h 54^m$) | N. | Ép. moy. annuelle. | 𝒫. ($118°3'$) | N. |
|---|---|---|---|---|---|
| 77,6 | 58s,19 M | 2 | 77,7 | 20",0 M | 1 |
| 80,5 | 58,19 G | 2 | | | |
| 73,8 | 58s,11 | | 71,8 | 20",2 | |

## 65 θ Aigle.

Mouv. propre adopté. { δ𝒜 = + 0s,003, δ𝒫 = 0",00.

I.

| Ép. moy. annuelle. | 𝒜. ($20^h 3^m$) | N. | Ép. moy. annuelle. | 𝒫. ($91°16'$) | N. |
|---|---|---|---|---|---|
| 37,6 | 18s,34 G | 24 | 37,6 | 37",8 F | 9 |
| 38,7 | 18,31 G | 13 | 38,7 | 36,1 F | 4 |
| 39,6 | 18,32 G | 2 | 39,6 | 37,7 F | 1 |
| 40,7 | 18,27 G | 3 | | | |
| 41,6 | 18,35 G | 11 | 41,6 | 37,0 F | 6 |
| 43,6 | 18,36 G | 5 | 43,6 | 35,9 G | 3 |
| | | | 43,6 | 36,5 F | 3 |
| 44,8 | 18,41 G | 1 | | | |
| 46,7 | 18,32 G | 20 | 46,8 | 37,1 G | 5 |
| | | | 46,6 | 36,8 F | 5 |
| 47,6 | 18,34 G | 6 | 47,7 | 37,2 G | 1 |
| 48,6 | 18,33 G | 4 | | | |
| 49,8 | 18,31 G | 12 | 49,7 | 36,8 G | 5 |
| 50,6 | 18,29 G | 6 | 50,6 | 36,1 G | 3 |
| | | | 50,7 | 36,4 F | 3 |
| 51,7 | 18,31 G | 8 | 51,7 | 37,0 G | 3 |
| | | | 51,5 | 36,9 F | 1 |
| 52,8 | 18,32 G | 25 | 52,7 | 36,8 G | 10 |
| | | | 52,5 | 36,2 F | 9 |
| 53,6 | 18,34 G | 19 | 53,6 | 36,6 G | 7 |
| | | | 53,7 | 35,7 F | 6 |
| 46,3 | 18s,33 | | 47,2 | 36",7 | |

II.

| Ép. moy. annuelle. | 𝒜. ($20^h 4^m$) | N. | Ép. moy. annuelle. | 𝒫. ($91°14'$) | N. |
|---|---|---|---|---|---|
| 54,7 | 4s,80 G | 12 | 54,7 | 2",3 G | 8 |
| 55,6 | 4,83 G | 10 | 55,6 | 1,6 G | 15 |
| 56,6 | 4,77 G | 14 | 56,5 | 1,6 G | 7 |
| 57,6 | 4,79 G | 8 | 57,7 | 1,9 G | 5 |
| 58,7 | 4,77 G | 11 | 58,7 | 1,9 G | 5 |
| | | | 58,7 | 2,5 F | 1 |
| 59,6 | 4,78 G | 7 | 59,8 | 1,3 G | 3 |
| 60,6 | 4,78 G | 5 | 60,7 | 1,3 G | 5 |
| 61,6 | 4,79 G | 17 | 61,7 | 1,7 G | 6 |
| 62,7 | 4,79 G | 2 | 62,7 | 2,3 G | 2 |
| 63,6 | 4,79 M | 7 | 63,6 | 1,6 M | 7 |
| 64,6 | 4,81 M | 11 | 64,6 | 1,8 M | 13 |
| 65,7 | 4,72 G | 5 | 65,6 | 1,9 M | 1 |
| 66,6 | 4,80 M | 4 | 66,6 | 1,5 M | 4 |
| 66,6 | 4,71 G | 8 | | | |
| 67,6 | 4,79 M | 5 | 67,6 | 2,1 M | 5 |
| 67,6 | 4,77 G | 8 | 67,6 | 1,3 G | 9 |
| 61,0 | 4s,78 | | 61,0 | 1",7 | |

III.

| Ép. moy. annuelle. | 𝒜. ($20^h 4^m$) | N. | Ép. moy. annuelle. | 𝒫. ($91°11'$) | N. |
|---|---|---|---|---|---|
| 68,5 | 51s,16 M | 3 | 68,6 | 26",5 M | 3 |
| 68,6 | 51,27 G | 2 | | | |
| 69,6 | 51,31 M | 7 | 69,6 | 26,4 M | 7 |
| | | | 69,6 | 26,7 G | 2 |
| 70,6 | 51,18 M | 8 | 70,6 | 26,6 M | 7 |
| 71,7 | 51,29 M | 11 | 71,7 | 26,7 M | 9 |
| 71,6 | 51,20 G | 17 | 71,7 | 26,5 G | 7 |
| 72,7 | 51,23 M | 7 | 72,7 | 26,6 M | 8 |
| 73,7 | 51,21 M | 10 | 73,7 | 26,5 M | 10 |
| 73,7 | 51,24 G | 2 | | | |
| 74,7 | 51,27 M | 15 | 74,7 | 26,6 M | 17 |
| 74,7 | 51,28 G | 4 | 74,7 | 26,1 G | 4 |
| 75,7 | 51,21 M | 10 | 75,7 | 26,4 M | 12 |

## 65 θ Aigle (suite).

III (suite).

| Ép. moy. annuelle. | 𝒜. ($20^h 4^m$) | N. | Ép. moy. annuelle. | 𝒫. ($91°11'$) | N. |
|---|---|---|---|---|---|
| 75,6 | 51s,26 G | 7 | 75,6 | 26",0 G | 6 |
| 76,7 | 51,26 M | 12 | 76,6 | 26,9 M | 13 |
| 76,6 | 51,24 G | 14 | 76,7 | 26,4 G | 15 |
| 77,7 | 51,20 M | 9 | 77,7 | 26,7 M | 11 |
| 77,6 | 51,26 G | 1 | | | |
| 78,7 | 51,21 M | 13 | 78,7 | 26,3 M | 16 |
| 78,7 | 51,21 G | 11 | 78,6 | 26,8 G | 8 |
| 78,7 | 51,27 J | 6 | 78,7 | 26,5 J | 6 |
| 79,7 | 51,23 M | 6 | 79,7 | 25,7 M | 6 |
| 79,6 | 51,24 G | 8 | 79,7 | 27,2 G | 8 |
| 79,7 | 51,23 J | 22 | 79,7 | 26,4 J | 23 |
| 80,6 | 51,23 M | 13 | 80,6 | 26,9 M | 13 |
| 80,6 | 51,25 G | 15 | 80,7 | 27,0 G | 17 |
| 80,7 | 51,26 J | 6 | 80,7 | 26,3 J | 6 |
| 81,6 | 51,27 M | 17 | 81,6 | 26,1 M | 18 |
| 81,6 | 51,25 G | 15 | 81,6 | 26,6 G | 15 |
| 81,6 | 51,24 J | 16 | 81,6 | 26,3 J | 18 |
| 75,9 | 51s,24 | | 76,1 | 26",5 | |

## α¹ Capricorne.

Mouv. propre adopté. { δ𝒜 = 0s,000, δ𝒫 = 0",00.

I.

| Ép. moy. annuelle. | 𝒜. ($20^h 9^m$) | N. | Ép. moy. annuelle. | 𝒫. ($102°58'$) | N. |
|---|---|---|---|---|---|
| 37,6 | 3s,12 G | 32 | | | |
| 38,7 | 3,09 M | 17 | 38,8 | 58",6 F | 1 |
| 39,6 | 3,12 G | 7 | 39,7 | 58,8 F | 2 |
| 40,7 | 3,09 G | 22 | 40,7 | 57,9 F | 7 |
| 41,7 | 3,10 G | 27 | 41,6 | 57,6 F | 9 |
| 42,7 | 3,15 G | 7 | | | |
| 43,7 | 3,10 G | 4 | 43,6 | 58,1 F | 3 |
| 44,7 | 3,14 G | 3 | 44,6 | 55,2 F | 1 |
| 46,6 | 3,12 G | 3 | | | |
| 48,7 | 3,27 G | 3 | 48,6 | 62,1 G | 1 |
| 49,7 | 3,17 G | 7 | | | |
| 51,4 | 3,12 G | 1 | | | |
| 53,6 | 3,11 G | 3 | | | |
| 42,8 | 3s,12 | | 42,1 | 58",2 | |

II.

| Ép. moy. annuelle. | 𝒜. ($20^h 9^m$) | N. | Ép. moy. annuelle. | 𝒫. ($102°56'$) | N. |
|---|---|---|---|---|---|
| 54,6 | 53s,07 G | 2 | 54,7 | 16",4 G | 4 |
| 56,7 | 53,09 G | 8 | | | |
| 57,7 | 53,13 G | 11 | | | |
| 58,6 | 53,16 G | 8 | | | |
| 59,7 | 53,14 G | 7 | 59,7 | 16,2 G | 2 |
| 60,7 | 53,23 G | 7 | 60,7 | 16,5 G | 7 |
| 61,6 | 53,08 G | 5 | 61,7 | 15,8 G | 5 |
| 63,9 | 53,29 M | 1 | | | |
| 63,5 | 52,98 G | 1 | 63,5 | 15,8 G | 1 |
| 65,6 | 53,11 M | 7 | 65,6 | 16,5 M | 7 |
| 66,6 | 53,16 M | 2 | 66,6 | 16,5 M | 2 |
| 67,6 | 53,19 M | 1 | | | |
| 67,6 | 53,11 G | 2 | 67,6 | 16,5 G | 4 |
| 60,8 | 53s,13 | | 62,4 | 16",3 | |

III.

| Ép. moy. annuelle. | 𝒜. ($20^h 10^m$) | N. | Ép. moy. annuelle. | 𝒫. ($102°53'$) | N. |
|---|---|---|---|---|---|
| 68,6 | 42s,98 M | 1 | 68,6 | 34",5 M | 1 |
| 69,6 | 43,09 M | 9 | 69,6 | 34,0 M | 7 |
| 70,6 | 43,02 M | 6 | 70,6 | 33,6 M | 6 |
| 73,9 | 43,09 M | 6 | 73,9 | 34,1 M | 3 |
| 73,6 | 43,08 G | 1 | | | |
| 74,9 | 43,11 M | 1 | 74,9 | 34,1 M | 1 |
| 74,7 | 43,07 G | 4 | 74,7 | 34,8 G | 2 |
| 75,7 | 43,06 M | 3 | 75,7 | 34,0 M | 3 |
| 75,6 | 43,07 G | 3 | 75,6 | 34,1 G | 3 |
| 76,6 | 43,08 M | 1 | 76,7 | 34,9 M | 1 |
| 76,7 | 43,07 G | 6 | 76,7 | 34,8 G | 6 |

## 5 α¹ Capricorne (suite).

III (suite).

| Ép. moy. annuelle. | 𝒜. ($20^h 10^m$) | N. | Ép. moy. annuelle. | 𝒫. ($102°53'$) | N. |
|---|---|---|---|---|---|
| 77,6 | 43s,11 M | 2 | | | |
| 77,6 | 43,09 G | 2 | 77,6 | 33",5 G | 1 |
| 78,6 | 43,06 M | 2 | 78,7 | 34,3 M | 3 |
| 78,7 | 42,99 G | 2 | 78,7 | 33,9 G | 2 |
| 78,7 | 43,11 J | 4 | 78,7 | 34,3 J | 4 |
| 79,6 | 43,12 M | 3 | 79,6 | 34,1 M | 3 |
| 79,7 | 43,08 G | 7 | 79,7 | 33,6 G | 6 |
| 79,7 | 43,04 J | 5 | 79,7 | 34,0 J | 5 |
| 80,6 | 43,05 M | 9 | 80,6 | 34,0 M | 8 |
| 80,6 | 43,12 G | 3 | 80,6 | 33,1 G | 1 |
| 80,7 | 43,13 J | 1 | 80,7 | 33,7 J | 1 |
| 81,6 | 43,05 M | 12 | 81,6 | 34,0 M | 12 |
| 81,6 | 43,04 G | 3 | 81,6 | 32,3 G | 3 |
| 81,6 | 43,01 J | 5 | 81,6 | 33,9 J | 6 |
| 76,5 | 43s,07 | | 76,7 | 34",0 | |

## 6 α² Capricorne.

Mouv. propre adopté. { δ𝒜 = + 0s,003, δ𝒫 = 0",00.

I.

| Ép. moy. annuelle. | 𝒜. ($20^h 9^m$) | N. | Ép. moy. annuelle. | 𝒫. ($103°1'$) | N. |
|---|---|---|---|---|---|
| 37,6 | 27s,01 G | 35 | 37,6 | 14",2 F | 15 |
| 38,7 | 27,00 G | 21 | 38,7 | 14,5 F | 8 |
| 39,6 | 27,03 G | 9 | 39,7 | 14,7 F | 1 |
| 40,7 | 26,94 G | 23 | 40,7 | 14,8 F | 6 |
| 41,7 | 26,97 G | 30 | 41,6 | 13,7 F | 10 |
| 42,7 | 26,98 G | 9 | 42,7 | 13,6 F | 3 |
| 43,7 | 26,98 G | 29 | 43,7 | 14,8 G | 16 |
| | | | 43,6 | 14,1 F | 12 |
| 44,6 | 27,05 G | 22 | 44,6 | 14,6 G | 6 |
| | | | 44,6 | 15,2 F | 3 |
| 45,6 | 27,01 G | 21 | 45,6 | 14,0 F | 6 |
| | | | 45,6 | 15,2 F | 3 |
| 46,7 | 27,01 G | 35 | 46,7 | 14,6 G | 9 |
| | | | 46,5 | 14,9 F | 3 |
| 47,7 | 27,02 G | 21 | 47,8 | 14,5 G | 13 |
| | | | 47,8 | 14,5 F | 9 |
| 48,7 | 27,04 G | 24 | 48,7 | 14,2 G | 9 |
| 49,7 | 27,06 G | 17 | 49,5 | 14,6 G | 5 |
| 50,6 | 27,03 G | 9 | 50,5 | 11,8 G | 1 |
| | | | 50,6 | 13,0 F | 2 |
| 51,7 | 27,06 G | 7 | 51,6 | 15,2 G | 1 |
| 52,8 | 27,06 G | 22 | 52,7 | 14,0 G | 8 |
| | | | 52,5 | 13,9 F | 9 |
| 53,5 | 27,04 G | 10 | 53,6 | 14,2 G | 8 |
| | | | 53,7 | 14,6 F | 5 |
| 45,4 | 27s,02 | | 45,7 | 14",3 | |

II.

| Ép. moy. annuelle. | 𝒜. ($20^h 10^m$) | N. | Ép. moy. annuelle. | 𝒫. ($102°58'$) | N. |
|---|---|---|---|---|---|
| 54,7 | 16s,99 G | 22 | 54,7 | 32",7 G | 14 |
| 55,6 | 16,97 G | 11 | 55,7 | 33,2 G | 5 |
| 56,7 | 17,00 G | 12 | 56,7 | 31,9 G | 6 |
| 57,7 | 17,06 G | 22 | 57,7 | 32,8 G | 13 |
| 58,7 | 17,04 G | 24 | 58,7 | 32,6 G | 19 |
| | | | 58,7 | 33,0 F | 3 |
| 59,7 | 17,08 G | 16 | 59,7 | 33,1 G | 8 |
| 60,7 | 17,12 G | 10 | 60,6 | 33,0 G | 10 |
| 61,7 | 17,06 G | 17 | 61,7 | 33,0 G | 9 |
| 62,7 | 17,00 G | 7 | 62,7 | 32,9 G | 9 |
| 63,6 | 17,00 M | 3 | 63,6 | 32,8 M | 3 |
| | | | 63,5 | 31,9 G | 1 |
| 64,7 | 17,05 M | 3 | 64,7 | 32,5 M | 3 |
| 65,6 | 17,03 M | 2 | | | |
| 66,8 | 17,05 M | 10 | 66,7 | 32,6 M | 7 |
| 66,8 | 17,13 G | 1 | 66,8 | 32,2 G | 1 |
| 67,7 | 17,04 M | 6 | 67,6 | 32,7 M | 4 |
| 67,6 | 17,02 G | 2 | | | |
| 60,3 | 17s,04 | | 60,4 | 32",8 | |

### 6 $\alpha^2$ Capricorne (suite).

III.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | 20h 11m | | | 102° 55′ | |
| 68,7 | 7s,04 M | 2 | 68,7 | 49",9 M | 2 |
| 68,6 | 7,07 G | 1 | | | |
| 69,6 | 7,03 M | 4 | 69,6 | 50,1 M | 4 |
| | | | 69,6 | 50,7 G | 3 |
| 70,6 | 6,94 M | 3 | 70,6 | 49,4 M | 2 |
| 71,7 | 7,07 M | 4 | 71,7 | 50,9 M | 4 |
| 72,6 | 7,03 M | 6 | 72,6 | 50,2 M | 7 |
| 73,7 | 7,02 M | 15 | 73,7 | 50,3 M | 15 |
| 73,7 | 7,03 G | 1 | | | |
| 74,7 | 7,03 M | 7 | 74,7 | 50,1 M | 7 |
| 75,7 | 7,00 M | 4 | 75,7 | 50,2 M | 4 |
| 76,7 | 7,06 M | 9 | 76,7 | 50,2 M | 10 |
| 76,7 | 7,05 G | 3 | 76,7 | 49,5 G | 3 |
| 77,5 | 7,05 M | 2 | 77,7 | 50,2 M | 2 |
| 78,7 | 7,03 M | 16 | 78,7 | 50,4 M | 20 |
| 78,6 | 7,07 G | 9 | 78,6 | 50,3 G | 4 |
| 78,7 | 7,07 J | 2 | 78,7 | 49,0 J | 1 |
| 79,7 | 7,08 M | 1 | 79,7 | 50,7 M | 1 |
| 79,7 | 7,03 G | 7 | 79,7 | 50,1 G | 4 |
| 79,7 | 7,00 J | 13 | 79,7 | 50,2 J | 14 |
| 80,6[1] | 7,07 M | 5 | 80,7 | 49,4 M | 7 |
| 80,6 | 7,01 G | 2 | | | |
| 80,7 | 7,06 J | 6 | 80,7 | 49,6 J | 6 |
| 81,7 | 7,15 M | 1 | 81,7 | 50,5 M | 1 |
| 81,6 | 7,17 J | 6 | 81,6 | 50,1 J | 6 |
| 76,0 | 7s,04 | | 76,0 | 50",2 | |

[1] Août 8 𝒟 diminuée de 3",8 : erreur de transcrip. du micromètre.

### 9 $\beta^2$ Capricorne.

Mouv. propre adopté. { $\delta$𝒜 = + 0s,002, $\delta$𝒟 = − 0",04.

I.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | 20h 12m | | | 105° 15′ | |
| 37,6 | 17s,90 G | 3 | 37,6 | 57",9 F | 4 |
| 38,7 | 17,83 G | 13 | 38,7 | 58,5 F | 1 |
| 39,6 | 17,91 G | 1 | 39,6 | 57,5 F | 1 |
| 40,7 | 17,83 G | 11 | 40,6 | 59,6 F | 1 |
| 41,6 | 17,85 G | 19 | 41,6 | 57,3 F | 2 |
| 42,7 | 17,85 G | 1 | 42,7 | 57,8 F | 1 |
| | | | 43,6 | 57,4 G | 1 |
| | | | 43,6 | 58,3 F | 1 |
| 45,5 | 17,84 G | 4 | | | |
| 46,7 | 17,84 G | 22 | | | |
| 47,8 | 17,90 G | 5 | | | |
| 48,6 | 17,97 G | 3 | 48,7 | 59,0 G | 3 |
| 49,7 | 17,91 G | 3 | | | |
| 50,6 | 17,89 G | 5 | 50,5 | 58,5 G | 2 |
| 51,7 | 17,81 G | 3 | 51,8 | 58,5 G | 1 |
| 52,8 | 17,88 G | 7 | 52,8 | 59,5 G | 1 |
| 53,6 | 17,94 G | 2 | | | |
| 45,4 | 17s,87 | | 44,2 | 58",3 | |

II.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | 20h 13m | | | 105° 13′ | |
| 54,7 | 8s,53 G | 5 | 54,7 | 10",9 G | 1 |
| 55,7 | 8,49 G | 4 | 55,6 | 12,4 G | 3 |
| 56,6 | 8,59 G | 12 | 56,6 | 11,8 G | 2 |
| 57,7 | 8,59 G | 8 | 57,8 | 13,8 G | 4 |
| 58,7 | 8,54 G | 8 | 58,7 | 13,1 G | 3 |
| 59,7 | 8,58 G | 4 | 59,9 | 11,8 G | 1 |
| | | | 60,6 | 13,3 G | 2 |
| 61,6 | 8,55 G | 14 | 61,6 | 13,7 G | 3 |
| 63,6 | 8,56 M | 2 | 63,6 | 14,7 M | 2 |
| 64,6 | 8,57 M | 3 | 64,6 | 13,5 M | 3 |
| 65,6 | 8,55 M | 10 | 65,6 | 13,8 M | 10 |
| 66,6 | 8,51 M | 4 | 66,6 | 13,7 M | 3 |
| 67,7 | 8,59 M | 3 | 67,7 | 13,5 M | 3 |
| 60,7 | 8s,56 | | 61,6 | 13",2 | |

### 9 $\beta^2$ Capricorne (suite).

III.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | 20h 13m | | | 105° 10′ | |
| 68,6 | 59s,13 M | 4 | 68,6 | 27",6 M | 4 |
| 68,6 | 59,15 G | 2 | 68,6 | 27,5 G | 1 |
| 69,6 | 59,14 M | 13 | 69,6 | 27,1 M | 13 |
| | | | 69,6 | 27,4 G | 2 |
| 70,6 | 59,20 M | 3 | 70,6 | 27,5 M | 3 |
| 71,7 | 59,19 M | 4 | 71,7 | 27,5 M | 4 |
| 72,6 | 59,17 M | 4 | 72,6 | 27,6 M | 3 |
| 73,6 | 59,17 M | 6 | 73,6 | 27,8 M | 5 |
| 73,7 | 59,20 G | 2 | | | |
| 74,7 | 59,18 M | 5 | 74,7 | 27,9 M | 7 |
| 74,7 | 59,20 G | 4 | 74,7 | 27,8 G | 4 |
| 75,7 | 59,18 M | 5 | 75,7 | 27,5 M | 5 |
| 75,6 | 59,17 G | 2 | 75,6 | 28,5 G | 2 |
| 76,7 | 59,16 M | 6 | 76,7 | 27,6 M | 6 |
| 76,6 | 59,21 G | 6 | 76,7 | 27,9 G | 6 |
| 77,6 | 59,18 M | 2 | 77,9 | 27,4 M | 2 |
| 78,7 | 59,17 M | 12 | 78,9 | 27,8 M | 11 |
| 78,7 | 59,22 G | 4 | 78,6 | 28,4 G | 4 |
| 78,7 | 59,17 J | 7 | 78,7 | 28,1 J | 7 |
| 79,7 | 59,18 M | 2 | 79,7 | 28,4 M | 2 |
| 79,7 | 59,22 G | 8 | 79,7 | 27,8 G | 6 |
| 79,7 | 59,17 J | 18 | 79,7 | 28,0 J | 19 |
| 80,6[1] | 59,18 M | 12 | 80,6 | 27,4 M | 11 |
| 80,5 | 59,29 G | 2 | | | |
| 80,7 | 59,25 J | 6 | 80,7 | 28,1 J | 6 |
| 81,6 | 59,17 M | 14 | 81,6 | 27,6 M | 14 |
| 81,7 | 59,25 G | 2 | 81,7 | 26,8 G | 1 |
| 81,7 | 59,18 J | 14 | 81,7 | 27,9 J | 14 |
| 76,2 | 59s,18 | | 76,2 | 27",7 | |

[1] Août 8, 𝒟 diminuée de 5",2 : erreur de transcription du micromètre.

### 37 $\gamma$ Cygne.

Mouv. propre adopté. { $\delta$𝒜 = + 0s,001, $\delta$𝒟 = − 0",02.

I.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | 20h 16m | | | 50° 14′ | |
| 37,5 | 39s,98 G | 10 | 37,6 | 11",6 F | 7 |
| 38,7 | 39,92 G | 11 | 38,7 | 12,5 F | 2 |
| 39,6 | 39,94 G | 3 | 39,6 | 11,6 F | 1 |
| 40,7 | 39,92 G | 1 | 40,7 | 10,3 F | 1 |
| 41,6 | 40,01 G | 8 | 41,6 | 11,1 F | 3 |
| 43,6 | 40,05 G | 1 | 43,6 | 12,4 G | 2 |
| | | | 43,6 | 11,8 F | 2 |
| 45,9 | 39,96 G | 1 | | | |
| 46,7 | 40,00 G | 16 | 46,8 | 11,9 G | 4 |
| 47,2 | 39,95 G | 10 | 47,2 | 12,1 G | 6 |
| 48,6 | 39,99 G | 5 | 48,9 | 12,8 G | 1 |
| 49,7 | 40,05 G | 6 | 49,7 | 11,1 G | 3 |
| 50,6 | 40,00 G | 6 | 50,8 | 12,7 F | 2 |
| 51,8 | 40,06 G | 5 | 51,5 | 11,7 F | 1 |
| 52,7 | 40,02 G | 8 | 52,7 | 12,4 G | 7 |
| | | | 52,6 | 11,9 F | 9 |
| 53,6 | 40,07 G | 10 | 53,6 | 12,7 G | 8 |
| | | | 53,7 | 13,8 F | 6 |
| 46,2 | 40s,00 | | 46,9 | 12",0 | |

II.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | 20h 17m | | | 50° 11′ | |
| 54,4 | 12s,17 G | 9 | 54,8 | 22",1 G | 4 |
| 55,6 | 12,18 G | 4 | 55,7 | 22,7 G | 7 |
| 56,4 | 12,17 G | 6 | 56,4 | 22,0 G | 6 |
| 57,4 | 12,15 G | 7 | 57,9 | 22,7 G | 2 |
| 58,5 | 12,12 G | 11 | 58,6 | 22,5 G | 8 |
| 59,3 | 12,20 G | 10 | 59,5 | 22,9 G | 4 |
| 60,5 | 12,31 G | 2 | 60,3 | 22,2 G | 2 |
| 61,4 | 12,18 G | 10 | 61,7 | 22,6 G | 6 |
| 62,6 | 12,11 G | 2 | | | |

### 37 $\gamma$ Cygne (suite).

II (suite).

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | 20h 17m | | | 50° 11′ | |
| 63,6 | 12s,16 M | 4 | 63,2 | 22",6 M | 5 |
| 63,5 | 12,13 G | 10 | 63,7 | 22,5 G | 4 |
| 64,6 | 12,19 M | 14 | 64,5 | 22,2 M | 15 |
| 64,6 | 12,19 G | 18 | 64,6 | 23,0 G | 4 |
| 65,5 | 12,17 M | 12 | 65,5 | 22,9 M | 12 |
| 65,7 | 12,22 G | 6 | 65,7 | 22,5 G | 2 |
| 66,6 | 12,20 M | 5 | 66,6 | 22,7 M | 5 |
| 66,6 | 12,34 G | 4 | 66,6 | 22,8 G | 1 |
| 67,7 | 12,14 M | 6 | 67,7 | 23,1 M | 6 |
| 67,6 | 12,16 G | 8 | 67,6 | 22,7 G | 8 |
| 61,6 | 12s,18 | | 61,8 | 22",6 | |

III.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | 20h 17m | | | 50° 8′ | |
| 68,8 | 44s,58 M | 1 | 68,8 | 33",3 M | 1 |
| 68,6 | 44,46 G | 1 | | | |
| 69,7 | 44,46 M | 3 | 69,7 | 32,8 M | 3 |
| 71,7 | 44,46 M | 8 | 69,6 | 32,2 G | 4 |
| 71,6 | 44,47 G | 1 | 71,7 | 32,4 M | 9 |
| 72,5 | 44,47 M | 5 | 72,5 | 32,3 M | 5 |
| 72,6 | 44,48 G | 9 | | | |
| 73,6 | 44,48 G | 1 | | | |
| 74,7 | 44,44 M | 1 | 74,7 | 32,4 M | 1 |
| 75,7 | 44,38 M | 5 | 75,7 | 32,3 M | 5 |
| 76,7 | 44,45 M | 6 | 76,6 | 32,1 M | 7 |
| 76,6 | 44,42 G | 2 | 76,6 | 32,2 G | 1 |
| 78,6 | 44,47 M | 3 | 78,7 | 32,9 M | 4 |
| 78,7 | 44,38 G | 2 | 78,9 | 31,3 J | 2 |
| 79,6 | 44,42 M | 1 | 79,6 | 32,4 M | 1 |
| 79,7 | 44,46 G | 5 | 79,7 | 32,3 G | 3 |
| 79,7 | 44,48 J | 4 | 79,7 | 33,0 J | 5 |
| 80,5 | 44,44 M | 1 | | | |
| 80,7 | 44,47 G | 9 | 80,7 | 33,0 G | 9 |
| 80,7 | 44,33 J | 1 | 80,9 | 32,6 J | 1 |
| 81,7 | 44,46 M | 3 | 81,7 | 32,4 M | 3 |
| 81,7 | 44,29 G | 1 | 81,7 | 33,3 G | 5 |
| 81,7 | 44,41 J | 5 | 81,7 | 32,2 J | 8 |
| 76,0 | 44s,45 | | 76,4 | 32",5 | |

### 11 $\rho$ Capricorne.

Mouv. propre adopté. { $\delta$𝒜 = − 0s,003, $\delta$𝒟 = + 0",03.

I.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | 20h 20m | | | 108° 19′ | |
| 37,6 | 0s,86 G | 3 | 37,6 | 16",8 F | 2 |
| 38,7 | 0,78 G | 3 | | | |
| 39,6 | 0,83 G | 4 | 39,6 | 16,3 F | 2 |
| 40,7 | 0,73 G | 5 | 40,6 | 17,8 F | 1 |
| 41,6 | 0,83 G | 1 | 41,6 | 16,6 F | 1 |
| 43,9 | 0,64 G | 1 | | | |
| 44,6 | 0,88 G | 1 | | | |
| 45,5 | 0,80 G | 1 | | | |
| 46,5 | 0,88 G | 2 | | | |
| 48,4 | 0,84 G | 2 | 48,5 | 18,1 G | 1 |
| 49,6 | 0,69 G | 1 | 49,6 | 16,7 G | 1 |
| 51,6 | 0,84 G | 3 | 51,5 | 18,0 F | 1 |
| 52,7 | 0,69 G | 2 | | | |
| 53,5 | 0,85 G | 1 | | | |
| 44,7 | 0s,80 | | 43,7 | 17",1 | |

II.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | 20h 20m | | | 108° 16′ | |
| 54,7 | 52s,18 G | 1 | | | |
| 55,5 | 52,21 G | 2 | 55,5 | 26",0 G | 1 |
| 57,6 | 52,33 G | 3 | 57,8 | 26,2 G | 1 |
| 58,7 | 52,25 G | 13 | 58,7 | 25,3 G | 15 |
| 59,6 | 52,29 G | 10 | 59,7 | 24,5 G | 4 |

## 11 ρ Capricorne (suite).

II (suite).

| Ép. moy. annuelle. | AR. | N. | Ép. moy. annuelle. | D. | N. |
|---|---|---|---|---|---|
| | $20^h 20^m$ | | | 108° 16′ | |
| 60,7 | 52ˢ,30 G | 6 | 60,7 | 24″,4 G | 6 |
| 61,7 | 52,30 G | 13 | 61,7 | 24,9 G | 8 |
| 62,7 | 52,24 G | 6 | 62,7 | 24,9 G | 6 |
| 63,6 | 52,31 M | 4 | 63,7 | 24,3 M | 6 |
| 63,5 | 52,16 G | 1 | 63,5 | 23,0 G | 1 |
| 64,6 | 52,26 M | 8 | 64,7 | 24,2 M | 8 |
| 65,6 | 52,32 M | 12 | 65,7 | 24,2 M | 13 |
| 66,7 | 52,31 M | 7 | 66,7 | 24,3 M | 6 |
| 67,6 | 52,26 M | 4 | 67,7 | 24,3 M | 3 |
| 62,0 | 52ˢ,28 | | 62,6 | 24″,7 | |

III.

| Ép. moy. annuelle. | AR. | N. | Ép. moy. annuelle. | D. | N. |
|---|---|---|---|---|---|
| | $20^h 21^m$ | | | 108° 13′ | |
| 68,7 | 43ˢ,72 M | 6 | 68,7 | 30″,3 M | 6 |
| 68,6 | 43,66 G | 1 | | | |
| 69,7 | 43,73 M | 4 | 69,7 | 30,8 M | 4 |
| | | | 69,6 | 29,3 G | 1 |
| 70,6 | 43,76 M | 2 | 70,6 | 29,8 M | 2 |
| 71,7 | 43,65 M | 5 | 71,7 | 30,4 M | 5 |
| 72,6 | 43,71 M | 3 | 72,6 | 29,8 M | 3 |
| 73,7 | 43,69 M | 14 | 73,7 | 30,4 M | 13 |
| 73,6 | 43,64 G | 1 | | | |
| 74,7 | 43,72 M | 8 | 74,7 | 30,7 M | 8 |
| 75,7 | 43,72 M | 5 | 75,7 | 30,1 M | 5 |
| 76,6 | 43,71 M | 8 | 76,6 | 30,5 M | 8 |
| 76,6 | 43,74 G | 2 | 76,7 | 30,7 G | 5 |
| 77,6 | 43,75 M | 1 | 77,7 | 30,8 M | 3 |
| 77,6 | 43,70 G | 1 | | | |
| 78,7 | 43,72 M | 11 | 78,7 | 31,1 M | 13 |
| 78,7 | 43,71 G | 9 | 78,6 | 31,2 G | 8 |
| 78,7 | 43,70 J | 8 | 78,7 | 31,3 J | 7 |
| 79,7 | 43,76 G | 4 | 79,7 | 30,9 G | 5 |
| 79,7 | 43,67 J | 9 | 79,7 | 30,8 J | 10 |
| 80,6 | 43,73 M | 5 | 80,6 | 29,9 M | 4 |
| | | | 80,7 | 31,7 J | 1 |
| 81,7 | 43,76 G | 1 | 81,7 | 31,6 G | 1 |
| 81,7 | 43,76 J | 9 | 81,7 | 31,1 J | 9 |
| 75,8 | 43ˢ,72 | | 75,8 | 30″,6 | |

## 9 α Dauphin.

Mouv. propre adopté. { $\delta AR = +0^s,007$, $\delta D = -0'',03$.

I.

| Ép. moy. annuelle. | AR. | N. | Ép. moy. annuelle. | D. | N. |
|---|---|---|---|---|---|
| | $20^h 32^m$ | | | 74° 37′ | |
| 37,7 | 26ˢ,30 G | 5 | 37,7 | 51″,8 F | 1 |
| 38,7 | 26,32 G | 10 | 38,7 | 52,7 F | 4 |
| 41,6 | 26,34 G | 7 | 41,6 | 51,7 F | 4 |
| 42,7 | 26,04 G | 2 | | | |
| 44,8 | 26,37 G | 1 | | | |
| 45,9 | 26,36 G | 3 | 45,9 | 51,4 G | 1 |
| 46,7 | 26,28 G | 6 | 46,8 | 52,1 G | 4 |
| 48,7 | 26,28 G | 3 | 48,9 | 52,2 G | 1 |
| 49,7 | 26,25 G | 9 | | | |
| 50,7 | 26,26 G | 6 | 50,7 | 51,9 F | 1 |
| 51,6 | 26,33 G | 6 | 51,7[1] | 52,2 G | 3 |
| 52,8 | 26,40 G | 8 | 52,7 | 52,4 G | 9 |
| | | | 52,2[2] | 53,0 F | 8 |
| 53,7 | 26,34 G | 16 | 53,6[3] | 52,4 G | 9 |
| | | | 53,7 | 52,0 F | 6 |
| 47,1 | 26ˢ,30 | | 48,1 | 52″,2 | |

II.

| Ép. moy. annuelle. | AR. | N. | Ép. moy. annuelle. | D. | N. |
|---|---|---|---|---|---|
| | $20^h 33^m$ | | | 74° 34′ | |
| 54,8 | 8ˢ,12 G | 9 | 54,6 | 45″,5 G | 2 |
| 55,7 | 8,11 G | 10 | 55,7 | 46,3 G | 9 |
| 56,6 | 8,08 G | 12 | 56,7 | 45,8 G | 7 |
| 57,7 | 8,12 G | 12 | 57,7 | 46,4 G | 13 |
| 58,7 | 8,04 G | 12 | 58,7 | 46,2 G | 9 |
| 59,6 | 8,08 G | 8 | 59,6 | 46,3 G | 5 |
| 60,7 | 8,11 G | 6 | 60,7 | 45,3 G | 7 |
| 61,6 | 8,05 G | 16 | 61,7 | 46,2 G | 8 |
| 62,6 | 8,07 G | 9 | 62,7 | 46,1 G | 5 |
| 63,6 | 8,08 M | 4 | 63,6 | 46,0 M | 5 |
| 63,6 | 8,05 G | 9 | 63,5 | 46,1 G | 1 |
| 64,7 | 8,05 M | 15 | 64,7 | 46,4 M | 15 |
| 64,6 | 8,08 G | 17 | 64,6 | 46,0 G | 3 |
| 65,7 | 8,05 M | 11 | 65,7 | 46,4 M | 12 |
| 65,7 | 8,07 G | 4 | | | |
| 66,7 | 8,08 M | 9 | 66,7 | 45,9 M | 8 |
| 66,6 | 8,10 G | 3 | | | |
| 67,6 | 8,22 G | 1 | 67,6 | 44,6 G | 1 |
| 61,1 | 8ˢ,08 | | 61,2 | 46″,1 | |

III.

| Ép. moy. annuelle. | AR. | N. | Ép. moy. annuelle. | D. | N. |
|---|---|---|---|---|---|
| | $20^h 33^m$ | | | 74° 31′ | |
| 68,7 | 49ˢ,89 M | 5 | 68,7 | 39″,6 M | 4 |
| 68,6 | 49,89 G | 3 | 69,6 | 39,2 M | 4 |
| 69,6 | 49,87 M | 4 | 69,7 | 38,9 G | 2 |
| 71,8 | 49,89 M | 6 | 71,8 | 39,4 M | 6 |
| 71,7 | 49,86 G | 12 | 71,7 | 39,0 G | 9 |
| 72,7 | 49,87 M | 4 | 72,7 | 39,9 M | 4 |
| 72,7 | 49,85 G | 10 | | | |
| 73,7 | 49,84 M | 6 | 73,7 | 39,5 M | 5 |
| 74,7 | 49,87 M | 11 | 74,7 | 39,6 M | 11 |
| 74,7 | 49,84 G | 5 | 74,7 | 39,2 G | 4 |
| 75,7 | 49,88 M | 9 | 75,7 | 39,8 M | 9 |
| 75,6 | 49,85 G | 3 | 75,6 | 39,0 G | 3 |
| 76,6 | 49,87 M | 10 | 76,6 | 39,2 M | 9 |
| 76,7 | 49,82 G | 9 | 76,7 | 39,1 G | 7 |
| 77,7 | 49,79 M | 7 | 77,7 | 39,6 M | 10 |
| 78,6 | 49,94 M | 4 | 78,6 | 39,2 M | 4 |
| 78,7 | 49,75 J | 1 | 78,6 | 38,2 G | 1 |
| 79,7 | 49,88 M | 1 | 79,7 | 40,4 M | 1 |
| 79,7 | 49,87 G | 6 | 79,7 | 39,1 G | 5 |
| 79,7 | 49,83 J | 14 | 79,7 | 39,7 J | 14 |
| 80,7 | 49,87 M | 10 | 80,7 | 39,6 M | 10 |
| 80,7 | 49,82 G | 17 | 80,7 | 39,1 G | 17 |
| 80,7 | 49,82 J | 8 | 80,7 | 39,5 J | 8 |
| 81,7 | 49,87 M | 1 | 81,7 | 39,6 M | 2 |
| 81,7 | 49,88 M | 8 | 81,7 | 40,7 G | 8 |
| 81,6 | 49,84 J | 9 | 81,6 | 39,5 J | 8 |
| 76,0 | 49ˢ,86 | | 76,3 | 39″,5 | |

[1] Septembre 12, D augmentée de 10″ : erreur de réduction.

[2] Août 13, D augmentée de 1′ : erreur de réduction.

[3] Août 9, D diminuée de 30″ : erreur de réduction.

## 50 α Cygne.

Mouv. propre adopté. { $\delta AR = +0^s,001$, $\delta D = 0'',00$.

I.

| Ép. moy. annuelle. | AR. | N. | Ép. moy. annuelle. | D. | N. |
|---|---|---|---|---|---|
| | $20^h 36^m$ | | | 45° 16′ | |
| 37,5 | 8ˢ,94 G | 48 | 37,6 | 16″,3 F | 16 |
| 38,5 | 8,91 G | 36 | 38,6 | 16,7 F | 9 |
| 39,3 | 8,93 G | 16 | 39,5 | 15,8 F | 4 |
| 40,7 | 8,97 G | 18 | 40,7 | 15,8 F | 9 |
| 41,5 | 8,92 G | 36 | 41,4 | 16,2 F | 18 |
| 42,6 | 8,97 G | 13 | 42,5 | 16,3 F | 9 |
| 43,7 | 8,94 G | 28 | 43,7 | 16,4 G | 17 |
| | | | 43,7 | 16,6 F | 15 |
| 44,6 | 8,92 G | 13 | 44,5 | 16,3 G | 11 |
| | | | 44,4 | 16,2 F | 3 |
| 45,7 | 8,91 G | 25 | 45,7 | 16,3 G | 6 |
| | | | 45,6 | 15,5 F | 5 |
| 46,7 | 8,96 G | 38 | 46,7[1] | 16,0 G | 16 |
| | | | 46,5 | 16,2 F | 2 |
| 47,4 | 8,90 G | 25 | 47,4 | 16,0 G | 14 |
| | | | 47,7 | 15,3 F | 3 |
| 48,7 | 8,94 G | 24 | 48,7 | 16,2 G | 8 |
| 49,6 | 8,92 G | 22 | 49,5 | 16,1 G | 7 |
| 50,6 | 8,94 G | 11 | 50,6 | 16,3 G | 3 |
| 51,4 | 8,90 G | 2 | | | |
| 52,7 | 8,94 G | 10 | 52,7 | 16,0 G | 11 |
| | | | 52,6 | 16,1 F | 8 |
| 53,6 | 9,03 G | 11 | 53,6 | 16,2 G | 9 |
| | | | 53,7 | 16,4 F | 5 |
| 45,0 | 8ˢ,94 | | 45,2 | 16″,2 | |

II.

| Ép. moy. annuelle. | AR. | N. | Ép. moy. annuelle. | D. | N. |
|---|---|---|---|---|---|
| | $20^h 36^m$ | | | 45° 13′ | |
| 54,4 | 39ˢ,54 G | 11 | 54,4 | 6″,0 G | 17 |
| | | | 54,2 | 6,2 F | 5 |
| | | | 54,2 I | 2,7 F | 1 |
| 55,7 | 39,55 G | 17 | 55,7 | 6,1 G | 28 |
| | | | 55,2 I | 1,4 G | 2 |
| 56,5 | 39,49 G | 27 | 56,5 | 6,1 G | 23 |
| 56,2 I | 39,57 G | 3 | 56,2 I | 5,1 G | 7 |
| 57,5 | 39,51 G | 27 | 57,7 | 6,1 G | 23 |
| | | | 57,2 I | 7,4 G | 7 |
| 58,5 | 39,51 G | 32 | 58,5 | 6,1 G | 25 |
| 59,4 | 39,50 G | 26 | 59,4 | 6,5 G | 17 |
| | | | 59,2 I | 6,2 G | 3 |
| 60,6 | 39,59 G | 6 | 60,4 | 6,3 G | 9 |
| 61,6 | 39,54 G | 26 | 61,7 | 6,2 G | 6 |
| 62,5 | 39,51 G | 18 | 62,5 | 6,1 G | 7 |
| 63,7 | 39,43 M | 4 | 63,8 | 5,1 M | 5 |
| 63,3 | 39,48 G | 28 | 63,2 | 6,4 G | 20 |
| | | | 63,2 I | 7,7 G | 1 |
| 64,5 | 39,48 M | 13 | 64,5 | 5,7 M | 15 |
| 64,7 | 39,49 G | 5 | | | |
| 65,5 | 39,46 M | 12 | 65,5 | 5,7 M | 10 |
| 65,7 | 39,55 G | 3 | 65,7 | 6,0 G | 2 |
| 66,3 | 39,41 M | 3 | 66,0 | 5,9 M | 1 |
| 66,6 | 39,51 G | 5 | | | |
| 67,6 | 39,43 M | 3 | 67,8 | 5,8 M | 3 |
| 67,6 | 39,48 G | 8 | 67,7 | 6,1 G | 8 |
| 61,6 | 39ˢ,51 | | 60,1 | 6″,1 | |

III.

| Ép. moy. annuelle. | AR. | N. | Ép. moy. annuelle. | D. | N. |
|---|---|---|---|---|---|
| | $20^h 37^m$ | | | 45° 9′ | |
| 68,6 | 10ˢ,11 M | 3 | 68,2 | 55″,3 M | 1 |
| 69,8 | 10,03 M | 1 | 69,7 | 56,0 M | 2 |
| | | | 69,6 | 56,0 G | 1 |
| 71,6 | 10,19 M | 6 | 71,6 | 55,3 M | 6 |
| 72,2 | 10,19 M | 7 | 72,2 | 55,4 M | 7 |
| 72,5 | 10,10 G | 8 | | | |
| 74,1 | 10,15 M | 2 | 74,1 | 55,7 M | 3 |
| 75,2 | 10,23 M | 2 | 75,1 | 55,6 M | 5 |
| | | | 75,6 | 55,8 G | 1 |
| 78,7 | 10,13 J | 1 | | | |
| 79,9 | 10,21 J | 1 | 79,9 | 55,0 J | 4 |
| 80,7 | 10,16 G | 8 | 80,7 | 55,8 G | 7 |
| 80,7 | 10,23 J | 1 | 80,4 | 55,5 J | 2 |
| | | | 81,7 | 55,8 M | 1 |
| 81,6 | 10,00 G | 2 | 81,6 | 55,0 G | 2 |
| 81,7 | 10,01 J | 2 | 81,7 | 54,8 J | 3 |
| 75,2 | 10ˢ,14 | | 75,6 | 55″,4 | |

[1] Juillet 20, D diminuée de 10″ : erreur de réduction.

## 16 ψ Capricorne.

Mouv. propre adopté. $\delta\mathcal{AR} = -0^s,005$, $\delta\mathcal{P} = +0'',16$.

| Ép. moy. annuelle. | $\mathcal{AR}$. | N. | Ép. moy. annuelle. | $\mathcal{P}$. | N. |
|---|---|---|---|---|---|
| | **I.** | | | | |
| | $20^h36^m$ | | | 115°49′ | |
| 39,7 | $54^s,43$ G | 1 | | | |
| 51,7 | 54,61 G | 2 | | | |
| 46,9 | $54^s,54$ | | | | |
| | **II.** | | | | |
| | $20^h37^m$ | | | 115°46′ | |
| 54,7 | $48^s,01$ G | 3 | | | |
| 55,5 | 48,08 G | 1 | 55,5 | 16",6 G | 1 |
| 57,8 | 47,90 G | 1 | 57,7 | 17,4 G | 1 |
| 58,7 | 48,12 G | 3 | 58,7 | 15,7 G | 7 |
| 60,7 | 48,06 G | 2 | 60,6 | 16,9 G | 1 |
| | | | 61,8 | 17,3 G | 1 |
| 63,6 | 48,05 M | 4 | 63,6 | 16,3 M | 5 |
| 64,6 | 48,07 M | 5 | 64,6 | 17,2 M | 4 |
| 65,7 | 48,04 M | 7 | 65,7 | 16,4 M | 4 |
| 66,7 | 47,95 M | 1 | 66,7 | 17,1 M | 1 |
| 61,4 | $48^s,04$ | | 62,0 | 16",6 | |
| | **III.** | | | | |
| | $20^h38^m$ | | | 115°43′ | |
| 71,7 | $41^s,48$ M | 2 | 71,7 | 8",4 M | 2 |
| 73,6 | 41,44 M | 2 | 73,6 | 7,4 M | 2 |
| 74,9 | 41,49 M | 1 | 74,9 | 6,8 M | 2 |
| 78,7 | 41,56 J | 1 | 78,7 | 6,4 G | 1 |
| 79,7 | 41,60 J | 1 | 79,6 | 6,5 J | 1 |
| 80,6 | 41,49 M | 1 | 80,6 | 4,3 M | 1 |
| 80,5 | 41,37 G | 1 | | | |
| 81,7 | 41,48 M | 1 | 81,7 | 8,2 M | 1 |
| 81,7 | 41,55 G | 1 | | | |
| 77,2 | $41^s,50$ | | 76,6 | 7",0 | |

## 3 Verseau.

Mouv. propre adopté. $\delta\mathcal{AR} = -0^s,002$, $\delta\mathcal{P} = +0'',03$.

| Ép. moy. annuelle. | $\mathcal{AR}$. | N. | Ép. moy. annuelle. | $\mathcal{P}$. | N. |
|---|---|---|---|---|---|
| | **I.** | | | | |
| | $20^h39^m$ | | | 95°35′ | |
| 40,7 | $33^s,36$ G | 1 | | | |
| 41,7 | 33,32 G | 7 | | | |
| 45,7 | 33,27 G | 1 | | | |
| 48,7 | 33,28 G | 1 | | | |
| 49,6 | 33,36 G | 2 | | | |
| 44,8 | $33^s,32$ | | | | |
| | **II.** | | | | |
| | $20^h40^m$ | | | 95°32′ | |
| 54,8 | $20^s,81$ G | 2 | 54,8 | 16",4 G | 1 |
| 55,7 | 20,82 G | 5 | 55,7 | 15,6 G | 5 |
| 56,7 | 20,82 G | 4 | 56,6 | 15,4 G | 3 |
| 57,8 | 20,87 G | 6 | 57,8 | 16,3 G | 2 |
| 58,8 | 20,85 G | 3 | 58,7 | 15,6 G | 3 |
| | | | 58,7 | 15,4 F | 2 |
| 59,8 | 20,88 G | 2 | 59,9 | 15,3 G | 1 |
| 60,7 | 20,98 G | 4 | 60,7 | 16,1 G | 1 |
| | | | 60,6 | 15,3 F | 1 |
| 61,7 | 20,93 G | 11 | 61,7 | 16,3 G | 6 |
| 62,6 | 20,74 G | 1 | | | |
| | | | 63,7 | 16,8 M | 1 |
| 64,6 | 20,90 M | 3 | 64,6 | 15,5 M | 4 |
| 66,7 | 20,87 G | 1 | 66,7 | 15,1 M | 1 |
| 67,6 | 20,87 M | 3 | 67,6 | 15,4 M | 2 |
| 60,3 | $20^s,87$ | | 60,5 | 15",8 | |

## 3 Verseau (suite).

| Ép. moy. annuelle. | $\mathcal{AR}$. | N. | Ép. moy. annuelle. | $\mathcal{P}$. | N. |
|---|---|---|---|---|---|
| | **III.** | | | | |
| | $20^h41^m$ | | | 95°29′ | |
| 68,7 | $8^s,44$ M | 9 | 68,7 | 2",6 M | 9 |
| 69,6 | 8,43 M | 8 | 69,6 | 2,7 M | 8 |
| 70,6 | 8,58 M | 1 | 70,6 | 0,1 M | 1 |
| 71,6 | 8,45 M | 4 | 71,6 | 1,3 M | 6 |
| | | | 71,6 | 1,5 G | 1 |
| 72,6 | 8,43 M | 1 | 72,6 | 1,8 M | 1 |
| 72,8 | 8,41 G | 1 | | | |
| 73,6 | 8,43 M | 7 | 73,6 | 2,2 M | 7 |
| 74,7 | 8,40 M | 9 | 74,7 | 2,2 M | 8 |
| 74,7 | 8,40 G | 5 | 74,7 | 2,1 G | 5 |
| 75,8 | 8,42 M | 6 | 75,8 | 1,7 M | 6 |
| 75,6 | 8,43 G | 3 | 75,6 | 1,8 G | 3 |
| 76,7 | 8,42 M | 5 | 76,7 | 2,7 M | 5 |
| 76,7 | 8,42 G | 14 | 76,7 | 2,0 G | 14 |
| 77,7 | 8,45 M | 6 | 77,7 | 2,0 M | 8 |
| 78,7 | 8,43 M | 5 | 78,7 | 1,9 M | 5 |
| 78,7 | 8,39 G | 7 | 78,6 | 1,2 G | 7 |
| 78,7 | 8,42 J | 5 | 78,7 | 2,4 J | 3 |
| 79,7 | 8,49 M | 3 | 79,7 | 2,0 M | 3 |
| 79,7 | 8,39 G | 8 | 79,7 | 1,6 G | 7 |
| 79,7 | 8,38 J | 10 | 79,7 | 2,2 J | 10 |
| 80,6 | 8,41 M | 11 | 80,6 | 2,0 M | 11 |
| 80,6 | 8,47 G | 2 | | | |
| 80,7 | 8,44 J | 5 | 80,7 | 1,8 J | 6 |
| 81,7 | 8,42 M | 6 | 81,7 | 2,2 M | 10 |
| 81,6 | 8,39 G | 3 | 81,7 | 1,6 G | 3 |
| 81,7 | 8,45 J | 11 | 81,7 | 2,1 J | 12 |
| 76,2 | $8^s,43$ | | 76,2 | 2",0 | |

## 53 ε Cygne.

Mouv. propre adopté. $\delta\mathcal{AR} = +0^s,029$, $\delta\mathcal{P} = -0'',33$.

| Ép. moy. annuelle. | $\mathcal{AR}$. | N. | Ép. moy. annuelle. | $\mathcal{P}$. | N. |
|---|---|---|---|---|---|
| | **I.** | | | | |
| | $20^h39^m$ | | | 56°36′ | |
| 37,4 | $56^s,47$ G | 14 | 37,6 | 26",3 F | 5 |
| 38,7 | 56,44 G | 13 | 38,5 | 26,8 F | 4 |
| 40,6 | 56,48 G | 2 | 40,6 | 27,2 F | 1 |
| | | | 41,6 | 26,1 F | 1 |
| 43,6 | 56,42 G | 3 | 43,6 | 26,9 G | 1 |
| | | | 43,6 | 26,2 G | 1 |
| 46,6 | 56,48 G | 1 | 46,7 | 25,5 F | 1 |
| 52,9 | 56,43 G | 2 | | | |
| 53,2 | 56,42 G | 1 | | | |
| 42,3 | $56^s,45$ | | 40,5 | 26",4 | |
| | **II.** | | | | |
| | $20^h40^m$ | | | 56°33′ | |
| 54,9 | $32^s,67$ G | 1 | 54,7 | 8",1 G | 1 |
| | | | 55,9 | 8,7 G | 1 |
| 56,5 | 32,79 G | 5 | 56,2 | 8,4 G | 2 |
| 57,5 | 32,78 G | 7 | 57,5 | 8,4 G | 4 |
| 58,3 | 32,72 G | 5 | 58,7 | 8,1 F | 1 |
| 59,3 | 32,79 G | 5 | | | |
| 60,5 | 32,84 G | 4 | 60,6 | 6,8 G | 3 |
| 61,4 | 32,74 G | 5 | 61,9 | 8,4 G | 1 |
| 62,5 | 32,80 G | 8 | 62,2 | 8,5 G | 2 |
| 63,7 | 32,76 M | 2 | 63,7 | 6,4 M | 1 |
| 63,6 | 32,78 G | 14 | 63,2 | 8,4 G | 1 |
| 64,6 | 32,81 G | 16 | | | |
| 65,6 | 32,77 M | 7 | 65,6 | 8,2 M | 7 |
| 65,7 | 32,83 G | 3 | 65,7 | 8,4 G | 4 |
| 66,7 | 32,79 M | 3 | 66,6 | 7,4 M | 2 |
| 66,6 | 32,78 G | 2 | | | |
| 67,7 | 32,85 M | 5 | 67,7 | 7,6 M | 5 |
| 67,6 | 32,75 G | 3 | 67,7 | 8,0 G | 3 |
| 62,2 | $32^s,78$ | | 62,0 | 8",0 | |

## 53 ε Cygne (suite).

| Ép. moy. annuelle. | $\mathcal{AR}$. | N. | Ép. moy. annuelle. | $\mathcal{P}$. | N. |
|---|---|---|---|---|---|
| | **III.** | | | | |
| | $20^h41^m$ | | | 56°29′ | |
| 68,8 | $9^s,06$ M | 1 | 68,8 | 50",3 M | 1 |
| 69,6 | 9,13 M | 5 | 69,6 | 49,3 M | 6 |
| 71,8 | 9,15 M | 5 | 71,8 | 49,1 M | 5 |
| 72,2 | 9,18 M | 1 | 72,2 | 49,1 M | 1 |
| 72,7 | 9,01 G | 2 | | | |
| 74,7 | 9,13 M | 2 | 74,7 | 48,8 M | 2 |
| 79,7 | 9,18 G | 5 | 79,7 | 48,9 G | 6 |
| 79,7 | 9,10 J | 1 | 79,7 | 49,4 J | 1 |
| 80,5 | 9,12 M | 1 | 80,7 | 48,7 M | 13 |
| 80,7 | 9,13 G | 9 | 80,1 | 49,3 G | 1 |
| 81,7 | 9,14 G | 9 | 81,7 | 48,7 G | 9 |
| 76,1 | $9^s,13$ | | 76,3 | 49",0 | |

## 6 μ Verseau.

Mouv. propre adopté. $\delta\mathcal{AR} = +0^s,002$, $\delta\mathcal{P} = +0'',01$.

| Ép. moy. annuelle. | $\mathcal{AR}$. | N. | Ép. moy. annuelle. | $\mathcal{P}$. | N. |
|---|---|---|---|---|---|
| | **I.** | | | | |
| | $20^h44^m$ | | | 99°33′ | |
| 37,7 | $17^s,38$ G | 5 | 37,9 | 39",3 F | 2 |
| 38,7 | 17,37 G | 5 | 38,7 | 38,5 F | 2 |
| 40,7 | 17,27 G | 2 | | | |
| 41,7 | 17,39 G | 1 | | | |
| 42,9 | 17,22 G | 2 | | | |
| 43,6 | 17,34 G | 2 | 43,6[1] | 40,1 F | 2 |
| 44,8 | 17,24 G | 2 | | | |
| 45,5 | 17,31 G | 1 | | | |
| 46,6 | 17,27 G | 4 | 46,5 | 38,8 G | 1 |
| | | | 46,6 | 40,7 F | 1 |
| 47,6 | 17,34 G | 3 | 47,6 | 39,0 G | 1 |
| 49,6 | 17,41 G | 4 | 49,7 | 39,0 G | 1 |
| 52,6 | 17,58 G | 1 | 52,6 | 39,2 G | 2 |
| | | | 52,6 | 39,0 F | 8 |
| | | | 53,7 | 39,8 F | 6 |
| 43,9 | $17^s,34$ | | 47,5 | 39",3 | |
| | **II.** | | | | |
| | $20^h45^m$ | | | 99°30′ | |
| 54,7 | $6^s,00$ G | 8 | 54,8 | 22",3 G | 1 |
| 55,6 | 5,92 G | 4 | 55,6 | 22,9 G | 4 |
| 56,7 | 5,99 G | 9 | 56,7 | 22,0 G | 3 |
| 57,7 | 5,98 G | 6 | 57,7 | 21,7 G | 4 |
| 58,7 | 5,98 G | 8 | 58,7 | 21,9 G | 6 |
| | | | 58,7 | 21,9 F | 3 |
| 59,8 | 5,90 G | 2 | 59,8 | 21,6 G | 3 |
| 60,7 | 6,05 G | 7 | 60,7 | 21,5 G | 6 |
| | | | 60,7 | 21,7 G | 1 |
| 61,7 | 6,01 G | 10 | 61,7 | 21,9 G | 7 |
| 62,6 | 5,98 G | 4 | 62,6 | 22,0 G | 2 |
| 63,6 | 5,97 M | 3 | 63,6 | 21,5 M | 3 |
| 64,6 | 5,98 M | 9 | 64,6 | 21,7 M | 9 |
| 65,7 | 5,99 M | 11 | 65,7 | 21,8 M | 10 |
| 66,7 | 5,97 M | 4 | 66,7 | 21,8 M | 4 |
| 66,8 | 5,96 G | 1 | 66,8 | 22,3 G | 1 |
| 67,7 | 5,98 M | 3 | 67,7 | 21,8 M | 3 |
| 61,1 | $5^s,98$ | | 61,6 | 21",9 | |
| | **III.** | | | | |
| | $20^h45^m$ | | | 99°27′ | |
| 68,7 | $54^s,60$ M | 6 | 68,6 | 3",3 M | 6 |
| 69,6 | 54,63 M | 8 | 69,6 | 3,6 M | 6 |
| 70,6 | 54,58 M | 1 | 70,6 | 3,0 M | 1 |
| 71,6 | 54,62 M | 9 | 71,6 | 3,0 M | 9 |
| 72,7 | 54,64 M | 3 | 72,7 | 2,9 M | 3 |
| 72,8 | 54,66 G | 1 | | | |
| 73,6 | 54,62 M | 8 | 73,6 | 3,0 M | 7 |
| 73,7 | 54,69 G | 1 | | | |
| 74,7 | 54,59 M | 5 | 74,7 | 3,5 M | 5 |

## 6 μ Verseau (suite).

III (suite).

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | $20^h 45^m$ | | | 99°27' | |
| 74,6 | 54s,60 G | 5 | 74,6 | 3",4 G | 4 |
| 75,8 | 54,59 M | 7 | 75,8 | 3,8 M | 7 |
| 75,6 | 54,55 G | 4 | 75,6 | 2,7 G | 4 |
| 76,7 | 54,62 M | 7 | 76,7 | 3,4 M | 8 |
| 76,7 | 54,65 G | 14 | 76,7 | 3,0 G | 12 |
| 77,7 | 54,63 M | 8 | 77,7 | 3,4 M | 9 |
| 78,6 | 54,59 M | 6 | 78,6 | 3,3 M | 7 |
| 78,7 | 54,51 G | 4 | 78,7 | 2,4 G | 3 |
| 78,7 | 54,62 J | 9 | 78,7 | 2,6 J | 8 |
| 79,7 | 54,59 M | 3 | 79,7 | 3,3 M | 3 |
| 79,7 | 54,59 G | 6 | 79,7 | 3,7 G | 7 |
| 79,7 | 54,55 J | 13 | 79,7 | 3,4 J | 13 |
| 80,7 | 54,59 M | 11 | 80,7 | 3,2 M | 10 |
| 80,5 | 54,55 G | 1 | 80,7 | 3,0 G | 1 |
| 80,7 | 54,64 J | 8 | 80,7 | 3,4 J | 7 |
| 81,6 | 54,65 M | 9 | 81,6 | 2,1 M | 8 |
| 81,7 | 54,58 G | 6 | 81,7 | 3,2 G | 4 |
| 81,7 | 54,65 J | 11 | 81,7 | 3,0 J | 11 |
| 76,3 | 54s,61 | | 76,3 | 3",2 | |

[1] Août 8, 𝒟 diminuée de 1' 10" : erreur de 10" dans la moyenne et de 1' dans la réduction.

## 32 Petit Renard.

Mouv. propre adopté. { δ𝒜 = 0s,000, δ𝒟 = + 0",04.

I.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | $20^h 47^m$ | | | 62°31' | |
| 37,9 | 57s,28 G | 1 | 37,9 | 45",3 F | 3 |
| 52,6 | 57,41 G | 1 | | | |
| 53,6 | 57,49 G | 1 | | | |
| 47,0 | 57s,39 | | 37,9 | 45",3 | |

II.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | $20^h 48^m$ | | | 62°28' | |
| 57,6 | 35s,58 G | 12 | 57,7 | 22",4 G | 2 |
| 58,7 | 35,60 G | 24 | 58,7 | 22,2 G | 23 |
| | | | 58,7 | 22,2 F | 1 |
| 59,7 | 35,53 G | 12 | 59,7 | 22,6 G | 9 |
| 60,8 | 35,67 G | 3 | 60,7 | 23,3 G | 1 |
| 61,7 | 35,56 G | 12 | 61,7 | 22,5 G | 8 |
| 62,7 | 35,61 G | 5 | 62,7 | 22,3 G | 5 |
| 63,6 | 35,57 M | 4 | 63,7 | 22,6 M | 5 |
| | | | 63,7 | 22,1 G | 1 |
| 64,6 | 35,60 M | 6 | 64,7 | 22,3 M | 5 |
| 64,6 | 35,60 G | 16 | | | |
| 65,7 | 35,58 M | 15 | 65,7 | 22,8 M | 16 |
| 65,7 | 35,57 G | 3 | 65,7 | 22,8 G | 8 |
| 66,5 | 35,57 M | 5 | 66,5 | 22,8 M | 4 |
| 66,7 | 35,58 G | 3 | 66,8 | 22,4 G | 1 |
| 67,7 | 35,65 M | 3 | 67,7 | 21,7 M | 3 |
| 67,7 | 35,64 G | 4 | 67,7 | 22,9 G | 4 |
| 62,5 | 35s,59 | | 62,8 | 22",5 | |

III.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | $20^h 49^m$ | | | 62°24' | |
| 68,7 | 13s,95 M | 2 | 68,7 | 60",7 M | 2 |
| 68,6 | 13,99 G | 1 | | | |
| 69,7 | 13,94 M | 4 | 69,7 | 60,2 M | 4 |
| | | | 69,6 | 59,3 G | 1 |
| 71,7 | 13,93 M | 6 | 71,7 | 60,6 M | 8 |
| 71,7 | 13,89 G | 16 | 71,7 | 59,9 G | 6 |
| 72,6 | 13,87 M | 1 | 72,6 | 60,1 M | 1 |
| 72,6 | 13,87 G | 5 | | | |
| | | | 73,8 | 59,9 M | 1 |
| 74,7 | 13,91 M | 4 | 74,7 | 60,0 M | 5 |
| | | | 74,7 | 59,6 G | 2 |
| 75,7 | 13,92 M | 7 | 75,7 | 60,1 M | 7 |

## 32 Petit Renard (suite).

III (suite).

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | $20^h 49^m$ | | | 62°24' | |
| 76,7 | 13s,90 M | 3 | 76,7 | 59",7 M | 3 |
| 76,6 | 13,93 G | 7 | 76,7 | 59,6 G | 7 |
| 77,7 | 13,92 M | 5 | 77,7 | 59,9 M | 8 |
| 78,7 | 13,94 M | 4 | 78,7 | 59,9 M | 4 |
| 78,7 | 13,85 J | 1 | | | |
| 79,7 | 13,90 G | 12 | 79,7 | 59,0 G | 10 |
| 79,7 | 13,88 J | 5 | 79,7 | 60,0 J | 5 |
| 80,6 | 13,97 M | 5 | 80,7 | 59,3 M | 4 |
| 80,7 | 13,86 G | 5 | 80,7 | 59,9 G | 7 |
| 80,7 | 13,89 J | 10 | 80,7 | 59,9 J | 10 |
| 81,6 | 13,88 M | 5 | 81,6 | 59,9 M | 5 |
| 81,7 | 13,92 G | 11 | 81,7 | 59,4 G | 9 |
| 81,7 | 13,92 J | 4 | 81,7 | 60,1 J | 4 |
| 76,4 | 13s,91 | | 76,6 | 59",9 | |

## 61¹ Cygne.

Mouv. propre adopté. { δ𝒜 = + 0s,342, δ𝒟 = − 3",30.

I.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | $20^h 59^m$ | | | 52°0' | |
| 37,7 | 57s,29 G | 8 | 37,7 | 35",1 F | 5 |
| 38,7 | 57,23 G | 17 | 38,7 | 35,4 F | 8 |
| 39,7 | 57,27 G | 3 | 39,7 | 33,1 F | 3 |
| 40,7 | 57,20 G | 17 | 40,7 | 34,5 F | 7 |
| 41,7 | 57,24 G | 11 | 41,6 | 34,3 F | 8 |
| 42,7 | 57,21 G | 7 | 42,7 | 35,3 F | 4 |
| 43,7 | 57,22 G | 17 | 43,7 | 34,7 G | 11 |
| | | | 43,7 | 35,2 F | 12 |
| 44,6 | 57,20 G | 18 | 44,6 | 34,8 G | 6 |
| | | | 44,7 | 33,6 F | 1 |
| 45,7 | 57,11 G | 17 | 45,6 | 33,9 F | 4 |
| 46,7 | 57,16 G | 36 | 46,8 | 34,8 G | 14 |
| | | | 46,7 | 35,5 F | 4 |
| 47,7 | 57,16 G | 7 | | | |
| | | | 47,6 | 34,6 F | 2 |
| 48,7 | 57,18 G | 17 | 48,7 | 34,4 G | 7 |
| 49,7 | 57,18 G | 13 | 49,7 | 33,6 G | 1 |
| 50,7 | 57,15 G | 8 | 50,6 | 34,5 G | 3 |
| | | | 50,7 | 35,2 F | 1 |
| 51,7 | 57,13 G | 5 | | | |
| 52,7 | 57,18 G | 9 | 52,7 | 34,3 G | 6 |
| | | | 52,6 | 34,3 F | 8 |
| 53,7 | 57,17 G | 8 | 53,7 | 34,1 G | 6 |
| | | | 53,7 | 35,2 F | 6 |
| 45,6 | 57s,19 | | 45,5 | 34",6 | |

II.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | $21^h 0^m$ | | | 51°56' | |
| 54,7 | 37s,40 G | 11 | 54,7 | 13",2 G | 10 |
| 55,7 | 37,35 G | 13 | 55,7 | 12,6 G | 15 |
| 56,7 | 37,33 G | 11 | 56,7 | 13,3 G | 9 |
| 57,7 | 37,35 G | 10 | 57,7 | 13,7 G | 13 |
| 58,7 | 37,38 G | 15 | 58,7 | 13,0 G | 17 |
| | | | 58,7 | 13,4 F | 1 |
| 59,7 | 37,42 G | 11 | 59,7 | 13,5 G | 5 |
| 60,8 | 37,49 G | 6 | 60,7 | 13,6 G | 5 |
| 61,7 | 37,43 G | 7 | 61,7 | 13,8 G | 3 |
| 62,7 | 37,41 G | 13 | 62,7 | 12,8 G | 9 |
| 63,6 | 37,33 M | 4 | 63,7 | 13,3 M | 3 |
| 63,6 | 37,47 G | 15 | 63,7 | 13,2 G | 5 |
| 64,7 | 37,39 M | 4 | 64,7 | 12,3 M | 3 |
| 64,7 | 37,42 G | 16 | | | |
| 65,7 | 37,42 M | 13 | 65,7 | 13,1 M | 15 |
| 65,7 | 37,42 G | 1 | 65,7 | 13,2 M | 4 |
| 66,7 | 37,44 M | 15 | 66,7 | 12,8 M | 9 |
| 66,7 | 37,45 G | 6 | 66,8 | 13,0 G | 1 |
| 67,7 | 37,48 M | 8 | 67,7 | 12,8 M | 7 |
| 67,7 | 37,47 G | 4 | 67,7 | 12,4 G | 2 |
| 61,5 | 37s,41 | | 60,9 | 13",1 | |

## 61¹ Cygne (suite).

III.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | $21^h 1^m$ | | | 51°51' | |
| 68,8 | 17s,61 M | 1 | 68,7 | 50",7 M | 2 |
| | | | 68,6 | 51,6 G | 1 |
| 69,8 | 17,59 M | 5 | 69,8 | 51,7 M | 4 |
| 71,7 | 17,60 G | 7 | | | |
| | | | 71,6 | 50,6 M | 1 |
| 72,6 | 17,62 G | 5 | | | |
| | | | 75,7 | 50,6 M | 2 |
| 76,7 | 17,60 M | 2 | 76,7 | 50,6 M | 2 |
| 79,8 | 17,64 G | 3 | 79,7 | 51,7 G | 2 |
| 79,7 | 17,60 J | 1 | 79,7 | 50,7 J | 1 |
| 80,5 | 17,66 M | 1 | 80,7 | 49,6 M | 1 |
| 80,7 | 17,63 G | 1 | 80,7 | 51,4 G | 1 |
| 80,8 | 17,61 J | 1 | 80,8 | 50,0 J | 1 |
| 81,6 | 17,81 M | 2 | 81,6 | 50,4 M | 2 |
| 81,8 | 17,57 G | 1 | 81,8 | 50,7 G | 1 |
| 75,1 | 17s,63 | | 75,7 | 50",9 | |

## 61² Cygne.

Mouv. propre adopté. { δ𝒜 = + 0s,347, δ𝒟 = − 3",03.

I.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | $20^h 59^m$ | | | 52°0' | |
| 37,6 | 58s,26 G | 1 | | | |
| | | | 40,8 | 37",0 F | 1 |
| | | | 43,6 | 37,2 G | 1 |
| | | | 43,6 | 38,3 F | 2 |
| 37,6 | 58s,26 | | 42,6 | 37",6 | |

II.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | $21^h 0^m$ | | | 51°56' | |
| 56,7 | 38s,90 G | 4 | | | |
| | | | 57,7 | 18",6 G | 1 |
| 58,6 | 38,83 G | 4 | | | |
| 59,6 | 38,83 G | 3 | | | |
| 60,8 | 38,76 G | 2 | 60,8 | 18,5 G | 4 |
| 61,9 | 38,80 G | 2 | 61,7 | 19,9 G | 1 |
| | | | 62,7 | 18,5 G | 7 |
| | | | 63,6 | 19,0 G | 1 |
| | | | 67,6 | 18,7 G | 2 |
| 59,3 | 38s,85 | | 62,5 | 18",8 | |

III.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | $21^h 1^m$ | | | 51°52' | |
| | | | 68,6 | 1",0 G | 1 |
| | | | 68,6 | 1",0 | |

## 64 ζ Cygne.

Mouv. propre adopté. { δ𝒜 = − 0s,001, δ𝒟 = + 0",06.

I.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | $21^h 6^m$ | | | 60°24' | |
| 37,6 | 20s,48 G | 17 | 37,7 | 21",9 F | 9 |
| 38,6 | 20,48 G | 22 | 38,7 | 21,3 F | 10 |
| 39,7 | 20,45 G | 4 | 39,7 | 21,3 F | 1 |
| 40,7 | 20,48 G | 19 | 40,7 | 22,1 F | 8 |
| 41,6 | 20,48 G | 20 | 41,6 | 21,8 F | 10 |
| 42,7 | 20,51 G | 6 | 42,7 | 20,9 F | 4 |
| 43,6 | 20,50 G | 35 | 43,7 | 22,1 G | 21 |
| | | | 43,7 | 21,9 F | 15 |
| 44,6 | 20,48 G | 20 | 44,6 | 21,7 G | 6 |
| | | | 44,4 | 21,1 F | 1 |
| 45,6 | 20,46 G | 16 | 45,5 | 21,8 G | 2 |

## 64 ζ Cygne (suite).

I (suite).

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | 21h 6m | | | 60° 24' | |
| | | | 45,6 | 22",3 F | 4 |
| 46,7 | 20s,48 G | 39 | 46,8 | 21,6 G | 13 |
| | | | 46,8 | 21,6 F | 3 |
| 47,6 | 20,50 G | 12 | 47,6 | 22,1 G | 3 |
| | | | 47,6 | 21,9 F | 4 |
| 48,7 | 20,48 G | 19 | 48,7 | 21,7 G | 10 |
| 49,7 | 20,45 G | 16 | 49,6 | 21,9 G | 5 |
| 50,7 | 20,54 G | 11 | 50,7 | 21,3 G | 3 |
| | | | 50,7 | 21,5 F | 2 |
| 51,7 | 20,54 G | 6 | | | |
| 52,7 | 20,48 G | 10 | 52,7 | 22,0 G | 6 |
| | | | 52,6 | 21,8 F | 8 |
| 53,7 | 20,55 G | 7 | 53,7 | 22,3 G | 5 |
| | | | 53,7 | 23,0 F | 6 |
| 45,3 | 20s,49 | | 45,5 | 21",8 | |

II.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | 21h 6m | | | 60° 20' | |
| 54,7 | 58s,70 G | 8 | 54,7 | 43",5 G | 6 |
| 55,7 | 58,71 G | 21 | 55,7 | 44,0 G | 17 |
| 56,5 | 58,68 G | 15 | 56,7 | 44,2 G | 8 |
| 57,6 | 58,73 G | 20 | 57,7 | 43,9 G | 5 |
| 58,6 | 58,69 G | 17 | 58,8 | 43,9 G | 15 |
| | | | 58,7 | 44,9 F | 2 |
| 59,5 | 58,64 G | 16 | 59,7 | 43,8 G | 6 |
| 60,7 | 58,73 G | 6 | 60,7 | 43,8 G | 3 |
| 61,6 | 58,72 G | 25 | 61,8 | 43,7 G | 13 |
| 62,6 | 58,67 G | 10 | 62,7 | 43,1 G | 5 |
| 63,6 | 58,72 M | 6 | 63,7 | 43,8 M | 7 |
| 63,6 | 58,72 G | 14 | 63,4 | 44,1 G | 8 |
| 64,6 | 58,66 M | 4 | 64,5 | 43,8 M | 5 |
| 64,7 | 58,71 G | 18 | | | |
| 65,6 | 58,71 M | 24 | 65,5 | 44,1 M | 23 |
| 65,7 | 58,73 G | 2 | 65,7 | 43,6 G | 8 |
| 66,6 | 58,68 M | 19 | 66,6 | 44,0 M | 16 |
| 66,7 | 58,65 G | 2 | 66,7 | 43,9 G | 1 |
| 67,7 | 58,63 M | 5 | 67,6 | 44,5 M | 5 |
| 67,6 | 58,74 G | 4 | 67,6 | 43,0 G | 3 |
| 60,4 | 58s,70 | | 61,4 | 43",9 | |

III.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | 21h 7m | | | 60° 17' | |
| 68,8 | 36s,96 M | 3 | 68,6 | 5",5 M | 3 |
| | | | 68,6 | 4,6 G | 1 |
| 69,6 | 36,95 M | 5 | 69,6 | 5,8 M | 5 |
| | | | 69,8 | 4,7 G | 1 |
| | | | 70,2 | 6,4 M | 1 |
| 71,7 | 36,96 M | 5 | 71,8 | 5,5 M | 5 |
| 71,7 | 36,96 G | 12 | 71,7 | 4,6 G | 4 |
| 72,4 | 36,94 M | 5 | 72,5 | 5,5 M | 6 |
| 72,6 | 36,95 G | 7 | | | |
| 73,7 | 36,94 M | 2 | 73,7 | 5,2 M | 2 |
| 73,8 | 36,91 G | 1 | | | |
| 74,6 | 36,98 M | 6 | 74,6 | 5,2 M | 6 |
| 74,6 | 36,86 G | 1 | 74,7 | 5,2 G | 2 |
| 75,4 | 36,91 M | 5 | 75,4 | 5,4 M | 7 |
| 76,4 | 36,87 M | 2 | 76,4 | 5,5 M | 2 |
| | | | 77,7 | 6,0 M | 1 |
| 78,7 | 37,04 M | 2 | 78,7 | 5,7 M | 3 |
| 78,6 | 36,87 J | 2 | 78,6 | 4,3 J | 1 |
| 79,8 | 36,91 G | 10 | 79,9 | 5,0 G | 7 |
| 79,7 | 36,97 J | 2 | 79,7 | 5,7 J | 4 |
| 80,7 | 36,92 M | 6 | 80,7 | 4,5 M | 6 |
| 80,7 | 36,94 G | 17 | 80,7 | 5,4 G | 18 |
| 80,7 | 36,93 J | 3 | 80,8 | 4,4 J | 3 |
| 81,7 | 36,98 M | 4 | 81,7 | 5,0 M | 3 |
| 81,7 | 36,97 G | 9 | 81,7 | 5,3 G | 10 |
| 81,6 | 36,91 J | 5 | 81,6 | 4,5 J | 5 |
| 76,0 | 36s,94 | | 76,0 | 5",3 | |

## 65 τ Cygne.

Mouv. propre adopté. $\delta\mathcal{A} = +0^s,015$, $\delta\mathcal{D} = -0'',51$.

I.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | 21h 8m | | | 52° 36' | |
| 39,7 | 36s,35 G | 1 | 39,7 | 48",9 F | 2 |
| 40,7 | 36,33 G | 1 | | | |
| 40,2 | 36s,34 | | 39,7 | 48",9 | |

II.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | 21h 9m | | | 52° 33' | |
| 54,8 | 12s,31 G | 3 | 54,7 | 2",3 G | 2 |
| | | | 55,6 | 1,5 G | 1 |
| 56,7 | 12,15 G | 2 | 56,7 | 2,2 G | 1 |
| 60,6 | 11,98 G | 1 | | | |
| 61,8 | 12,29 G | 2 | | | |
| | | | 62,6 | 3,3 G | 1 |
| 66,7 | 12,12 G | 2 | 66,7 | 3,0 G | 2 |
| 59,9 | 12s,19 | | 59,5 | 2",5 | |

III.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | 21h 9m | | | 52° 29' | |
| | | | 68,6 | 13",6 M | 1 |
| | | | 68,6 | 12,8 G | 1 |
| 72,7 | 48s,10 M | 1 | 72,7 | 13,5 M | 2 |
| 75,7 | 48,05 M | 4 | 75,7 | 14,4 M | 4 |
| 78,8 | 48,05 J | 1 | | | |
| 79,6 | 47,96 G | 1 | 79,7 | 13,5 G | 1 |
| 80,5 | 47,83 G | 1 | | | |
| 80,7 | 47,96 J | 5 | 80,7 | 14,0 J | 5 |
| | | | 81,7 | 14,3 M | 3 |
| 81,7 | 48,04 G | 6 | 81,7 | 15,2 G | 6 |
| 81,8 | 47,95 J | 1 | 81,8 | 14,2 J | 1 |
| 78,9 | 48s,01 | | 77,4 | 14",1 | |

## 67 σ Cygne.

Mouv. propre adopté. $\delta\mathcal{A} = +0^s,001$, $\delta\mathcal{D} = +0'',02$.

I.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | 21h 11m | | | 51° 15' | |
| 37,7 | 19s,90 G | 2 | 37,6 | 10",5 F | 1 |
| 38,7 | 19,85 G | 3 | 38,6 | 10,5 F | 2 |
| | | | 40,7 | 9,6 F | 1 |
| 41,7 | 19,83 G | 1 | | | |
| 42,8 | 19,90 G | 3 | 42,8 | 10,2 F | 1 |
| 46,7 | 19,97 G | 1 | 46,8 | 9,2 G | 2 |
| | | | 48,9 | 9,3 G | 1 |
| | | | 50,7 | 9,7 G | 1 |
| 52,9 | 19,90 G | 1 | | | |
| 42,6 | 19s,89 | | 43,6 | 9",9 | |

II.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | 21h 11m | | | 51° 11' | |
| 54,8 | 55s,18 G | 2 | | | |
| 55,8 | 55,09 G | 3 | 55,7 | 25",9 G | 5 |
| 56,6 | 55,14 G | 5 | 56,8 | 26,8 G | 4 |
| 57,7 | 55,00 G | 5 | 57,9 | 25,5 G | 3 |
| 58,6 | 55,08 G | 3 | | | |
| 59,7 | 55,02 G | 3 | 59,9 | 26,4 G | 2 |
| 60,8 | 55,09 G | 1 | 60,8 | 26,1 G | 1 |
| 61,8 | 54,86 G | 3 | 61,8 | 25,7 G | 1 |
| 62,6 | 55,09 G | 4 | 62,7 | 25,4 G | 1 |
| 63,6 | 55,06 M | 13 | 63,6[1] | 25,8 M | 4 |
| 63,6 | 55,02 G | 3 | 63,7 | 26,5 G | 3 |
| 64,6 | 55,01 M | 4 | 64,6 | 25,1 M | 4 |
| 64,6 | 55,05 G | 18 | | | |
| 65,6 | 54,99 M | 17 | 65,7 | 25,9 M | 16 |
| 65,6 | 54,99 G | 2 | 65,7 | 26,0 G | 7 |

## 67 σ Cygne (suite).

II (suite).

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | 21h 11m | | | 51° 11' | |
| 66,6 | 55s,02 M | 6 | 66,7 | 25",5 M | 4 |
| 66,6 | 55,12 G | 4 | 66,7 | 25,9 G | 1 |
| 67,6 | 55,14 G | 2 | 67,6 | 26,3 G | 2 |
| 62,1 | 55s,05 | | 62,4 | 25",9 | |

III.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | 21h 12m | | | 51° 7' | |
| 68,7 | 30s,32 M | 2 | 68,7 | 42",0 M | 2 |
| 68,6 | 30,34 G | 1 | 68,6 | 41,3 G | 1 |
| 69,7 | 30,30 M | 2 | 69,7 | 42,0 M | 2 |
| | | | 69,8 | 43,0 G | 1 |
| 71,8 | 30,27 G | 4 | | | |
| 72,7 | 30,28 M | 2 | 72,7 | 41,9 M | 4 |
| 72,6 | 30,31 G | 6 | | | |
| 73,8 | 30,32 G | 1 | | | |
| 75,7 | 30,30 M | 4 | 75,7 | 42,0 M | 4 |
| 76,7 | 30,38 M | 1 | 76,7 | 42,3 M | 1 |
| | | | 77,7 | 42,3 M | 1 |
| 78,7 | 30,25 J | 3 | 78,7 | 42,3 M | 1 |
| | | | 78,7 | 41,6 J | 2 |
| 79,7 | 30,33 G | 3 | 79,7 | 42,1 G | 2 |
| 79,7 | 30,34 J | 2 | 79,7 | 42,3 J | 1 |
| 80,7 | 30,33 M | 3 | 80,7 | 41,5 M | 3 |
| 80,7 | 30,35 G | 18 | 80,7 | 42,3 G | 13 |
| 80,8 | 30,38 J | 1 | 80,7 | 41,3 J | 3 |
| 81,7 | 30,33 M | 1 | 81,7 | 41,3 M | 4 |
| 81,7 | 30,29 G | 8 | 81,7 | 42,1 G | 9 |
| 81,7 | 30,27 J | 5 | 81,7 | 41,5 J | 4 |
| 76,6 | 30s,31 | | 77,2 | 42",0 | |

[1] Août 31, 𝒟 diminuée de 10" : erreur de moyenne.

## 5 α Céphée.

Mouv. propre adopté. $\delta\mathcal{A} = +0^s,023$, $\delta\mathcal{D} = -0'',01$.

I.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | 21h 14m | | | 28° 4' | |
| 37,6 | 52s,51 G | 28 | 37,7 | 11",7 F | 10 |
| 37,4 I | 52,50 G | 26 | | | |
| 38,7[1] | 52,54 G | 40 | 38,7 | 10,7 F | 11 |
| 38,6 I | 52,56 G | 18 | | | |
| 39,6 | 52,44 G | 20 | 39,6 | 11,2 F | 12 |
| 39,2 I | 52,49 G | 9 | 39,6 I | 11,0 F | 1 |
| 40,7 | 52,52 G | 31 | 40,7 | 11,1 F | 12 |
| 40,3 I | 52,41 G | 8 | 40,2 I | 11,0 F | 1 |
| 41,6 | 52,59 G | 23 | 41,4 | 10,7 F | 12 |
| 41,2 I | 52,50 G | 13 | 41,2 I | 9,2 F | 3 |
| 42,6 | 52,49 G | 23 | 42,7 | 10,8 F | 15 |
| 42,2 I | 52,39 G | 8 | 42,2 I | 10,6 F | 3 |
| 43,5 | 52,53 G | 25 | 43,7 | 10,9 G | 10 |
| | | | 43,7 | 11,3 F | 10 |
| 43,2 I | 52,79 G | 4 | | | |
| 44,4 | 52,38 G | 10 | 44,6 | 11,0 G | 4 |
| | | | 44,2 | 11,6 F | 2 |
| 44,2 I | 52,53 G | 7 | | | |
| 45,5[2] | 52,49 G | 18 | 45,5 | 11,8 G | 1 |
| | | | 45,5 | 11,0 F | 2 |
| 45,2 I | 52,47 G | 8 | 45,2 I | 10,7 G | 2 |
| 46,7 | 52,47 G | 18 | 46,8 | 10,6 G | 7 |
| | | | 46,9 | 11,8 F | 2 |
| 46,3 I | 52,45 G | 10 | 46,2 I | 9,8 G | 2 |
| 47,5 | 52,47 G | 35 | 47,4 | 10,6 G | 6 |
| | | | 47,5 | 10,4 F | 5 |
| 47,2 I | 52,46 G | 16 | | | |
| 48,7 | 52,52 G | 21 | 48,7 | 11,2 G | 10 |

## 5 α Céphée (suite).

I (suite).

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | 21$^h$14$^m$ | | | 28°4′ | |
| 48,4I | 52$^s$,40 G | 6 | | | |
| 49,6 | 52,55 G | 16 | 49,4 | 10″,7 G | 5 |
| 49,3I | 52,55 G | 14 | 49,2I | 10,2 G | 3 |
| 50,6 | 52,49 G | 10 | 50,7 | 11,4 G | 4 |
| | | | 50,7 | 11,5 F | 1 |
| 50,2I | 52,50 F | 4 | 50,2I | 10,8 G | 2 |
| 51,6 | 52,45 G | 3 | 51,6 | 11,0 G | 1 |
| 51,1I | 52,51 G | 5 | 51,2I | 9,5 G | 1 |
| 52,7 | 52,48 G | 13 | 52,6 | 10,5 G | 6 |
| | | | 52,7 | 10,9 F | 8 |
| 52,2I | 52,35 G | 6 | 52,2I | 11,0 G | 7 |
| | | | 52,3I | 9,5 F | 8 |
| 53,8 | 52,56 G | 2 | 53,7 | 12,1 G | 6 |
| 53,3I | 52,40 G | 1 | | | |
| 44,9 | 52$^s$,50 | | 45,2 | 11″,0 | |

II.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | 21$^h$15$^m$ | | | 28°0′ | |
| 54,6 | 14$^s$,05 G | 6 | 54,5 | 24″,5 G | 22 |
| | | | 54,2 | 24,4 F | 5 |
| | | | 54,2I | 21,2 G | 2 |
| 55,7 | 13,96 G | 5 | 55,5 | 24,4 G | 20 |
| | | | 55,2I | 23,5 G | 9 |
| 56,7 | 13,95 G | 13 | 56,5 | 24,3 G | 28 |
| 56,3I | 14,07 G | 8 | 56,2I | 24,1 G | 8 |
| 57,5 | 14,03 G | 11 | 57,5 | 24,5 G | 15 |
| | | | 57,2I | 24,4 G | 9 |
| 58,3 | 14,09 G | 4 | 58,4 | 24,2 G | 15 |
| | | | 58,2I | 25,0 G | 10 |
| 59,3 | 14,20 G | 11 | 59,4 | 24,2 G | 14 |
| | | | 59,2I | 24,9 G | 14 |
| 60,3 | 14,08 G | 7 | 60,7 | 23,9 G | 5 |
| | | | 61,7 | 23,3 G | 1 |
| 61,4 | 14,20 G | 4 | 61,2 | 24,0 G | 1 |
| | | | 62,3 | 24,5 G | 3 |
| | | | 62,3I | 22,9 G | 3 |
| | | | 63,3 | 24,0 G | 11 |
| 64,2 | 14,09 M | 2 | 64,2 | 23,3 M | 4 |
| | | | 64,7 | 23,3 G | 1 |
| | | | 65,2 | 23,7 M | 9 |
| | | | 65,7 | 23,9 G | 4 |
| 58,2 | 14$^s$,07 | | 59,0 | 24″,2 | |

III.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | 21$^h$15$^m$ | | | 27°56′ | |
| | | | 68,2 | 37″,3 M | 1 |
| | | | 68,7 | 37,2 G | 2 |
| 80,0 | 35$^s$,56 J | 1 | 80,0 | 35,5 J | 3 |
| 80,5 | 35,72 M | 1 | | | |
| 80,5 | 35,78 G | 1 | | | |
| 80,3 | 35$^s$,67 | | 74,3 | 36″,4 | |

[1] Avril 10, 𝒜 diminuée de 0$^s$,79 : erreur de réduct.
[2] Août 16, 𝒜 augmentée de 1$^s$ : erreur de transcript.

## 34 ζ Capricorne.

Mouv. propre adopté. { $\delta𝒜 = 0^s,000$, $\delta𝒟 = -0'',04$.

I.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | 21$^h$17$^m$ | | | 113°4′ | |
| 37,7 | 48$^s$,51 G | 6 | 37,7 | 43″,5 F | 2 |
| 38,7 | 48,47 G | 8 | 38,6 | 45,0 F | 3 |
| 39,6 | 48,51 G | 1 | 39,6 | 44,2 F | 1 |

## 34 ζ Capricorne (suite).

I (suite).

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | 21$^h$17$^m$ | | | 113°4′ | |
| 40,9 | 48$^s$,86 G | 1 | | | |
| 41,7 | 48,74 G | 3 | 41,6 | 44″,5 F | 1 |
| 53,6 | 48,36 G | 1 | 53,6 | 44,4 F | 1 |
| 40,8 | 48$^s$,55 | | 41,4 | 44″,3 | |

II.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | 21$^h$18$^m$ | | | 113°0′ | |
| 54,8 | 40$^s$,09 G | 6 | 54,6 | 54″,0 G | 2 |
| 55,7 | 40,05 G | 7 | 55,6 | 55,4 G | 5 |
| 56,7 | 40,11 G | 9 | 56,7 | 56,3 G | 5 |
| 57,7 | 40,01 G | 2 | | | |
| | | | 58,7 | 56,2 G | 5 |
| | | | 58,7 | 54,4 F | 1 |
| | | | 59,9 | 55,0 G | 2 |
| 60,8 | 39,99 G | 2 | 60,8 | 55,9 G | 2 |
| 61,8 | 40,06 G | 2 | 61,8 | 55,8 G | 4 |
| 62,7 | 40,05 G | 2 | | | |
| 63,7 | 40,10 M | 4 | 63,6 | 55,8 M | 4 |
| 64,6 | 40,07 M | 5 | 64,6 | 55,3 M | 6 |
| 65,7 | 40,09 M | 13 | 65,7 | 55,7 M | 11 |
| 66,7 | 40,09 M | 15 | 66,7 | 55,6 M | 13 |
| 66,7 | 39,98 M | 2 | 66,7 | 54,4 G | 1 |
| | | | 67,7 | 56,3 M | 2 |
| 61,7 | 40$^s$,07 | | 62,8 | 55″,6 | |

III.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | 21$^h$19$^m$ | | | 112°57′ | |
| 68,7 | 31$^s$,65 M | 5 | 68,7 | 4″,8 M | 6 |
| 69,6 | 31,59 M | 5 | 69,6 | 5,1 M | 6 |
| 70,6 | 31,56 M | 3 | 70,6 | 5,8 M | 3 |
| 71,7 | 31,66 M | 3 | 71,7 | 5,6 M | 3 |
| 72,7 | 31,63 M | 2 | 72,8 | 5,2 M | 3 |
| 73,7 | 31,68 M | 5 | 73,7 | 5,9 M | 4 |
| 74,6 | 31,62 M | 2 | 74,6 | 5,0 M | 1 |
| 75,8 | 31,61 M | 1 | 75,8 | 6,1 M | 2 |
| 76,7 | 31,59 M | 2 | 76,7 | 6,6 M | 2 |
| 76,7 | 31,59 G | 2 | 76,7 | 4,7 G | 2 |
| 77,6 | 31,63 M | 2 | 77,6 | 5,2 M | 2 |
| 78,5 | 31,57 M | 1 | 78,5 | 6,6 M | 1 |
| 78,6 | 31,68 G | 5 | 78,7 | 4,9 G | 2 |
| 79,7 | 31,58 G | 1 | 79,7 | 6,1 G | 1 |
| 79,7 | 31,60 J | 4 | 79,6 | 5,5 J | 5 |
| 80,7 | 31,61 M | 2 | 80,7 | 6,3 M | 2 |
| 80,6 | 31,62 G | 3 | 80,6 | 5,1 G | 1 |
| 80,7 | 31,52 J | 1 | 80,7 | 5,3 J | 1 |
| 81,7 | 31,65 M | 2 | 81,7 | 5,2 M | 2 |
| 81,6 | 31,72 J | 1 | 81,6 | 5,8 J | 1 |
| 75,3 | 31$^s$,62 | | 75,0 | 5″,5 | |

## 22 β Verseau.

Mouv. propre adopté. { $\delta𝒜 = -0^s,002$, $\delta𝒟 = -0'',01$.

I.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | 21$^h$23$^m$ | | | 96°14′ | |
| 37,7 | 23$^s$,74 G | 23 | 37,7 | 59″,7 F | 8 |
| 38,7 | 23,70 G | 26 | 38,7 | 59,5 F | 8 |
| 39,5 | 23,78 G | 10 | 39,6 | 59,2 F | 5 |
| 40,7 | 23,72 G | 24 | 40,7 | 60,3 F | 4 |
| 41,6 | 23,71 G | 14 | 41,4 | 59,9 F | 3 |
| 42,7 | 23,74 G | 10 | 42,8 | 61,8 F | 8 |
| 43,7 | 23,73 G | 38 | 43,8 | 59,7 G | 20 |
| | | | 43,7 | 59,2 F | 16 |
| 44,6 | 23,72 G | 15 | 44,7 | 59,1 G | 7 |
| | | | 44,6 | 60,1 F | 2 |
| 45,7 | 23,73 G | 29 | 45,6 | 59,2 G | 4 |
| | | | 45,6 | 59,3 F | 5 |
| 46,7 | 23,71 G | 40 | 46,7 | 59,6 G | 21 |

## 22 β Verseau (suite).

I (suite).

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | 21$^h$23$^m$ | | | 96°14′ | |
| | | | 46,7 | 60″,0 F | 6 |
| 47,7 | 23$^s$,70 G | 26 | 47,7 | 59,7 G | 11 |
| | | | 47,7 | 59,7 F | 7 |
| 48,7 | 23,70 G | 26 | 48,7 | 59,6 G | 14 |
| 49,7 | 23,66 G | 20 | 49,7 | 59,0 G | 3 |
| 50,7 | 23,73 G | 16 | 50,7 | 59,1 G | 7 |
| | | | 50,7 | 58,7 F | 4 |
| 51,7 | 23,75 G | 6 | 51,7 | 60,0 G | 2 |
| 52,7 | 23,74 G | 11 | 52,6 | 59,0 G | 5 |
| | | | 52,6 | 57,6 F | 8 |
| 53,7 | 23,68 G | 5 | 53,6 | 58,6 G | 5 |
| | | | 53,7 | 59,1 F | 6 |
| 45,2 | 23$^s$,72 | | 46,0 | 59″,5 | |

II.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | 21$^h$24$^m$ | | | 96°11′ | |
| 54,7[1] | 11$^s$,16 G | 20 | 54,7 | 5″,3 G | 9 |
| 55,7 | 11,17 G | 32 | 55,7 | 5,7 G | 20 |
| 56,6 | 11,17 G | 26 | 56,7 | 5,9 G | 19 |
| 57,7 | 11,17 G | 36 | 57,7 | 6,0 G | 31 |
| 58,7 | 11,18 G | 35 | 58,7 | 5,9 G | 35 |
| | | | 58,7 | 5,7 F | 5 |
| 59,6 | 11,16 G | 16 | 59,7 | 6,0 G | 8 |
| 60,7 | 11,22 G | 18 | 60,7 | 5,8 G | 14 |
| | | | 60,6 | 6,4 F | 2 |
| 61,7 | 11,16 G | 27 | 61,7 | 6,0 G | 20 |
| 62,7 | 11,16 G | 18 | 62,7 | 5,8 G | 11 |
| 63,7 | 11,18 M | 5 | 63,6 | 5,0 M | 4 |
| 63,7 | 11,18 G | 11 | | | |
| 64,8 | 11,16 M | 4 | 64,7 | 5,9 M | 4 |
| 64,7 | 11,05 G | 5 | | | |
| 65,6 | 11,19 M | 18 | 65,5 | 5,8 M | 17 |
| 65,7 | 11,15 G | 6 | | | |
| 66,7 | 11,19 M | 10 | 66,7 | 5,7 M | 10 |
| | | | 66,7 | 6,5 G | 1 |
| 67,7 | 11,19 M | 7 | 67,7 | 5,9 M | 7 |
| 67,7 | 11,09 G | 1 | | | |
| 61,5 | 11$^s$,17 | | 60,6 | 5″,8 | |

III.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | 21$^h$24$^m$ | | | 96°7′ | |
| 68,7 | 58$^s$,58 M | 16 | 68,7 | 11″,3 M | 15 |
| 69,6 | 58,58 M | 8 | 69,6 | 11,3 M | 8 |
| | | | 69,8 | 11,9 G | 1 |
| 70,6 | 58,54 M | 3 | 70,6 | 10,9 M | 3 |
| 71,7 | 58,64 M | 8 | 71,7 | 11,2 M | 8 |
| 72,8 | 58,46 M | 4 | 72,8 | 11,3 M | 4 |
| 72,6 | 58,57 G | 5 | | | |
| 73,6 | 58,66 M | 8 | 73,6 | 11,4 M | 7 |
| 73,8 | 58,66 G | 1 | 73,8 | 11,9 G | 1 |
| 74,7 | 58,60 M | 8 | 74,7 | 11,2 M | 8 |
| 74,7 | 58,62 G | 9 | 74,7 | 11,6 G | 11 |
| 75,8 | 58,60 M | 16 | 75,8 | 11,5 M | 17 |
| 75,7 | 58,58 G | 2 | 75,6 | 10,5 G | 2 |
| 76,6 | 58,61 M | 9 | 76,6 | 11,7 M | 9 |
| 76,7 | 58,59 G | 5 | 76,7 | 11,8 G | 5 |
| 77,7 | 58,61 M | 5 | 77,7 | 11,6 M | 6 |
| 77,7 | 58,57 G | 2 | 77,7 | 12,0 G | 1 |
| 78,7 | 58,52 M | 6 | 78,7 | 10,8 M | 4 |
| 78,7 | 58,64 G | 5 | 78,7 | 12,2 G | 4 |
| 78,7 | 58,55 J | 2 | 78,7 | 11,3 J | 2 |
| 79,7 | 58,60 M | 7 | 79,7 | 10,9 M | 7 |
| 79,7 | 58,61 G | 5 | 79,7 | 12,5 G | 5 |
| 79,7 | 58,59 J | 13 | 79,7 | 11,5 J | 14 |
| 80,7 | 58,62 M | 13 | 80,7 | 11,5 M | 13 |
| 80,7 | 58,60 G | 4 | 80,7 | 11,8 G | 4 |
| 80,7 | 58,63 J | 3 | 80,7 | 11,0 J | 6 |
| 81,7 | 58,59 M | 2 | 81,7 | 11,9 M | 3 |
| 81,7 | 58,54 G | 8 | 81,7 | 11,4 G | 7 |
| 81,7 | 58,54 J | 4 | 81,7 | 11,6 J | 5 |
| 75,7 | 58$^s$,59 | | 75,8 | 11″,4 | |

[1] Décembre 1, 𝒜 diminuée de 1$^s$ : erreur de réduct.

## 8 β Céphée.

Mouv. propre adopté. { δ𝒜 = + 0s,002, δ𝒟 = + 0″,04.

**I.**

| Ép. moy. annuelle. | 𝒜. 21h26m | N. | Ép. moy. annuelle. | 𝒟. 20°7′ | N. |
|---|---|---|---|---|---|
| 37,7 | 38s,27 G | 32 | 37,7 | 8″,2 F | 12 |
| 37,7I | 38,25 G | 34 | | | |
| 38,7[1] | 38,27 G | 40 | 38,8 | 8,4 F | 8 |
| 38,6I | 38,38 G | 18 | | | |
| 39,6 | 38,24 G | 21 | 39,6 | 8,9 F | 13 |
| 39,2I | 38,20 G | 11 | 39,2I | 7,7 F | 1 |
| 40,7 | 38,24 G | 31 | 40,7 | 7,9 F | 10 |
| 40,5I | 38,12 G | 15 | 40,2I | 7,7 F | 2 |
| 41,7 | 38,29 G | 22 | 41,6 | 8,2 F | 10 |
| 41,2I | 38,07 G | 11 | 41,2I | 7,9 F | 3 |
| 42,6 | 38,18 G | 17 | 42,6 | 7,5 F | 12 |
| 42,2I | 38,19 G | 8 | 42,2I | 6,7 F | 3 |
| 43,7 | 38,38 G | 17 | 43,6 | 8,0 G | 5 |
| | | | 43,6 | 8,8 F | 6 |
| 43,2I | 38,31 G | 10 | | | |
| 44,7 | 38,20 G | 12 | | | |
| 44,2I | 38,19 G | 9 | 44,2I | 6,8 G | 1 |
| | | | 44,2I | 5,2 F | 2 |
| 45,7 | 38,23 G | 18 | 45,6 | 8,4 G | 2 |
| 45,3I | 38,03 G | 9 | | | |
| 46,7 | 38,15 G | 15 | 46,7 | 8,1 G | 11 |
| | | | 46,9 | 8,4 F | 2 |
| 46,2I | 38,22 G | 14 | 46,2I | 6,3 G | 2 |
| 47,6 | 38,30 G | 27 | 47,5 | 8,1 F | 9 |
| | | | 47,6 | 8,3 G | 4 |
| 47,2I | 38,15 G | 14 | | | |
| 48,7 | 38,20 G | 21 | 48,8 | 7,8 G | 11 |
| 48,4I | 38,19 G | 6 | | | |
| 49,6 | 38,32 G | 15 | 49,4 | 8,6 G | 2 |
| 49,3I | 38,25 G | 11 | 49,2I | 8,2 G | 1 |
| 50,7 | 38,08 G | 10 | 50,6 | 8,7 G | 4 |
| 50,1I | 38,19 G | 1 | 50,2I | 6,9 G | 1 |
| | | | 50,2I | 6,9 F | 2 |
| 51,7 | 38,22 G | 2 | 51,6 | 8,0 G | 1 |
| 51,1I | 38,35 G | 4 | | | |
| 52,7[2] | 38,27 G | 11 | 52,6 | 7,8 G | 7 |
| | | | 52,6 | 9,1 F | 8 |
| 52,4I | 38,26 G | 7 | 52,2I | 8,1 G | 6 |
| | | | 52,3I | 7,1 F | 8 |
| 53,6 | 38,49 G | 2 | 53,7 | 7,9 F | 6 |
| 53,2I | 38,25 G | 2 | 53,2I | 7,2 G | 1 |
| 44,8 | 38s,25 | | 45,7 | 8″,1 | |

**II.**

| Ép. moy. annuelle. | 𝒜. 21h26m | N. | Ép. moy. annuelle. | 𝒟. 20°3′ | N. |
|---|---|---|---|---|---|
| 54,5 | 50s,05 G | 3 | 54,7 | 12″,8 G | 12 |
| | | | 54,2 | 12,4 F | 4 |
| | | | 54,2I | 9,4 G | 2 |
| 55,6 | 49,89 G | 2 | 55,7 | 13,1 G | 22 |
| | | | 55,2I | 11,3 G | 9 |
| 56,4 | 50,19 G | 9 | 56,5 | 12,5 G | 19 |
| 56,3I | 50,44 G | 6 | 56,2I | 12,0 G | 10 |
| 57,7 | 50,25 G | 7 | 57,5 | 12,4 G | 13 |
| | | | 57,2I | 11,4 G | 11 |
| 58,6 | 50,34 G | 3 | 58,4 | 13,5 G | 10 |
| | | | 58,2I | 13,1 G | 7 |
| | | | 58,1I | 13,5 F | 2 |
| 59,3 | 50,34 G | 6 | 59,4 | 12,1 G | 8 |
| | | | 59,2I | 12,6 G | 13 |
| 60,4 | 50,37 G | 4 | 60,8 | 11,6 G | 1 |
| | | | 60,3I | 10,7 G | 1 |
| 61,3 | 50,38 G | 2 | | | |
| | | | 61,3I | 11,8 G | 1 |
| | | | 62,2I | 10,7 G | 2 |
| | | | 63,3 | 12,3 G | 8 |
| | | | 63,2I | 11,6 G | 3 |
| 64,2 | 50,30 M | 3 | 64,2 | 11,4 M | 1 |
| 65,2 | 50,21 M | 1 | 65,2 | 11,7 M | 5 |
| | | | 65,7 | 10,9 G | 1 |
| 60,0 | 50s,27 | | 58,6 | 12″,3 | |

## 8 β Céphée (suite).

**III.**

| Ép. moy. annuelle. | 𝒜. 21h27m | N. | Ép. moy. annuelle. | 𝒟. 19°59′ | N. |
|---|---|---|---|---|---|
| | | | 68,6 | 18″,3 G | 1 |
| | | | 68,6 | 18″,3 | |

[1] Avril 10, 𝒜 diminuée de 1s,14 : erreur de réduct.

[2] Août 1, 𝒜 augmentée de 50s,31 : erreur probable d'un rang dans l'ordre des fils observés.

## 40 γ Capricorne.

Mouv. propre adopté. { δ𝒜 = + 0s,015, δ𝒟 = + 0″,001.

**I.**

| Ép. moy. annuelle. | 𝒜. 21h31m | N. | Ép. moy. annuelle. | 𝒟. 107°21′ | N. |
|---|---|---|---|---|---|
| 37,7 | 29s,71 G | 8 | 37,7 | 32″,1 F | 4 |
| 38,7 | 29,75 G | 7 | 38,7[1] | 33,0 F | 4 |
| 40,8 | 29,63 G | 3 | 40,7 | 34,7 F | 1 |
| 41,7 | 29,73 G | 5 | 41,6 | 29,4 F | 1 |
| 42,8 | 29,76 G | 2 | | | |
| 46,8 | 29,75 G | 9 | | | |
| 48,8 | 29,71 G | 2 | 48,9 | 34,2 G | 4 |
| 49,7 | 29,72 G | 7 | 49,7 | 31,8 G | 3 |
| 43,2 | 29s,72 | | 43,1 | 32″,6 | |

**II.**

| Ép. moy. annuelle. | 𝒜. 21h32m | N. | Ép. moy. annuelle. | 𝒟. 107°17′ | N. |
|---|---|---|---|---|---|
| 54,7 | 19s,77 G | 8 | 54,8 | 32″,5 G | 2 |
| 55,7 | 19,73 G | 9 | 55,7 | 33,3 G | 5 |
| 56,7 | 19,76 G | 9 | 56,7 | 33,1 G | 9 |
| 57,7 | 19,78 G | 11 | 57,7 | 34,1 G | 5 |
| 58,7 | 19,72 G | 3 | 58,8 | 33,6 G | 3 |
| 59,7 | 19,79 G | 6 | 59,7 | 33,3 G | 7 |
| 60,9 | 19,79 G | 3 | 60,7 | 34,4 G | 1 |
| 61,7 | 19,87 G | 5 | 61,7 | 34,7 G | 2 |
| 62,6 | 19,90 G | 1 | 62,7 | 33,5 G | 1 |
| 63,6 | 19,77 M | 4 | 63,7 | 32,9 M | 5 |
| 64,7 | 19,80 M | 1 | 64,7 | 33,2 M | 1 |
| 65,7 | 19,77 M | 23 | 65,7 | 33,2 M | 23 |
| 66,7 | 19,76 M | 9 | 66,7 | 33,8 M | 7 |
| 67,7 | 19,74 M | 4 | 67,7 | 33,1 M | 5 |
| 67,7 | 19,82 G | 1 | | | |
| 60,7 | 19s,78 | | 61,5 | 33″,4 | |

**III.**

| Ép. moy. annuelle. | 𝒜. 21h33m | N. | Ép. moy. annuelle. | 𝒟. 107°13′ | N. |
|---|---|---|---|---|---|
| 68,6 | 9s,75 M | 5 | 68,6 | 32″,5 M | 5 |
| 69,7 | 9,77 M | 4 | 69,7 | 32,5 M | 4 |
| | | | 69,8 | 33,4 G | 1 |
| 70,6 | 9,79 M | 4 | 70,6 | 32,2 M | 5 |
| 71,7 | 9,76 M | 3 | 71,7 | 32,8 M | 1 |
| 72,7 | 9,76 M | 6 | 72,7 | 32,1 M | 6 |
| 72,8 | 9,84 G | 1 | | | |
| 73,6 | 9,80 M | 2 | 73,6 | 32,3 M | 3 |
| 74,7 | 9,77 M | 12 | 74,7 | 32,9 M | 11 |
| 74,7 | 9,74 G | 3 | 74,7 | 33,3 G | 3 |
| 75,7 | 9,75 M | 9 | 75,7 | 32,6 M | 12 |
| 75,6 | 9,80 G | 3 | 75,6 | 32,3 G | 1 |
| 76,7 | 9,73 M | 8 | 76,7 | 32,5 M | 9 |
| 76,7 | 9,72 G | 5 | 76,7 | 33,3 G | 5 |
| 77,7 | 9,72 M | 2 | 77,7 | 33,0 M | 4 |
| 77,7 | 9,82 G | 1 | | | |
| 78,7 | 9,73 M | 8 | 78,7 | 32,5 M | 6 |
| 78,7 | 9,79 G | 3 | 78,7 | 33,7 G | 3 |
| 78,7 | 9,77 J | 10 | 78,7 | 32,9 J | 9 |
| 79,6 | 9,75 M | 3 | 79,6 | 32,5 M | 3 |
| 79,8 | 9,85 G | 2 | 79,8 | 33,2 G | 2 |
| 79,6 | 9,75 J | 7 | 79,6 | 32,8 J | 7 |
| 80,7 | 9,77 M | 9 | 80,7 | 32,4 M | 9 |

## 40 γ Capricorne (suite).

**III (suite).**

| Ép. moy. annuelle. | 𝒜. 21h33m | N. | Ép. moy. annuelle. | 𝒟. 107°13′ | N. |
|---|---|---|---|---|---|
| 80,6 | 9s,77 G | 5 | 80,6 | 32″,7 G | 3 |
| 80,7 | 9,73 J | 3 | 80,7 | 31,9 J | 4 |
| 81,7 | 9,68 M | 5 | 81,7 | 32,4 M | 5 |
| 81,8 | 9,94 G | 1 | 81,7 | 33,2 G | 4 |
| 81,7 | 9,77 J | 5 | 81,7 | 32,9 J | 5 |
| 75,9 | 9s,76 | | 76,1 | 32″,7 | |

[1] Août 13, 𝒟 augmentée de 6″.

## 8 ε Pégase.

Mouv. propre adopté. { δ𝒜 = + 0s,004, δ𝒟 = − 0″,01.

**I.**

| Ép. moy. annuelle. | 𝒜. 21h36m | N. | Ép. moy. annuelle. | 𝒟. 80°49′ | N. |
|---|---|---|---|---|---|
| 37,7 | 34s,37 G | 27 | 37,5 | 58″,5 F | 8 |
| 38,7 | 34,35 G | 24 | 38,6 | 58,4 F | 8 |
| 39,6 | 34,40 G | 14 | 39,6 | 57,7 F | 9 |
| 40,7 | 34,38 G | 18 | 40,7 | 58,3 F | 7 |
| 41,6 | 34,36 G | 19 | 41,6 | 58,0 F | 10 |
| 42,7 | 34,39 G | 10 | 42,8 | 57,9 F | 5 |
| 43,6 | 34,36 G | 31 | 43,7 | 58,5 G | 13 |
| | | | 43,7 | 58,2 F | 13 |
| 44,6 | 34,36 G | 6 | 44,6 | 58,5 G | 2 |
| | | | 44,4 | 57,7 F | 1 |
| 45,7 | 34,35 G | 10 | 45,6 | 58,4 G | 1 |
| | | | 45,7 | 57,5 F | 2 |
| 46,7 | 34,36 G | 41 | 46,8 | 58,4 G | 24 |
| | | | 46,8 | 57,7 F | 7 |
| 47,7 | 34,37 G | 38 | 47,7 | 58,4 G | 14 |
| | | | 47,6 | 58,4 G | 8 |
| 48,8[1] | 34,35 G | 26 | 48,8 | 58,2 G | 19 |
| 49,7 | 34,34 G | 23 | 49,6 | 58,8 G | 5 |
| 50,7 | 34,35 G | 18 | 50,7 | 58,2 G | 11 |
| | | | 50,7 | 57,6 F | 3 |
| 51,7 | 34,34 G | 6 | 51,7 | 59,2 G | 2 |
| 52,8 | 34,34 G | 12 | 52,6 | 58,2 G | 6 |
| | | | 52,7 | 57,8 F | 9 |
| 53,7 | 34,32 G | 11 | 53,7 | 58,3 G | 6 |
| | | | 53,7 | 58,6 F | 6 |
| 45,2 | 34s,36 | | 46,0 | 58″,3 | |

**II.**

| Ép. moy. annuelle. | 𝒜. 21h37m | N. | Ép. moy. annuelle. | 𝒟. 80°45′ | N. |
|---|---|---|---|---|---|
| 54,8 | 18s,57 G | 8 | 54,6 | 53″,8 G | 5 |
| 55,7 | 18,57 G | 24 | 55,7 | 53,4 G | 19 |
| 56,6 | 18,52 G | 32 | 56,7 | 53,7 G | 28 |
| 57,7 | 18,56 G | 34 | 57,7 | 53,7 G | 12 |
| 58,7 | 18,58 G | 39 | 58,7 | 53,6 G | 30 |
| | | | 58,7 | 54,1 F | 3 |
| 59,6 | 18,51 G | 27 | 59,6 | 53,6 G | 12 |
| 60,7 | 18,55 G | 18 | 60,7 | 53,8 G | 17 |
| | | | 60,6 | 53,9 F | 1 |
| 61,7 | 18,59 G | 33 | 61,7 | 53,8 G | 17 |
| 62,6 | 18,57 G | 18 | 62,6 | 53,7 G | 12 |
| 63,7 | 18,55 M | 4 | 63,6 | 54,6 M | 3 |
| 63,7 | 18,53 G | 9 | | | |
| 64,4 | 18,52 M | 6 | 64,4 | 54,8 M | 6 |
| 64,7 | 18,55 G | 11 | | | |
| 65,6 | 18,55 M | 23 | 65,4 | 54,3 M | 16 |
| 65,7 | 18,54 G | 8 | | | |
| 66,6 | 18,55 M | 8 | 66,5 | 54,3 M | 7 |
| 66,7 | 18,49 G | 8 | 66,8 | 54,1 G | 2 |
| 67,6 | 18,57 M | 8 | 67,6 | 54,1 M | 5 |
| 67,7 | 18,64 G | 5 | 67,8 | 53,4 G | 1 |
| 61,0 | 18s,55 | | 60,7 | 53″,9 | |

## 8 ε Pégase (suite).

### III.

| Ép. moy. annuelle. | Æ. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | $21^h38^m$ | | | 80°41′ | |
| 68,6 | 2s,76 M | 10 | 68,6 | 49",6 M | 11 |
| 68,8 | 2,81 G | 4 | 68,7 | 49,2 G | 4 |
| 69,7 | 2,77 M | 8 | 69,6 | 49,5 M | 9 |
| | | | 69,8 | 49,1 G | 2 |
| | | | 70,3 | 49,8 M | 4 |
| 71,8 | 2,77 M | 7 | 71,8 | 49,4 M | 6 |
| 71,7 | 2,77 G | 17 | 71,7 | 48,8 G | 8 |
| 72,5 | 2,76 M | 15 | 72,5 | 49,5 M | 13 |
| 72,7 | 2,72 G | 4 | | | |
| 73,6 | 2,72 M | 7 | 73,6 | 49,4 M | 8 |
| 73,8 | 2,77 G | 4 | 73,8 | 49,5 G | 2 |
| 74,7 | 2,75 M | 16 | 74,7 | 49,6 M | 15 |
| 74,7 | 2,73 G | 10 | 74,7 | 48,8 G | 12 |
| 75,7 | 2,75 M | 11 | 75,6 | 49,5 M | 15 |
| 75,6 | 2,72 G | 3 | 75,6 | 48,6 G | 2 |
| 76,4 | 2,73 M | 12 | 76,4 | 49,2 M | 12 |
| 76,7 | 2,76 G | 4 | 76,7 | 49,0 G | 6 |
| 77,2 | 2,73 M | 6 | 77,3 | 49,4 M | 7 |
| 77,7 | 2,62 G | 1 | 77,7 | 49,6 G | 1 |
| 78,7 | 2,77 M | 12 | 78,7 | 49,7 M | 11 |
| 78,7 | 2,71 G | 7 | 78,7 | 49,4 G | 7 |
| 79,7 | 2,75 M | 5 | 79,7 | 49,3 M | 5 |
| 79,7 | 2,73 G | 15 | 79,7 | 49,6 G | 15 |
| 79,7 | 2,76 J | 8 | 79,7 | 50,0 J | 8 |
| 80,7 | 2,75 M | 17 | 80,7 | 50,1 M | 16 |
| 80,7 | 2,75 G | 13 | 80,7 | 48,8 G | 16 |
| 80,6 | 2,75 J | 11 | 80,6 | 49,5 J | 15 |
| 81,7 | 2,75 M | 3 | 81,7 | 49,6 M | 5 |
| 81,7 | 2,73 G | 14 | 81,7 | 48,9 G | 14 |
| 81,7 | 2,72 J | 6 | 81,7 | 49,7 J | 7 |
| 75,8 | 2s,75 | | 75,7 | 49",4 | |

[1] Sept. 18, Æ diminuée de 10s.

## 49 δ Capricorne.

Mouv. propre adopté. { δÆ = + 0s,016, δ𝒫 = + 0",28.

### I.

| Ép. moy. annuelle. | Æ. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | $21^h38^m$ | | | 106°49′ | |
| 37,7[1] | 28s,66 G | 14 | 37,9 | 38",6 F | 1 |
| 38,7 | 28,67 G | 6 | 38,7 | 40,2 F | 1 |
| 39,6 | 28,73 G | 2 | 39,6 | 38,6 F | 2 |
| 40,8 | 28,77 G | 3 | | | |
| 42,8 | 28,68 G | 1 | | | |
| | | | 44,5 | 38,4 G | 1 |
| 45,9 | 28,76 G | 3 | | | |
| 46,9 | 28,72 G | 5 | | | |
| 47,7 | 28,77 G | 12 | 47,8 | 39,4 G | 4 |
| | | | 47,8 | 40,3 F | 1 |
| 48,7 | 28,71 G | 7 | 48,7 | 38,6 G | 4 |
| 49,7 | 28,78 G | 10 | 49,7 | 40,0 G | 3 |
| 50,7 | 28,78 G | 9 | 50,7 | 39,1 G | 1 |
| 51,7[2] | 28,73 G | 8 | 51,7 | 39,0 G | 5 |
| 52,7 | 28,80 G | 10 | 52,7 | 39,4 G | 6 |
| | | | 52,6 | 41,2 F | 7 |
| 53,7 | 28,70 G | 13 | 53,7 | 37,9 G | 6 |
| | | | 53,7[3] | 39,0 F | 7 |
| 46,9 | 28s,73 | | 48,7 | 39",3 | |

### II.

| Ép. moy. annuelle. | Æ. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | $21^h39^m$ | | | 106°45′ | |
| 54,7 | 18s,56 G | 7 | 54,7 | 37",7 G | 3 |
| 55,7 | 18,54 G | 10 | 55,7 | 37,9 G | 7 |
| 56,8 | 18,61 G | 3 | 56,8 | 37,7 G | 2 |
| 57,7 | 18,54 G | 10 | 57,7 | 38,1 G | 5 |
| 58,7 | 18,44 G | 3 | 58,8 | 37,5 G | 3 |
| 59,7 | 18,50 G | 3 | 59,8 | 38,2 G | 4 |
| 60,9 | 18,36 G | 1 | 60,8 | 38,5 G | 2 |
| 61,9 | 18,50 G | 2 | | | |

## 49 δ Capricorne (suite).

### II (suite).

| Ép. moy. annuelle. | Æ. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | $21^h39^m$ | | | 106°45′ | |
| 62,7 | 18s,47 G | 1 | 62,7 | 38",0 G | 1 |
| 64,8 | 18,55 M | 4 | 64,8 | 37,9 M | 4 |
| 65,7 | 18,54 M | 17 | 65,7 | 38,2 M | 18 |
| 66,7 | 18,53 M | 5 | 66,7 | 38,8 M | 4 |
| 67,7 | 18,51 M | 2 | 67,7 | 36,0 M | 1 |
| 67,7 | 18,51 G | 1 | 67,7 | 37,9 M | 1 |
| 60,9 | 18s,52 | | 61,3 | 38",0 | |

### III.

| Ép. moy. annuelle. | Æ. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | $21^h40^m$ | | | 106°41′ | |
| 68,6 | 8s,29 M | 2 | 68,6 | 35",8 M | 2 |
| 69,6 | 8,30 M | 11 | 69,6 | 36,1 M | 10 |
| 70,6 | 8,31 M | 4 | 70,6 | 36,1 M | 4 |
| 71,6 | 8,31 M | 3 | 71,6 | 35,7 M | 2 |
| | | | 71,7 | 36,0 G | 1 |
| 72,7 | 8,31 M | 2 | 72,7 | 36,9 M | 2 |
| 73,6 | 8,40 M | 4 | 73,6 | 35,7 M | 4 |
| 74,7 | 8,33 M | 6 | 74,7 | 36,5 M | 7 |
| 74,7 | 8,35 G | 3 | 74,7 | 36,9 G | 4 |
| 75,7 | 8,36 M | 7 | 75,7 | 35,7 M | 7 |
| 75,6 | 8,32 G | 1 | 75,6 | 35,7 G | 1 |
| 76,8 | 8,30 M | 2 | 76,8 | 36,7 M | 2 |
| 76,8 | 8,33 G | 2 | 76,8 | 36,3 G | 2 |
| 77,7 | 8,32 M | 3 | 77,7 | 36,5 M | 4 |
| 77,7 | 8,37 G | 1 | | | |
| 78,8 | 8,40 M | 3 | 78,8 | 36,1 M | 4 |
| 78,7 | 8,26 G | 1 | 78,7 | 37,5 G | 1 |
| 78,7 | 8,35 J | 2 | 78,7 | 36,5 J | 2 |
| 79,6 | 8,29 M | 2 | 79,6 | 35,8 M | 2 |
| 79,7 | 8,43 G | 2 | 79,7 | 34,2 G | 1 |
| 79,7 | 8,36 J | 5 | 79,7 | 35,7 J | 5 |
| 80,7 | 8,37 M | 11 | 80,8 | 35,6 M | 12 |
| 80,8 | 8,27 G | 1 | | | |
| 80,7 | 8,36 J | 4 | 80,7 | 35,9 J | 4 |
| 81,7 | 8,35 M | 3 | 81,7 | 35,4 M | 3 |
| 81,6 | 8,47 J | 1 | 81,7 | 35,9 J | 3 |
| 75,6 | 8s,34 | | 75,7 | 36",0 | |

[1] Octobre 12, Æ augmentée de 0s,23 : erreur de 1s sur un fil.

[2] Août 11, Æ diminuée de 18s,04 : erreur d'un rang sur l'ordre des fils observés.

[3] Août 18, 𝒫 augmentée de 30" (1 tour de vis des microscopes).

## γ Grue.

Mouv. propre adopté. { δÆ = + 0s,019, δ𝒫 = 0",00.

### I.

| Ép. moy. annuelle. | Æ. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | $21^h44^m$ | | | 128°5′ | |
| 37,7 | 31s,51 G | 4 | | | |
| 37,7 | 31s,51 | | | | |

Il a été fait les 11 et 20 septembre 1837 et le 15 août 1838 trois observations de distance polaire, dont les deux premières au moins, dans des conditions très défectueuses.

Nous n'avons pu décider si les différences considérables constatées entre les trois résultats étaient dues à l'incertitude des valeurs calculées de la réfraction ou bien au défaut de précision des observations, c'est pourquoi nous ne donnons pas ces résultats.

## 16 Pégase.

Mouv. propre adopté. { δÆ = + 0s,002, δ𝒫 = + 0",02.

### I.

| Ép. moy. annuelle. | Æ. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | $21^h46^m$ | | | 64°48′ | |
| 37,6 | 0s,68 G | 5 | 37,6 | 7",5 F | 2 |
| 40,8 | 0,71 G | 1 | | | |
| 41,7 | 0,53 G | 2 | | | |
| 45,7 | 0,57 G | 2 | | | |
| 46,7 | 0,80 G | 6 | 46,9 | 5,8 G | 4 |
| 47,5 | 0,85 G | 1 | | | |
| | | | 48,9 | 6,5 G | 1 |
| 49,7 | 0,76 G | 2 | | | |
| 52,9 | 0,66 G | 2 | | | |
| 45,1 | 0s,70 | | 44,2 | 6",5 | |

### II.

| Ép. moy. annuelle. | Æ. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | $21^h46^m$ | | | 64°43′ | |
| 54,6 | 41s,64 G | 1 | | | |
| 57,7 | 41,58 G | 2 | | | |
| 58,7 | 41,58 G | 9 | 58,7 | 55",9 G | 7 |
| | | | 58,9 | 56,4 F | 1 |
| 59,7 | 41,53 G | 6 | 59,7 | 55,8 G | 6 |
| 60,7 | 41,61 G | 2 | 60,7 | 55,6 G | 6 |
| 61,7 | 41,55 G | 11 | 61,7 | 55,5 G | 8 |
| 62,6 | 41,41 G | 2 | 62,6 | 55,6 G | 3 |
| 63,6 | 41,53 M | 2 | 63,7 | 55,1 M | 3 |
| | | | 63,7 | 55,7 G | 3 |
| 64,7 | 41,51 M | 5 | 64,7 | 55,3 M | 5 |
| | | | 64,8 | 56,4 G | 2 |
| 65,7 | 41,54 M | 14 | 65,7 | 55,8 M | 14 |
| | | | 65,7 | 55,8 G | 7 |
| 66,5 | 41,57 M | 2 | 66,0 | 55,2 M | 1 |
| 66,7 | 41,51 G | 6 | 66,7 | 55,5 G | 1 |
| 67,8 | 41,55 M | 8 | 67,8 | 54,9 M | 8 |
| | | | 67,8 | 55,7 G | 3 |
| 62,7 | 41s,54 | | 63,3 | 55",6 | |

### III.

| Ép. moy. annuelle. | Æ. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | $21^h47^m$ | | | 64°39′ | |
| 68,8 | 22s,52 M | 2 | 68,8 | 43",8 M | 2 |
| 68,8 | 22,45 G | 4 | 68,8 | 44,4 G | 3 |
| 69,7 | 22,52 M | 4 | 69,7 | 43,5 M | 4 |
| 71,7 | 22,49 M | 7 | 71,7 | 43,6 M | 6 |
| 71,7 | 22,46 G | 12 | 71,7 | 43,5 G | 7 |
| 72,7 | 22,43 M | 4 | 72,7 | 44,6 M | 3 |
| 72,8 | 22,50 G | 1 | | | |
| 73,7 | 22,42 M | 3 | 73,7 | 43,8 M | 3 |
| 73,8 | 22,43 G | 4 | 73,8 | 43,4 G | 2 |
| 74,7 | 22,45 M | 12 | 74,7 | 43,6 M | 12 |
| 74,7 | 22,45 G | 1 | 74,7 | 43,9 G | 3 |
| 75,7 | 22,46 M | 11 | 75,7 | 43,5 M | 12 |
| 75,6 | 22,48 G | 1 | 75,6 | 44,1 G | 1 |
| 76,7 | 22,44 M | 2 | 76,7 | 43,1 M | 3 |
| 76,7 | 23,36 G | 2 | 76,7 | 43,6 G | 3 |
| | | | 77,7 | 44,4 M | 1 |
| | | | 77,7 | 43,6 G | 1 |
| 78,7 | 22,46 M | 9 | 78,7 | 43,9 M | 10 |
| 78,6 | 22,43 G | 1 | 78,7 | 43,3 G | 1 |
| 78,7 | 22,43 J | 9 | 78,7 | 43,6 J | 9 |
| 79,7 | 22,32 M | 1 | 79,7 | 44,6 M | 1 |
| 79,7 | 22,44 G | 9 | 79,7 | 43,6 G | 9 |
| 79,7 | 22,42 J | 2 | 79,7 | 44,4 J | 2 |
| 80,8 | 22,49 M | 6 | 80,7 | 43,4 M | 7 |
| 80,7 | 22,47 G | 13 | 80,7 | 43,6 G | 14 |
| 80,7 | 22,43 J | 10 | 80,7 | 43,8 J | 10 |
| 81,7 | 22,50 M | 6 | 81,7 | 43,0 M | 6 |
| 81,7 | 22,48 G | 7 | 81,7 | 43,9 G | 8 |
| 81,7 | 22,44 J | 7 | 81,7 | 44,0 J | 7 |
| 76,2 | 22s,45 | | 76,4 | 43",7 | |

## 34 α Verseau.

Mouv. propre adopté. { δ𝒜 = + 0s,001, δ𝒟 = + 0",05.

I.

| Ép. moy. annuelle. | 𝒜. 21h57m | N. | Ép. moy. annuelle. | 𝒟. 91°4′ | N. |
|---|---|---|---|---|---|
| 37,6 | 49s,21 G | 34 | 37,7 | 13",3 F | 18 |
| 38,6 | 49,20 G | 21 | 38,8 | 12,7 F | 12 |
| 39,5 | 49,26 G | 18 | 39,6 | 12,6 F | 10 |
| 40,7 | 49,26 G | 19 | 40,7 | 13,0 F | 6 |
| 41,6 | 49,28 G | 15 | 41,7 | 13,9 F | 7 |
| 42,6 | 49,20 G | 16 | 42,8 | 14,1 F | 8 |
| 43,6 | 49,22 G | 34 | 43,7 | 13,8 G | 20 |
| | | | 43,7 | 12,7 F | 14 |
| 44,7 | 49,26 G | 11 | 44,6 | 12,8 G | 3 |
| | | | 44,7 | 12,3 F | 1 |
| 45,6 | 49,21 G | 20 | 45,7 | 14,1 G | 5 |
| | | | 45,8 | 14,1 F | 2 |
| 46,7 | 49,26 G | 37 | 46,8 | 13,5 G | 18 |
| | | | 46,8 | 12,3 F | 8 |
| | | | 47,8 | 13,2 G | 16 |
| 47,7 | 49,24 G | 41 | 47,7 | 13,3 F | 10 |
| 48,6 | 49,25 G | 27 | 48,8 | 13,9 G | 14 |
| 49,8 | 49,25 G | 23 | 49,8 | 12,6 G | 4 |
| 50,7 | 49,24 G | 27 | 50,7 | 13,3 G | 14 |
| | | | 50,7 | 13,4 F | 6 |
| 51,7 | 49,29 G | 3 | 51,7 | 12,9 G | 2 |
| 52,7 | 49,30 G | 10 | 52,6 | 13,2 G | 5 |
| | | | 52,7 | 13,5 F | 9 |
| 53,7 | 49,23 G | 7 | 53,7 | 12,8 G | 5 |
| | | | 53,7 | 12,8 F | 6 |
| 45,2 | 49s,24 | | 45,5 | 13",3 | |

II.

| Ép. moy. annuelle. | 𝒜. 21h58m | N. | Ép. moy. annuelle. | 𝒟. 90°59′ | N. |
|---|---|---|---|---|---|
| 54,7 | 35s,49 G | 22 | 54,7 | 54",1 G | 17 |
| 55,7 | 35,52 G | 26 | 55,7 | 53,9 G | 21 |
| 56,7 | 35,54 G | 33 | 56,7 | 54,7 G | 38 |
| 57,8 | 35,50 G | 41 | 57,7 | 54,3 G | 26 |
| 58,8 | 35,48 G | 36 | 58,7 | 55,1 G | 31 |
| | | | 58,7 | 55,5 F | 5 |
| 59,7 | 35,49 G | 24 | 59,7 | 54,7 G | 11 |
| 60,7 | 35,49 G | 21 | 60,7 | 54,0 G | 11 |
| | | | 60,6 | 54,1 F | 2 |
| 61,7 | 35,48 G | 30 | 61,7 | 54,0 G | 20 |
| 62,7 | 35,51 G | 12 | 62,7 | 53,7 G | 5 |
| 63,6 | 35,43 M | 2 | 63,6 | 53,6 M | 3 |
| 63,7 | 35,49 G | 9 | | | |
| 64,7 | 35,50 M | 8 | 64,7 | 54,0 M | 8 |
| 64,7 | 35,49 G | 15 | | | |
| 65,6 | 35,47 M | 11 | 65,5 | 53,9 M | 12 |
| 65,7 | 35,48 G | 12 | | | |
| 66,7 | 35,51 M | 7 | 66,6 | 54,5 M | 6 |
| 66,7 | 35,51 G | 8 | 66,7 | 55,0 G | 1 |
| 67,7 | 35,48 M | 9 | 67,7 | 53,8 M | 7 |
| | | | 67,8 | 53,7 G | 2 |
| 60,5 | 35s,50 | | 60,4 | 54",3 | |

III.

| Ép. moy. annuelle. | 𝒜. 21h59m | N. | Ép. moy. annuelle. | 𝒟. 90°55′ | N. |
|---|---|---|---|---|---|
| 68,7 | 21s,64 M | 5 | 68,7 | 34",0 M | 6 |
| 69,7 | 21,77 M | 4 | 69,7 | 34,6 M | 5 |
| | | | 69,8 | 34,9 G | 1 |
| | | | 70,3 | 34,1 M | 1 |
| 71,8 | 21,72 M | 6 | 71,8 | 33,6 M | 5 |
| 71,7 | 21,74 G | 7 | 71,7 | 34,8 G | 5 |
| 72,6 | 21,76 M | 10 | 72,6 | 34,0 M | 11 |
| 72,7 | 21,73 G | 4 | | | |
| 73,8 | 21,67 M | 4 | 73,8 | 34,3 M | 3 |
| 73,8 | 21,70 G | 7 | 73,7 | 33,9 G | 4 |
| 74,7 | 21,76 M | 10 | 74,8 | 34,6 M | 13 |
| 74,7 | 21,76 G | 8 | 74,7 | 34,5 G | 12 |
| 75,8 | 21,74 M | 10 | 75,8 | 34,6 M | 9 |
| 75,6 | 21,75 G | 4 | 75,6 | 33,9 G | 3 |
| 76,2 | 21,74 M | 6 | 76,3 | 34,4 M | 7 |
| 76,7 | 21,75 G | 3 | 76,7 | 34,2 G | 3 |

## 34 α Verseau (suite).

III (suite).

| Ép. moy. annuelle. | 𝒜. 21h59m | N. | Ép. moy. annuelle. | 𝒟. 90°55′ | N. |
|---|---|---|---|---|---|
| 77,6 | 21s,76 M | 6 | 77,6 | 34",4 M | 6 |
| 78,7 | 21,71 M | 13 | 78,7 | 34,3 M | 13 |
| 78,7 | 21,74 G | 3 | 78,7 | 33,8 G | 2 |
| 78,7 | 21,74 J | 9 | 78,7 | 34,3 J | 9 |
| 79,7 | 21,80 M | 5 | 79,7 | 34,5 M | 5 |
| 79,7 | 21,72 G | 9 | 79,7 | 34,2 G | 12 |
| 79,7 | 21,74 J | 8 | 79,7 | 34,1 J | 9 |
| 80,7 | 21,76 M | 21 | 80,7 | 34,5 M | 22 |
| 80,7 | 21,75 G | 19 | 80,7 | 34,2 G | 20 |
| 80,7 | 21,75 J | 12 | 80,7 | 34,3 J | 14 |
| 81,7 | 21,74 M | 11 | 81,8 | 34,6 M | 10 |
| 81,7 | 21,74 G | 6 | 81,7 | 34,0 G | 6 |
| 81,7 | 21,72 J | 10 | 81,7 | 34,3 J | 11 |
| 76,3 | 21s,74 | | 76,2 | 34",3 | |

## 33 ι Verseau.

Mouv. propre adopté. { δ𝒜 = + 0s,001, δ𝒟 = + 0",05.

I.

| Ép. moy. annuelle. | 𝒜. 21h58m | N. | Ép. moy. annuelle. | 𝒟. 104°37′ | N. |
|---|---|---|---|---|---|
| 38,6 | 3s,58 G | 1 | | | |
| 39,7 | 3,66 G | 1 | 39,6 | 8",4 F | 2 |
| 47,7 | 3,44 G | 1 | | | |
| 48,5 | 3,50 G | 2 | | | |
| 49,6 | 3,62 G | 2 | 49,7 | 9,7 G | 1 |
| 50,8 | 3,62 G | 1 | 50,8 | 8,8 G | 1 |
| 51,6 | 3,73 G | 1 | | | |
| 52,7 | 3,70 G | 4 | 52,8 | 8,1 G | 1 |
| 48,1 | 3s,61 | | 47,3 | 8",7 | |

II.

| Ép. moy. annuelle. | 𝒜. 21h58m | N. | Ép. moy. annuelle. | 𝒟. 104°32′ | N. |
|---|---|---|---|---|---|
| 54,7 | 52s,28 G | 3 | 54,7 | 50",0 G | 5 |
| | | | 56,8 | 50,7 G | 1 |
| 57,5 | 52,27 G | 1 | | | |
| | | | 58,6 | 50,0 G | 1 |
| | | | 59,9 | 49,0 G | 1 |
| 60,8 | 52,29 G | 1 | 60,8 | 50,1 G | 1 |
| 61,6 | 52,43 G | 1 | | | |
| 64,7 | 52,31 G | 6 | 64,7 | 50,0 G | 6 |
| 65,7 | 52,32 G | 15 | 65,7 | 49,7 M | 14 |
| 66,7 | 52,36 G | 1 | 66,7 | 49,6 M | 1 |
| 62,5 | 52s,32 | | 61,8 | 49",9 | |

III.

| Ép. moy. annuelle. | 𝒜. 21h59m | N. | Ép. moy. annuelle. | 𝒟. 104°28′ | N. |
|---|---|---|---|---|---|
| 68,7 | 40s,89 M | 1 | 68,7 | 30",5 M | 1 |
| 70,6 | 41,16 M | 2 | 70,6 | 29,4 M | 1 |
| 71,7 | 41,03 M | 3 | 71,7 | 30,0 M | 3 |
| 71,8 | 41,06 G | 1 | | | |
| 73,6 | 40,99 M | 3 | 73,6 | 30,3 M | 3 |
| 74,6 | 41,05 M | 1 | | | |
| 75,6 | 41,03 M | 2 | 75,6 | 29,9 M | 2 |
| 76,7 | 41,07 M | 2 | 76,7 | 31,3 M | 2 |
| 76,7 | 41,04 G | 2 | 76,7 | 31,1 G | 2 |
| 77,7 | 41,05 M | 7 | 77,7 | 30,9 M | 8 |
| 77,7 | 41,03 G | 1 | | | |
| 78,8 | 41,04 M | 3 | 78,8 | 30,2 M | 4 |
| 78,8 | 41,07 J | 1 | 78,7 | 29,9 G | 1 |
| | | | 78,8 | 29,8 J | 1 |
| 79,7 | 40,99 G | 1 | 79,7 | 30,2 M | 1 |
| 79,7 | 41,05 J | 8 | 79,7 | 30,0 G | 7 |
| 80,9 | 41,13 M | 1 | 80,9 | 30,1 M | 1 |
| 81,6 | 41,04 M | 1 | 81,6 | 29,7 M | 1 |
| 81,7 | 41,09 J | 3 | 81,7 | 30,5 J | 3 |
| 76,4 | 41s,05 | | 76,7 | 30",3 | |

## 21 ζ Céphée.

Mouv. propre adopté. { δ𝒜 = + 0s,004, δ𝒟 = + 0",02.

I.

| Ép. moy. annuelle. | 𝒜. 22h5m | N. | Ép. moy. annuelle. | 𝒟. 32°33′ | N. |
|---|---|---|---|---|---|
| 37,7 | 29s,03 G | 5 | 37,5 | 39",9 F | 3 |
| 40,7 | 28,98 G | 5 | 40,7 | 40,5 F | 3 |
| 41,7 | 28,87 G | 3 | 41,7 | 40,9 F | 1 |
| 42,8 | 29,07 G | 1 | 42,3[1] | 41,3 F | 1 |
| 42,2 I | 28,95 G | 1 | | | |
| 43,2 I[2] | 29,36 G | 1 | | | |
| 46,8 | 28,97 G | 6 | 46,7 | 39,9 G | 6 |
| 46,2 I | 28,99 G | 5 | | | |
| | | | 47,3 | 40,5 G | 1 |
| 47,2 I | 29,03 G | 1 | | | |
| 48,8 | 29,05 G | 5 | 48,7 | 40,4 G | 1 |
| 48,2 I | 28,92 G | 1 | | | |
| 49,8 | 28,88 G | 4 | 49,7[3] | 40,5 G | 4 |
| 50,8 | 28,92 G | 5 | 50,7 | 39,8 G | 10 |
| | | | 50,7 | 40,2 F | 2 |
| | | | 50,2 I | 38,6 G | 1 |
| 51,7 | 29,06 G | 3 | 51,6 | 38,7 G | 1 |
| 51,2 I | 29,06 G | 3 | | | |
| 52,8 | 28,93 G | 10 | 52,8 | 41,0 G | 8 |
| | | | 52,7 | 40,0 F | 15 |
| 52,5 I | 29,05 G | 2 | 52,4 I | 41,5 G | 8 |
| | | | 52,6 I | 40,7 F | 12 |
| 53,7[4] | 28,75 G | 2 | 53,7 | 39,9 G | 5 |
| | | | 53,7 | 39,7 F | 5 |
| 47,1 | 28s,98 | | 48,5 | 40",2 | |

II.

| Ép. moy. annuelle. | 𝒜. 22h5m | N. | Ép. moy. annuelle. | 𝒟. 32°29′ | N. |
|---|---|---|---|---|---|
| 54,8 | 60s,20 G | 2 | 54,8 | 17",0 G | 3 |
| 55,7 | 60,16 G | 5 | 55,8 | 17,4 G | 14 |
| | | | 55,2 I | 17,1 G | 3 |
| 56,8 | 59,72 G | 4 | 56,8 | 16,3 G | 7 |
| | | | 56,2 I | 15,9 G | 4 |
| 57,6 | 59,85 G | 3 | 57,5 | 16,5 G | 3 |
| 58,9 | 60,15 G | 1 | 58,5 | 17,4 G | 5 |
| 59,7 | 59,99 G | 2 | 59,9 | 16,2 G | 7 |
| | | | 60,8 | 16,9 G | 3 |
| | | | 62,7 | 16,1 G | 1 |
| | | | 63,2 I | 16,2 G | 5 |
| 65,5 | 59,88 M | 16 | 65,5 | 16,1 M | 18 |
| 66,3 | 59,87 M | 1 | 66,2 | 15,6 M | 1 |
| | | | 66,9 | 16,6 M | 1 |
| 67,7 | 59,98 G | 1 | 67,7 | 16,8 G | 1 |
| 60,4 | 59s,96 | | 60,3 | 16",6 | |

III.

| Ép. moy. annuelle. | 𝒜. 22h6m | N. | Ép. moy. annuelle. | 𝒟. 32°24′ | N. |
|---|---|---|---|---|---|
| 80,7 | 31s,09 G | 1 | 80,7 | 52",3 G | 1 |
| 80,7 | 31s,09 | | 80,7 | 52",3 | |

[1] Avril 17, 𝒟 diminuée de 20" : erreur de moyenne.

[2] Mars 18, 𝒜 diminuée de 0s,62 : erreur de réduct.

[3] Déc. 8, 𝒟 augmentée de 10" : erreur de moyenne.

[4] Oct. 29, 𝒜 augmentée de 0s,20 : erreur de 1s sur un fil.

## 43 θ Verseau.

Mouv. propre adopté. { δ𝒜 = + 0s,008, δ𝒟 = + 0",02.

I.

| Ép. moy. annuelle. | 𝒜. 22h8m | N. | Ép. moy. annuelle. | 𝒟. 98°33′ | N. |
|---|---|---|---|---|---|
| 37,7 | 39s,00 G | 19 | 37,7 | 7",5 F | 7 |
| | | | 38,9 | 9,1 F | 1 |

## 43 θ Verseau (suite).

### I (suite).

| Ép. moy. annuelle. | 𝒜. (22h 8m) | N. | Ép. moy. annuelle. | 𝒫. (98° 33′) | N. |
|---|---|---|---|---|---|
| 39,7 | 38s,99 G | 1 | | | |
| 40,7 | 39,07 G | 3 | 40,7 | 8",7 F | 1 |
| 41,7 | 38,97 G | 2 | | | |
| 42,8 | 38,99 G | 7 | 42,7 | 9,9 F | 3 |
| 43,7 | 38,96 G | 5 | 43,7 | 10,6 G | 2 |
| | | | 43,6 | 9,0 F | 3 |
| 45,6 | 39,07 G | 3 | 45,5 | 10,6 G | 1 |
| 46,7 | 38,98 G | 9 | 46,7 | 9,7 G | 3 |
| 47,7 | 38,95 G | 2 | 47,7 | 10,8 G | 1 |
| 48,6 | 38,99 G | 2 | | | |
| 49,7 | 39,05 G | 5 | | | |
| 50,7 | 38,96 G | 4 | 50,7 | 10,4 G | 3 |
| 52,7 | 39,15 G | 2 | | | |
| 44,7 | 39s,01 | | 43,6 | 9",4 | |

### II.

| Ép. moy. annuelle. | 𝒜. (22h 9m) | N. | Ép. moy. annuelle. | 𝒫. (98° 28′) | N. |
|---|---|---|---|---|---|
| 54,7 | 26s,58 G | 8 | 54,7 | 42",0 G | 1 |
| 55,7 | 26,54 G | 5 | 55,7 | 43,2 G | 4 |
| 56,7 | 26,55 G | 10 | 56,6 | 42,4 G | 2 |
| 57,7 | 26,60 G | 16 | 57,7 | 43,8 G | 10 |
| 58,7 | 26,59 G | 12 | 58,7 | 44,1 G | 6 |
| | | | 58,7 | 43,6 F | 3 |
| 59,7 | 26,59 G | 4 | 59,8 | 43,6 G | 9 |
| 60,7 | 26,65 G | 6 | 60,8 | 44,0 G | 5 |
| | | | 60,6 | 44,4 F | 1 |
| 61,8 | 26,52 G | 11 | 61,7 | 43,8 G | 7 |
| 62,7 | 26,60 G | 5 | 62,7 | 43,8 G | 5 |
| 63,6 | 26,72 G | 1 | 63,6 | 44,1 M | 2 |
| 64,7 | 26,60 M | 12 | 64,7 | 44,0 M | 11 |
| 65,7 | 26,59 M | 9 | 65,7 | 44,0 M | 16 |
| 65,7 | 26,62 G | 10 | | | |
| 66,8 | 26,58 M | 5 | 66,8 | 43,5 M | 4 |
| | | | 66,8 | 44,3 G | 1 |
| 67,7 | 26,58 M | 6 | 67,7 | 43,9 M | 6 |
| 67,7 | 26,58 G | 2 | | | |
| 60,5 | 26s,59 | | 61,7 | 43",7 | |

### III.

| Ép. moy. annuelle. | 𝒜. (22h 10m) | N. | Ép. moy. annuelle. | 𝒫. (98° 24′) | N. |
|---|---|---|---|---|---|
| 68,7 | 14s,20 M | 6 | 68,7 | 17",1 M | 6 |
| 69,7 | 14,15 M | 6 | 69,7 | 18,7 M | 5 |
| 71,8 | 14,14 M | 5 | 71,8 | 17,5 M | 7 |
| | | | 71,7 | 17,1 M | 1 |
| 72,7 | 14,16 M | 3 | | | |
| 72,8 | 14,22 G | 2 | 72,7 | 17,1 G | 4 |
| 73,7 | 14,12 M | 6 | 73,7 | 17,2 M | 8 |
| 73,7 | 14,16 G | 3 | | | |
| 74,7 | 14,14 M | 3 | 74,7 | 17,4 M | 4 |
| 74,7 | 14,17 G | 4 | 74,7 | 16,3 G | 8 |
| 75,8 | 14,13 M | 9 | 75,8 | 17,3 M | 8 |
| 75,6 | 14,19 G | 3 | 75,6 | 16,9 G | 2 |
| 76,8 | 14,13 M | 5 | 76,8 | 17,4 M | 6 |
| 76,7 | 14,13 G | 5 | 76,7 | 17,5 G | 5 |
| 77,8 | 14,19 M | 11 | 77,7 | 17,0 M | 6 |
| 77,7 | 14,14 G | 1 | 77,8 | 17,6 G | 7 |
| 78,7 | 14,12 M | 15 | 78,7 | 17,2 M | 16 |
| 78,7 | 14,11 G | 2 | 78,7 | 16,8 G | 1 |
| 78,7 | 14,20 J | 10 | 78,7 | 17,3 J | 10 |
| 79,8 | 14,16 M | 6 | 79,7 | 17,5 M | 9 |
| 79,7 | 14,15 G | 9 | 79,7 | 17,8 G | 14 |
| 79,8 | 14,18 J | 16 | 79,8 | 17,8 J | 6 |
| 80,7 | 14,15 M | 8 | 80,7 | 17,2 M | 9 |
| 80,7 | 14,14 G | 7 | 80,7 | 17,8 G | 7 |
| 80,7 | 14,15 J | 9 | 80,7 | 17,2 J | 10 |
| 81,7 | 14,09 M | 6 | 81,7 | 17,1 M | 6 |
| 81,8 | 14,19 G | 5 | 81,8 | 17,8 G | 7 |
| 81,8 | 14,16 J | 12 | 81,7 | 17,5 J | 15 |
| 76,7 | 14s,16 | | 77,2 | 17",4 | |

## 48 γ Verseau.

Mouv. propre adopté. { δ𝒜 = + 0s,010, δ𝒫 = − 0",03.

### I.

| Ép. moy. annuelle. | 𝒜. (22h 13m) | N. | Ép. moy. annuelle. | 𝒫. (92° 9′) | N. |
|---|---|---|---|---|---|
| 37,7 | 38s,89 G | 8 | 37,6 | 58",5 F | 5 |
| 38,7 | 38,88 G | 1 | 38,9 | 58,0 F | 1 |
| 39,7 | 38,96 G | 2 | 39,7 | 56,0 F | 3 |
| 40,8 | 38,86 G | 3 | 40,7 | 56,0 F | 1 |
| 41,7 | 38,82 G | 1 | | | |
| 42,8 | 38,94 G | 2 | | | |
| 46,7 | 38,90 G | 15 | 46,8 | 58,5 G | 9 |
| 47,8 | 38,90 G | 21 | 47,8 | 57,5 G | 11 |
| | | | 47,8 | 59,1 F | 1 |
| 48,7 | 38,85 G | 5 | | | |
| 49,7 | 38,87 G | 19 | 49,8 | 58,3 G | 9 |
| | | | 49,9 | 58,0 F | 1 |
| 50,7 | 38,87 G | 29 | 50,7 | 57,8 G | 19 |
| | | | 50,7 | 57,8 F | 9 |
| 51,7 | 38,92 G | 11 | 51,7 | 57,6 G | 5 |
| 52,7 | 38,92 G | 15 | 52,8 | 58,4 G | 8 |
| | | | 52,6 | 58,0 F | 8 |
| 53,7 | 38,87 G | 12 | 53,7 | 57,2 G | 6 |
| | | | 53,7 | 57,6 F | 7 |
| 47,7 | 38s,89 | | 48,3 | 57",8 | |

### II.

| Ép. moy. annuelle. | 𝒜. (22h 14m) | N. | Ép. moy. annuelle. | 𝒫. (92° 5′) | N. |
|---|---|---|---|---|---|
| 54,7 | 25s,46 G | 10 | 54,8 | 28",6 G | 5 |
| 55,7 | 25,47 G | 7 | 55,7 | 28,9 G | 4 |
| 56,7 | 25,37 G | 14 | 56,7 | 29,0 G | 7 |
| 57,7 | 25,42 G | 12 | 57,7 | 28,7 G | 3 |
| 58,7 | 25,43 G | 6 | 58,8 | 28,9 G | 6 |
| | | | 58,7 | 28,5 F | 9 |
| 59,7 | 25,49 G | 4 | 59,8 | 29,2 G | 2 |
| 60,7 | 25,46 G | 9 | 60,8 | 29,1 G | 1 |
| | | | 60,6 | 28,8 F | 1 |
| 61,8 | 25,45 G | 11 | 61,8 | 29,1 G | 7 |
| 62,7 | 25,41 G | 5 | 62,7 | 29,1 G | 3 |
| 63,7 | 25,41 M | 1 | | | |
| 63,7 | 25,46 G | 8 | | | |
| 64,7 | 25,40 M | 13 | 64,8 | 29,1 M | 13 |
| 64,7 | 25,37 G | 9 | | | |
| 65,7 | 25,40 M | 9 | 65,7 | 28,7 M | 10 |
| 65,7 | 25,42 G | 7 | | | |
| 66,8 | 25,32 M | 2 | 66,7 | 28,9 M | 1 |
| 66,7 | 25,42 G | 9 | 66,8 | 28,6 G | 4 |
| 67,7 | 25,44 M | 8 | 67,7 | 28,6 M | 8 |
| | | | 67,7 | 28,5 G | 4 |
| 61,7 | 25s,42 | | 61,4 | 28",9 | |

### III.

| Ép. moy. annuelle. | 𝒜. (22h 15m) | N. | Ép. moy. annuelle. | 𝒫. (92° 0′) | N. |
|---|---|---|---|---|---|
| 68,8 | 11s,97 M | 6 | 68,8 | 58",6 M | 6 |
| 69,7 | 11,90 M | 3 | 69,7 | 58,2 M | 2 |
| 71,8 | 11,91 M | 5 | 71,7 | 59,4 M | 7 |
| 71,8 | 11,91 G | 4 | 71,7 | 59,9 G | 1 |
| 72,6 | 11,93 M | 5 | 72,6 | 59,0 M | 6 |
| 72,7 | 11,93 G | 7 | | | |
| 73,7 | 11,92 M | 4 | 73,7 | 58,8 M | 4 |
| 73,7 | 11,91 G | 2 | | | |
| 74,8 | 11,94 M | 12 | 74,8 | 59,2 M | 14 |
| 74,7 | 11,93 G | 5 | 74,7 | 59,5 G | 11 |
| 75,8 | 11,88 M | 8 | 75,8 | 59,0 M | 8 |
| 75,6 | 11,90 G | 3 | 75,6 | 57,5 G | 1 |
| 76,7 | 11,87 M | 9 | 76,7 | 58,9 M | 9 |
| 76,7 | 11,92 G | 3 | 76,7 | 59,1 G | 6 |
| 77,8 | 11,90 M | 14 | 77,7 | 59,3 M | 14 |
| 77,7 | 11,91 G | 1 | | | |
| 78,7 | 11,96 M | 18 | 78,7 | 59,2 M | 20 |
| 78,7 | 11,93 G | 2 | 78,7 | 59,5 G | 2 |
| 78,7 | 11,93 J | 12 | 78,7 | 59,0 J | 11 |
| 79,8 | 11,90 M | 7 | 79,8 | 59,2 M | 7 |
| 79,7 | 11,95 G | 9 | 79,7 | 58,9 G | 10 |
| 79,7 | 11,94 J | 18 | 79,7 | 59,0 J | 18 |
| 80,7 | 11,91 M | 10 | 80,7 | 59,5 M | 11 |

## 48 γ Verseau (suite).

### III (suite).

| Ép. moy. annuelle. | 𝒜. (22h 15m) | N. | Ép. moy. annuelle. | 𝒫. (92° 0′) | N. |
|---|---|---|---|---|---|
| 80,7 | 11s,96 G | 9 | 80,7 | 59",7 G | 8 |
| 80,7 | 11,93 J | 9 | 80,7 | 59,0 J | 10 |
| 81,8 | 11,89 M | 5 | 81,8 | 59,7 M | 5 |
| 81,8 | 11,91 G | 12 | 81,8 | 58,8 G | 15 |
| 81,7 | 11,88 J | 15 | 81,7 | 59,2 J | 16 |
| 76,6 | 11s,92 | | 76,7 | 59",1 | |

## 27 δ² Céphée.

Mouv. propre adopté. { δ𝒜 = 0s,000, δ𝒫 = + 0",01.

### I.

| Ép. moy. annuelle. | 𝒜. (22h 23m) | N. | Ép. moy. annuelle. | 𝒫. (32° 22′) | N. |
|---|---|---|---|---|---|
| 40,7 | 25s,55 G | 1 | 40,7 | 36",6 F | 1 |
| 41,8 | 25,47 G | 1 | 41,8 | 38,2 F | 1 |
| | | | 42,7 | 36,1 F | 1 |
| 43,9 | 25,70 G | 1 | | | |
| 46,8 | 25,28 G | 2 | 46,9 | 36,6 G | 1 |
| 43,7 | 25s,48 | | 43,0 | 36",9 | |

### II.

| Ép. moy. annuelle. | 𝒜. (22h 23m) | N. | Ép. moy. annuelle. | 𝒫. (32° 17′) | N. |
|---|---|---|---|---|---|
| 55,8 | 58s,67 G | 4 | 55,8 | 61",6 G | 5 |
| | | | 57,8 | 59,6 G | 1 |
| 60,9 | 58,51 G | 2 | | | |
| 58,0 | 58s,60 | | 56,4 | 61",0 | |

### III.

| Ép. moy. annuelle. | 𝒜. (22h 24m) | N. | Ép. moy. annuelle. | 𝒫. (32° 13′) | N. |
|---|---|---|---|---|---|
| 80,5 | 31s,66 G | 1 | | | |
| 80,5 | 31s,66 | | | | |

## 62 η Verseau.

Mouv. propre adopté. { δ𝒜 = + 0s,005, δ𝒫 = + 0",05.

### I.

| Ép. moy. annuelle. | 𝒜. (22h 27m) | N. | Ép. moy. annuelle. | 𝒫. (90° 54′) | N. |
|---|---|---|---|---|---|
| 37,7 | 23s,33 G | 10 | 37,7 | 53",4 F | 1 |
| 38,7 | 23,38 G | 2 | 38,8 | 51,4 F | 2 |
| 39,8 | 23,38 G | 2 | 39,7 | 52,2 F | 1 |
| 40,7 | 23,40 G | 6 | 40,7 | 52,5 F | 3 |
| 41,7 | 23,23 G | 1 | | | |
| 42,8 | 23,33 G | 6 | | | |
| 43,6 | 23,39 G | 3 | | | |
| 44,6 | 23,44 G | 1 | 44,6 | 52,2 G | 1 |
| 46,7 | 23,38 G | 10 | 46,8 | 52,7 G | 2 |
| | | | 46,7 | 52,7 F | 1 |
| 47,9 | 23,13 G | 1 | 47,9 | 53,6 G | 1 |
| | | | 47,9 | 54,8 F | 1 |
| 50,6 | 23,12 G | 1 | 50,6 | 52,1 G | 1 |
| 51,8 | 23,33 G | 2 | | | |
| 52,9 | 23,42 G | 1 | | | |
| 53,6 | 23,45 G | 1 | 53,7 | 51,6 G | 2 |
| 44,0 | 23s,35 | | 44,7 | 52",7 | |

### II.

| Ép. moy. annuelle. | 𝒜. (22h 28m) | N. | Ép. moy. annuelle. | 𝒫. (94° 50′) | N. |
|---|---|---|---|---|---|
| 55,7 | 9s,70 G | 1 | | | |
| 56,8 | 9,58 G | 2 | | | |
| 57,7 | 9,65 G | 11 | 57,8 | 16",4 G | 4 |

## 62 η Verseau (suite).

II (suite).

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 22h28m | | | 90°50′ | |
| 58,7 | 9s,64 G | 17 | 58,8 | 16",3 G | 18 |
| | | | 58,7 | 17,4 G | 4 |
| 59,8 | 9,69 G | 2 | 59,8 | 15,9 F | 3 |
| 60,8 | 9,63 G | 6 | 60,8 | 16,2 G | 5 |
| 61,8 | 9,64 G | 28 | 61,8 | 16,6 G | 22 |
| 62,7 | 9,69 G | 8 | 62,7 | 16,2 G | 9 |
| 63,7 | 9,67 G | 7 | | | |
| 64,8 | 9,65 M | 18 | 64,7 | 16,6 M | 18 |
| 64,7 | 9,67 G | 13 | | | |
| 65,6 | 9,63 M | 6 | 65,6 | 16,6 M | 7 |
| 65,7 | 9,66 G | 8 | | | |
| 66,9 | 9,72 M | 5 | 66,9 | 16,4 M | 4 |
| 66,7 | 9,70 G | 10 | 66,8 | 16,6 G | 5 |
| 67,7 | 9,64 M | 9 | 67,8 | 16,3 M | 10 |
| 67,7 | 9,57 G | 1 | 67,8 | 16,5 G | 4 |
| 62,5 | 9s,66 | | 62,7 | 16",5 | |

III.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 22h28m | | | 90°45′ | |
| 68,8 | 55s,90 M | 4 | 68,8 | 39",7 M | 6 |
| 69,7 | 55,86 M | 4 | 69,7 | 40,1 M | 3 |
| | | | 69,7 | 40,3 G | 1 |
| 71,8 | 55,90 M | 5 | 71,8 | 40,0 M | 6 |
| 71,7 | 55,87 G | 1 | 71,7 | 38,9 G | 1 |
| 72,6 | 55,86 M | 6 | 72,6 | 39,9 M | 7 |
| 72,7 | 55,91 G | 7 | | | |
| 73,8 | 55,90 M | 8 | 73,8 | 40,6 M | 7 |
| 73,8 | 55,85 G | 5 | 73,8 | 40,4 G | 2 |
| 74,8 | 55,90 M | 14 | 74,8 | 40,1 M | 16 |
| 74,7 | 55,96 G | 2 | 74,7 | 39,9 G | 9 |
| 75,8 | 55,92 M | 7 | 75,8 | 39,8 M | 10 |
| 75,6 | 55,86 G | 1 | 75,6 | 39,6 G | 1 |
| 76,7 | 55,94 M | 6 | 76,7 | 39,7 M | 7 |
| 76,7 | 55,93 G | 7 | 76,7 | 39,4 G | 7 |
| 77,8 | 55,90 M | 13 | 77,7 | 40,1 M | 14 |
| 77,7 | 55,98 G | 1 | 77,7 | 39,3 G | 1 |
| 78,7 | 55,89 M | 12 | 78,7 | 39,9 M | 11 |
| 78,7 | 55,90 G | 4 | 78,7 | 40,5 G | 2 |
| 78,7 | 55,90 J | 9 | 78,7 | 39,9 J | 8 |
| 79,7 | 55,91 M | 11 | 79,7 | 40,0 M | 11 |
| 79,7 | 55,94 G | 12 | 79,7 | 39,4 G | 10 |
| 79,8 | 55,93 J | 17 | 79,8 | 40,0 J | 17 |
| 80,7 | 55,86 M | 11 | 80,7 | 40,3 M | 11 |
| 80,7 | 55,93 G | 8 | 80,7 | 40,2 G | 7 |
| 80,7 | 55,91 J | 8 | 80,7 | 39,8 J | 9 |
| 81,7 | 55,92 M | 8 | 81,7 | 40,6 M | 9 |
| 81,8 | 55,91 G | 10 | 81,8 | 39,8 G | 10 |
| 81,8 | 55,94 J | 14 | 81,7 | 40,3 J | 16 |
| 76,6 | 55s,91 | | 76,6 | 40",0 | |

## 42 ζ Pégase.

Mouv. propre adopté. { δ𝒜 = + 0s,003, δ𝒫 = − 0",01.

I.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 22h33m | | | 79°58′ | |
| 37,7 | 43s,96 G | 34 | 37,7 | 33",2 F | 11 |
| 38,7 | 43,96 G | 15 | 38,7 | 33,3 F | 7 |
| 39,7 | 43,98 G | 15 | 39,6 | 33,9 F | 9 |
| 40,8 | 43,95 G | 17 | 40,7 | 33,9 F | 6 |
| 41,8 | 43,95 G | 14 | 41,7 | 33,6 F | 6 |
| 42,8 | 43,94 G | 9 | 42,7 | 33,1 F | 3 |
| 43,7 | 43,97 G | 25 | 43,7 | 34,1 G | 9 |
| | | | 43,7 | 33,9 F | 8 |
| 44,8 | 43,92 G | 11 | 44,6 | 33,5 G | 1 |
| | | | 44,8 | 33,9 F | 2 |
| 45,7 | 43,98 G | 8 | 45,7 | 33,7 G | 4 |
| 46,7 | 44,00 G | 19 | 46,7 | 33,8 G | 6 |
| | | | 46,7 | 35,3 F | 3 |
| 47,7 | 43,98 G | 33 | 47,7 | 33,7 G | 21 |

## 42 ζ Pégase (suite).

I (suite).

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 22h33m | | | 79°58′ | |
| | | | 47,8 | 34",7 F | 2 |
| 48,7 | 43s,97 G | 22 | 48,7 | 33,6 G | 14 |
| 49,8 | 43,93 G | 15 | 49,7 | 33,7 G | 7 |
| | | | 49,9 | 34,0 F | 1 |
| 50,7 | 43,93 G | 21 | 50,7 | 34,2 G | 10 |
| | | | 50,7 | 35,3 F | 3 |
| 51,7 | 43,94 G | 10 | 51,7 | 33,4 G | 1 |
| 52,8 | 43,95 G | 9 | 52,7 | 34,1 G | 6 |
| | | | 52,7 | 34,3 F | 10 |
| 53,8 | 43,93 G | 9 | 53,7 | 33,8 G | 3 |
| | | | 53,7 | 33,9 F | 4 |
| 45,5 | 43s,96 | | 45,8 | 33",8 | |

II.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 22h34m | | | 79°53′ | |
| 54,7 | 28s,80 G | 13 | 54,8 | 53",4 G | 8 |
| 55,7 | 28,79 G | 22 | 55,8 | 54,0 G | 20 |
| 56,7 | 28,75 G | 28 | 56,7 | 54,3 G | 22 |
| 57,7 | 28,75 G | 30 | 57,8 | 54,3 G | 15 |
| 58,7 | 28,76 G | 31 | 58,7 | 54,2 G | 35 |
| | | | 58,7 | 54,1 F | 2 |
| 59,7 | 28,75 G | 16 | 59,8 | 53,9 G | 14 |
| 60,8 | 28,77 G | 10 | 60,7 | 54,0 G | 7 |
| 61,7 | 28,82 G | 23 | 61,8 | 54,1 G | 11 |
| 62,7 | 28,74 G | 8 | 62,7 | 54,2 G | 7 |
| 63,6 | 28,78 M | 2 | 63,6[1] | 53,1 M | 2 |
| 63,7 | 28,81 G | 5 | | | |
| 64,5 | 28,79 M | 6 | 64,5 | 54,0 M | 5 |
| 64,7 | 28,79 G | 13 | | | |
| 65,6 | 28,81 M | 4 | 65,6 | 53,8 M | 2 |
| 65,7 | 28,80 G | 10 | | | |
| 66,4 | 28,79 M | 3 | 66,4 | 54,8 M | 3 |
| 66,7 | 28,77 G | 5 | 66,8 | 54,5 G | 3 |
| 67,8 | 28,83 M | 3 | 67,8 | 53,5 M | 3 |
| 60,3 | 28s,78 | | 60,1 | 54",0 | |

III.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 22h35m | | | 79°49′ | |
| 68,8 | 13s,52 M | 3 | 68,8 | 13",3 M | 3 |
| 68,8 | 13,60 G | 8 | 68,8 | 13,9 G | 8 |
| | | | 69,8 | 14,0 M | 1 |
| 71,8 | 13,59 M | 6 | 71,8 | 13,6 M | 7 |
| 71,8 | 13,62 G | 10 | 71,7 | 13,3 G | 4 |
| 72,5 | 13,59 M | 5 | 72,6 | 13,2 M | 6 |
| 72,7 | 13,63 G | 7 | 72,8 | 14,7 G | 1 |
| 73,8 | 13,61 M | 12 | 73,7 | 13,7 M | 9 |
| 73,8 | 13,64 G | 9 | 73,8 | 14,1 G | 4 |
| 74,8 | 13,59 M | 13 | 74,8 | 13,8 M | 13 |
| 74,7 | 13,59 G | 2 | 74,8 | 13,9 G | 7 |
| 75,8 | 13,65 M | 5 | 75,8 | 13,7 M | 5 |
| 76,6 | 13,60 M | 7 | 76,6 | 13,5 M | 8 |
| 76,7 | 13,64 G | 3 | 76,7 | 14,2 G | 2 |
| 77,6 | 13,61 M | 11 | 77,6 | 13,9 M | 15 |
| 77,7 | 13,62 G | 1 | 77,7 | 13,5 G | 1 |
| 78,8 | 13,64 M | 6 | 78,8 | 13,8 M | 5 |
| 78,7 | 13,60 G | 2 | 78,7 | 13,2 G | 1 |
| 78,8 | 13,56 J | 6 | 78,8 | 14,0 J | 6 |
| 79,8 | 13,62 M | 2 | 79,8 | 13,3 M | 2 |
| 79,7 | 13,60 G | 12 | 79,7 | 13,9 G | 10 |
| 79,8 | 13,66 J | 9 | 79,8 | 14,3 J | 9 |
| 80,7 | 13,62 M | 8 | 80,7 | 14,0 M | 8 |
| 80,7 | 13,59 G | 11 | 80,8 | 14,1 G | 11 |
| 80,7 | 13,60 J | 8 | 80,7 | 14,2 J | 10 |
| 81,8 | 13,66 M | 7 | 81,8 | 14,6 M | 7 |
| 81,8 | 13,66 G | 9 | 81,8 | 14,2 G | 9 |
| 81,7 | 13,62 J | 6 | 81,7 | 13,8 J | 6 |
| 76,4 | 13s,61 | | 76,4 | 13",9 | |

[1] Août 1, 𝒫 augmentée de 6" : erreur de réduction.

## 44 η Pégase.

Mouv. propre adopté. { δ𝒜 = + 0s,002, δ𝒫 = + 0",03.

I.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 22h35m | | | 60°35′ | |
| 37,6 | 44s,54 G | 13 | 37,7 | 16",9 F | 4 |
| 38,7 | 44,56 G | 5 | | | |
| 39,8 | 44,37 G | 1 | | | |
| 40,8 | 44,45 G | 3 | | | |
| 41,7 | 44,51 G | 1 | | | |
| 43,8 | 44,50 G | 6 | | | |
| 46,8[1] | 44,59 G | 2 | | | |
| 53,8 | 44,49 G | 1 | | | |
| 41,8 | 44s,51 | | 37,7 | 16",9 | |

II.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 22h36m | | | 60°30′ | |
| 54,7 | 26s,54 G | 3 | 54,8 | 35",8 G | 2 |
| 55,6 | 26,63 G | 1 | 55,8 | 34,9 G | 1 |
| 56,6 | 26,59 G | 7 | 56,6 | 35,9 G | 4 |
| 57,5 | 26,54 G | 7 | 57,6 | 35,9 G | 3 |
| 58,7 | 26,56 G | 6 | 58,7 | 36,0 G | 1 |
| 59,3 | 26,58 G | 1 | 59,9 | 36,6 G | 2 |
| 60,7 | 26,63 G | 3 | 60,7 | 35,0 G | 1 |
| 61,5 | 26,55 G | 11 | 61,7 | 36,1 G | 1 |
| 62,7 | 26,48 G | 1 | 62,7 | 35,1 G | 1 |
| 63,6 | 26,47 G | 1 | 63,7 | 35,8 G | 1 |
| 64,8 | 26,51 M | 11 | 64,7 | 35,9 M | 10 |
| | | | 64,8 | 35,5 G | 2 |
| 65,5 | 26,55 M | 21 | 65,5 | 36,0 M | 22 |
| 65,7 | 26,51 G | 4 | 65,7 | 35,1 G | 10 |
| 66,8 | 26,55 M | 9 | 66,8 | 36,1 M | 9 |
| 67,8 | 26,52 M | 9 | 67,8 | 36,0 M | 7 |
| 67,7 | 26,49 G | 1 | 67,8 | 35,6 G | 4 |
| 62,1 | 26s,55 | | 62,7 | 35",7 | |

III.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 22h37m | | | 60°25′ | |
| 68,9 | 8s,63 M | 6 | 68,9 | 55",2 M | 7 |
| 69,8 | 8,62 M | 5 | 69,8 | 55,2 M | 5 |
| 71,7 | 8,53 M | 4 | 71,7 | 54,6 M | 4 |
| | | | 72,7 | 55,5 M | 1 |
| 73,8 | 8,58 M | 4 | 73,8 | 55,6 M | 4 |
| 74,8 | 8,63 M | 5 | 74,8 | 55,6 M | 5 |
| | | | 74,8 | 54,1 G | 1 |
| 75,4 | 8,56 M | 5 | 75,4 | 55,3 M | 6 |
| 77,7 | 8,56 G | 1 | | | |
| 78,7 | 8,55 M | 2 | 78,8 | 55,4 M | 1 |
| 78,7 | 8,63 G | 1 | 78,7 | 54,2 G | 1 |
| 79,7 | 8,57 G | 10 | 79,7 | 55,0 G | 6 |
| 79,7 | 8,56 J | 4 | 79,7 | 54,4 J | 3 |
| 80,8 | 8,62 M | 4 | 80,8 | 54,5 M | 2 |
| 80,7 | 8,59 G | 6 | 80,8 | 54,8 G | 6 |
| 80,5 | 8,62 J | 7 | 80,5 | 54,4 J | 7 |
| 81,8 | 8,58 M | 4 | 81,8 | 55,1 M | 4 |
| 81,8 | 8,46 G | 2 | 81,8 | 55,2 G | 3 |
| 81,8 | 8,72 J | 2 | 81,8 | 54,7 J | 2 |
| 76,2 | 8s,59 | | 75,9 | 55",1 | |

[1] Octobre 22, 𝒜 augmentée de 2s : erreur de réduction.

## 73 λ Verseau.

Mouv. propre adopté. { δ𝒜 = − 0s,004, δ𝒫 = − 0",04.

I.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒫. | N. |
|---|---|---|---|---|---|
| | 22h44m | | | 98°24′ | |
| 37,8 | 31s,47 G | 23 | 37,7 | 9",2 F | 10 |
| 38,8 | 31,50 G | 8 | 38,7 | 10,4 F | 2 |
| 39,7 | 31,46 G | 8 | 39,7 | 9,4 F | 4 |
| 40,8 | 31,48 G | 6 | 40,8 | 11,9 F | 2 |

### 73 λ Verseau (suite).

I (suite).

| Ép. moy. annuelle. | $\mathcal{A}$. | N. | Ép. moy. annuelle. | $\mathcal{P}$. | N. |
|---|---|---|---|---|---|
| | 22h 44m | | | 98° 24′ | |
| 41,7 | 31$^s$,43 G | 2 | | | |
| 42,8 | 31,45 G | 6 | | | |
| 43,7 | 31,50 G | 4 | | | |
| 46,8 | 31,51 G | 6 | 46,8 | 9,5 G | 1 |
| 47,8 | 31,53 G | 4 | 47,9 | 10,0 G | 2 |
| | | | 47,9 | 9,1 F | 1 |
| 48,7 | 31,47 G | 5 | 48,8 | 9,3 G | 3 |
| 49,8 | 31,57 G | 2 | | | |
| 50,7 | 31,54 G | 2 | 50,8 | 10,6 G | 2 |
| | | | 50,8 | 11,1 F | 2 |
| 52,6[1] | 31,92 G | 1 | 52,7 | 9,3 F | 7 |
| 53,3 | 31,54 G | 2 | 53,7 | 9,1 F | 5 |
| 43,6 | 31$^s$,49 | | 45,7 | 9″,8 | |

II.

| Ép. moy. annuelle. | $\mathcal{A}$. | N. | Ép. moy. annuelle. | $\mathcal{P}$. | N. |
|---|---|---|---|---|---|
| | 22h 45m | | | 98° 19′ | |
| 54,8 | 18$^s$,53 G | 4 | 54,8 | 24″,1 G | 4 |
| 55,7 | 18,50 G | 3 | 55,7 | 24,6 G | 2 |
| 56,7 | 18,50 G | 7 | 56,7 | 24,8 G | 6 |
| 57,7 | 18,47 G | 8 | 57,7 | 23,7 G | 4 |
| 58,7 | 18,49 G | 3 | 58,8 | 24,2 G | 5 |
| | | | 58,7 | 24,3 F | 2 |
| 59,7 | 18,52 G | 1 | 59,8 | 23,9 G | 5 |
| 60,6 | 18,58 G | 5 | 60,9 | 25,5 G | 2 |
| 61,8 | 18,53 G | 10 | 61,9 | 24,7 G | 7 |
| 62,7 | 18,51 G | 1 | 62,7 | 25,1 G | 2 |
| 63,6 | 18,60 M | 2 | 63,6 | 24,8 M | 2 |
| 64,8 | 18,55 M | 7 | 64,8 | 24,7 M | 6 |
| 65,7 | 18,55 M | 7 | 65,7 | 23,5 M | 8 |
| 66,7 | 18,48 M | 3 | 66,7 | 24,0 M | 3 |
| 66,7 | 18,53 G | 1 | 66,8 | 25,2 G | 3 |
| 67,8 | 18,49 M | 3 | 67,8 | 24,0 M | 3 |
| 61,2 | 18$^s$,52 | | 61,4 | 24″,4 | |

III.

| Ép. moy. annuelle. | $\mathcal{A}$. | N. | Ép. moy. annuelle. | $\mathcal{P}$. | N. |
|---|---|---|---|---|---|
| | 22h 46m | | | 98° 14′ | |
| 68,8 | 5$^s$,40 M | 1 | 68,8 | 38″,4 M | 1 |
| 69,7 | 5,51 M | 3 | 69,7 | 38,2 M | 3 |
| | | | 69,8 | 39,1 G | 2 |
| 71,7 | 5,48 M | 5 | 71,8 | 38,9 M | 6 |
| 72,8 | 5,53 M | 3 | 72,8 | 39,3 M | 3 |
| 72,9 | 5,50 G | 3 | | | |
| 73,8 | 5,52 M | 12 | 73,8 | 39,5 M | 12 |
| 73,8 | 5,55 G | 4 | 73,8 | 39,0 G | 1 |
| 74,8 | 5,48 M | 6 | 74,8 | 38,9 M | 6 |
| 74,7 | 5,50 G | 5 | 74,8 | 39,0 G | 8 |
| 75,7 | 5,47 M | 5 | 75,7 | 38,7 M | 5 |
| 76,8 | 5,45 M | 3 | 76,8 | 38,8 M | 3 |
| 76,7 | 5,51 G | 3 | 76,7 | 38,3 G | 6 |
| 77,8 | 5,52 M | 3 | 77,7 | 38,8 M | 5 |
| | | | 77,7 | 39,5 G | 1 |
| 78,8 | 5,53 M | 15 | 78,8 | 38,7 M | 14 |
| 78,7 | 5,52 G | 5 | 78,7 | 39,2 G | 3 |
| 78,8 | 5,55 J | 3 | 78,8 | 39,1 J | 4 |
| 79,7 | 5,52 M | 6 | 79,7 | 38,6 M | 5 |
| 79,8 | 5,51 G | 12 | 79,7 | 39,3 G | 11 |
| 79,8 | 5,52 J | 15 | 79,8 | 39,1 J | 15 |
| 80,7 | 5,49 M | 9 | 80,7 | 38,8 M | 8 |
| 80,8 | 5,48 G | 3 | 80,7 | 39,9 G | 4 |
| 80,9 | 5,50 J | 7 | 80,7 | 39,2 J | 9 |
| 81,8 | 5,58 M | 2 | 81,8 | 39,4 M | 2 |
| 81,8 | 5,54 G | 3 | 81,8 | 38,5 G | 5 |
| 81,8 | 5,52 J | 8 | 81,8 | 38,9 J | 8 |
| 76,9 | 5$^s$,51 | | 76,8 | 38″,9 | |

[1] $\mathcal{A}$ non comprise dans la moyenne : observation faite à 2 fils discordants.

### 76 δ Verseau.

Mouv. propre adopté. $\delta\mathcal{A} = -0^s,005$, $\delta\mathcal{P} = 0'',00$.

I.

| Ép. moy. annuelle. | $\mathcal{A}$. | N. | Ép. moy. annuelle. | $\mathcal{P}$. | N. |
|---|---|---|---|---|---|
| | 22h 46m | | | 106° 38′ | |
| 37,8 | 25$^s$,06 G | 24 | 37,7 | 37″,2 F | 7 |
| 38,7 | 25,14 G | 7 | | | |
| 39,7 | 25,01 G | 2 | | | |
| 40,8 | 25,08 G | 8 | 40,8 | 39,6 F | 1 |
| 41,7 | 24,92 G | 2 | 41,7 | 37,3 F | 1 |
| 42,8 | 25,15 G | 3 | | | |
| 43,6 | 25,20 G | 2 | 43,6 | 35,0 F | 1 |
| 46,8 | 25,05 G | 9 | | | |
| 47,5 | 24,96 G | 1 | | | |
| 48,5 | 25,15 G | 1 | | | |
| 49,7 | 25,17 G | 2 | | | |
| 51,7 | 25,13 G | 3 | 51,7 | 37,2 G | 3 |
| 52,6 | 25,34 G | 1 | | | |
| 53,6 | 25,00 G | 5 | 53,8 | 38,0 G | 2 |
| 44,1 | 25$^s$,09 | | 44,7 | 37″,4 | |

II.

| Ép. moy. annuelle. | $\mathcal{A}$. | N. | Ép. moy. annuelle. | $\mathcal{P}$. | N. |
|---|---|---|---|---|---|
| | 22h 47m | | | 106° 33′ | |
| 54,8 | 12$^s$,91 G | 8 | 54,8 | 51″,2 G | 5 |
| 55,7 | 12,94 G | 5 | 55,7 | 50,5 G | 2 |
| 56,8 | 12,88 G | 8 | 56,7 | 51,1 G | 4 |
| 57,7 | 12,92 G | 7 | 57,8 | 51,8 G | 3 |
| 58,8 | 12,88 G | 3 | 58,8 | 51,7 G | 4 |
| | | | 58,7 | 53,9 F | 1 |
| 59,9 | 12,99 G | 1 | 59,9 | 52,1 G | 3 |
| 60,4 | 12,92 G | 2 | 60,7 | 52,4 G | 1 |
| 61,8 | 12,90 G | 3 | | | |
| 64,8 | 12,91 M | 5 | 64,8 | 51,6 M | 5 |
| 65,6 | 13,03 M | 9 | 65,4 | 51,4 M | 5 |
| 66,8 | 13,00 M | 6 | 66,9 | 51,8 M | 6 |
| 66,8 | 12,97 G | 1 | 66,9 | 51,8 G | 1 |
| 67,7 | 12,99 M | 2 | 67,7 | 51,3 M | 2 |
| | | | 67,8 | 52,6 G | 1 |
| 60,7 | 12$^s$,94 | | 61,2 | 51″,6 | |

III.

| Ép. moy. annuelle. | $\mathcal{A}$. | N. | Ép. moy. annuelle. | $\mathcal{P}$. | N. |
|---|---|---|---|---|---|
| | 22h 48m | | | 106° 29′ | |
| 68,7 | 0$^s$,74 M | 1 | 68,7 | 5″,4 M | 1 |
| 69,7 | 0,80 M | 3 | 69,6 | 4,8 M | 3 |
| 71,7 | 0,77 M | 5 | 71,7 | 5,7 M | 5 |
| 71,9 | 0,84 G | 1 | | | |
| 72,7 | 0,80 M | 1 | 72,7 | 6,4 M | 2 |
| 72,9 | 0,82 G | 1 | | | |
| 73,7 | 0,83 M | 10 | 73,7 | 6,0 M | 9 |
| 74,7 | 0,86 M | 3 | 74,7 | 6,2 M | 2 |
| 76,7 | 0,81 M | 1 | 76,7 | 5,1 M | 2 |
| | | | 77,7 | 5,9 M | 1 |
| 78,8 | 0,81 M | 3 | 78,7 | 6,6 M | 5 |
| 78,7 | 0,83 G | 1 | | | |
| 78,8 | 0,78 J | 2 | 78,8 | 6,6 J | 1 |
| 79,9 | 0,91 J | 1 | 79,9 | 5,8 J | 1 |
| 80,8 | 0,74 M | 5 | 80,8 | 4,8 M | 5 |
| 80,7 | 0,85 G | 1 | 80,8 | 5,7 G | 3 |
| 81,6 | 0,89 M | 3 | 81,9 | 7,7 M | 2 |
| 81,8 | 0,85 G | 2 | 81,8 | 5,7 G | 3 |
| 75,6 | 0$^s$,81 | | 75,9 | 5″,8 | |

### 24 α Poisson austral (Fomalhaut.).

Mouv. propre adopté. $\delta\mathcal{A} = +0^s,025$, $\delta\mathcal{P} = +0'',17$.

I.

| Ép. moy. annuelle. | $\mathcal{A}$. | N. | Ép. moy. annuelle. | $\mathcal{P}$. | N. |
|---|---|---|---|---|---|
| | 22h 49m | | | 120° 26′ | |
| 37,8 | 4$^s$,37 G | 37 | 37,7 | 31″,8 F | 22 |
| 38,8 | 4,38 G | 24 | 38,8 | 31,6 F | 11 |
| 39,6 | 4,41 G | 21 | 39,7 | 32,2 F | 12 |

### 24 α Poisson austral (Fomalhaut.) (suite).

I (suite).

| Ép. moy. annuelle. | $\mathcal{A}$. | N. | Ép. moy. annuelle. | $\mathcal{P}$. | N. |
|---|---|---|---|---|---|
| | 22h 49m | | | 120° 26′ | |
| 40,7 | 4$^s$,46 G | 17 | 40,7 | 33″,2 F | 12 |
| 41,7 | 4,43 G | 15 | 41,8 | 32,3 F | 8 |
| 42,7 | 4,36 G | 11 | 42,7 | 31,6 F | 7 |
| 43,7 | 4,47 G | 21 | 43,7 | 33,7 F | 6 |
| | | | 43,7 | 31,9 F | 5 |
| 44,7 | 4,48 G | 7 | 44,9 | 34,1 F | 1 |
| 45,7 | 4,43 G | 13 | 45,6 | 33,3 G | 2 |
| 46,7 | 4,39 G | 22 | 46,7 | 33,3 G | 9 |
| | | | 46,7 | 34,2 F | 5 |
| 47,7 | 4,40 G | 35 | 47,8 | 33,0 G | 22 |
| | | | 47,8 | 33,3 F | 3 |
| 48,8 | 4,42 G | 24 | 48,7 | 32,7 G | 14 |
| 49,7 | 4,44 G | 10 | 49,7 | 32,6 G | 6 |
| 50,7 | 4,43 G | 9 | 50,7 | 31,0 G | 3 |
| | | | 50,7 | 30,3 F | 1 |
| 51,7 | 4,48 G | 7 | | | |
| 52,7 | 4,48 G | 7 | 52,7 | 32,1 G | 5 |
| | | | 52,7 | 32,7 F | 10 |
| 53,7 | 4,22 G | 5 | 53,7 | 32,8 G | 5 |
| | | | 53,7 | 31,7 F | 4 |
| 44,9 | 4$^s$,41 | | 45,1 | 32″,5 | |

II.

| Ép. moy. annuelle. | $\mathcal{A}$. | N. | Ép. moy. annuelle. | $\mathcal{P}$. | N. |
|---|---|---|---|---|---|
| | 22h 49m | | | 120° 21′ | |
| 54,7 | 54$^s$,41 G | 12 | 54,7 | 48″,2 G | 16 |
| 55,7 | 54,42 G | 21 | 55,7 | 48,4 G | 22 |
| 56,7 | 54,42 G | 30 | 56,7 | 48,2 G | 23 |
| 57,7 | 54,40 G | 19 | 57,8 | 48,2 G | 15 |
| 58,7 | 54,39 G | 16 | 58,7 | 48,0 G | 13 |
| | | | 58,7 | 49,6 F | 3 |
| 59,7 | 54,45 G | 4 | 59,8 | 48,9 G | 5 |
| 60,6 | 54,32 G | 5 | 60,8 | 49,2 G | 3 |
| 61,7 | 54,43 G | 6 | 61,7 | 48,4 G | 4 |
| 62,7 | 54,53 G | 1 | | | |
| | | | 63,7 | 48,8 M | 2 |
| 64,7 | 54,38 M | 8 | 64,7 | 49,2 M | 8 |
| 65,7 | 54,41 M | 16 | 65,7 | 48,3 M | 11 |
| 66,7 | 54,38 M | 1 | 66,7 | 47,3 M | 2 |
| 59,5 | 54$^s$,41 | | 59,5 | 48″,4 | |

III.

| Ép. moy. annuelle. | $\mathcal{A}$. | N. | Ép. moy. annuelle. | $\mathcal{P}$. | N. |
|---|---|---|---|---|---|
| | 22h 50m | | | 120° 17′ | |
| 80,7 | 44$^s$,43 M | 1 | 80,7 | 1″,7 M | 1 |
| | | | 81,8 | 2,9 J | 1 |
| 80,7 | 44$^s$,43 | | 81,2 | 2″,3 | |

### 53 β Pégase.

Mouv. propre adopté. $\delta\mathcal{A} = +0^s,015$, $\delta\mathcal{P} = -0'',15$.

I.

| Ép. moy. annuelle. | $\mathcal{A}$. | N. | Ép. moy. annuelle. | $\mathcal{P}$. | N. |
|---|---|---|---|---|---|
| | 22h 56m | | | 62° 45′ | |
| 37,7 | 16$^s$,06 G | 1 | 39,7 | 27″,4 F | 1 |
| 43,6 | 16,01 G | 3 | 43,6 | 23,8 G | 1 |
| | | | 43,7 | 24,8 F | 2 |
| 52,9 | 16,24 G | 1 | | | |
| 44,8 | 16$^s$,09 | | 42,2 | 25″,6 | |

II.

| Ép. moy. annuelle. | $\mathcal{A}$. | N. | Ép. moy. annuelle. | $\mathcal{P}$. | N. |
|---|---|---|---|---|---|
| | 22h 56m | | | 62° 40′ | |
| 55,7 | 59$^s$,41 G | 1 | 55,8 | 32″,8 G | 2 |
| 56,3 | 59,46 G | 4 | 56,2 | 33,3 G | 3 |
| 57,8[1] | 59,33 G | 2 | 57,9 | 33,4 G | 2 |
| 58,0 | 59,19 G | 1 | 58,9 | 33,6 G | 1 |
| | | | 59,7 | 32,9 G | 1 |
| 60,1 | 59,56 G | 2 | 60,8 | 32,9 G | 3 |
| 61,7 | 59,42 G | 2 | 61,3 | 34,2 G | 1 |

## 53 β Pégase (suite).

II (suite).

| Ép. moy. annuelle. | Æ. 22h 56m | N. | Ép. moy. annuelle. | 𝔇. 62° 40′ | N. |
|---|---|---|---|---|---|
| 63,7 | 59s,42 M | 1 | 63,2 | 32″,7 M | 3 |
| 63,3 | 59,55 G | 1 | 63,7 | 33,0 G | 1 |
| 64,7 | 59,43 M | 16 | 64,7 | 32,7 M | 17 |
| 65,6 | 59,44 M | 18 | 65,6 | 33,2 M | 18 |
| 66,8 | 59,43 M | 13 | 66,8 | 33,1 M | 8 |
| 66,7 | 59,31 G | 2 | 66,8 | 33,3 G | 1 |
| 67,8 | 59,44 M | 10 | 67,8 | 33,2 M | 10 |
| | | | 67,8 | 32,8 G | 4 |
| 64,6 | 59s,43 | | 63,2 | 33″,1 | |

III.

| Ép. moy. annuelle. | Æ. 22h 57m | N. | Ép. moy. annuelle. | 𝔇. 62° 35′ | N. |
|---|---|---|---|---|---|
| 68,9 | 42s,93 M | 4 | 68,9 | 42″,5 M | 4 |
| 69,7 | 42,97 M | 5 | 69,7 | 41,1 M | 5 |
| 71,7 | 42,88 M | 2 | 71,7 | 41,3 M | 2 |
| 71,9 | 42,91 G | 7 | 71,8 | 40,8 G | 3 |
| 73,8 | 42,90 G | 5 | 73,8 | 40,6 G | 2 |
| 74,8 | 42,90 M | 8 | 74,8 | 41,5 M | 8 |
| | | | 74,8 | 40,9 G | 4 |
| 75,3 | 42,88 M | 6 | 75,2 | 41,4 M | 6 |
| 75,9 | 42,92 G | 1 | 75,9 | 43,3 G | 1 |
| 77,8 | 42,83 M | 3 | 77,8 | 41,3 M | 4 |
| 78,8 | 42,86 M | 2 | 78,8 | 41,0 M | 2 |
| 78,8 | 42,88 G | 2 | 78,8 | 40,3 G | 2 |
| 79,8 | 42,91 M | 9 | 79,8 | 40,9 G | 9 |
| 80,7 | 42,91 M | 3 | 80,7 | 41,1 M | 3 |
| 80,8 | 42,87 G | 10 | 80,8 | 41,0 G | 8 |
| 80,3 | 42,89 J | 7 | 80,4 | 41,2 J | 9 |
| 81,8 | 42,89 M | 1 | 81,8 | 41,5 M | 1 |
| 81,8 | 42,91 G | 3 | 81,8 | 41,4 G | 3 |
| 81,8 | 42,87 J | 2 | 81,8 | 41,7 J | 3 |
| 76,2 | 42s,90 | | 76,3 | 41″,2 | |

[1] Oct. 3, Æ augmentée de 1s : erreur de moyenne.

## 54 α Pégase.

Mouv. propre adopté. { δÆ = + 0s,005, δ𝔇 = + 0″,02.

I.

| Ép. moy. annuelle. | Æ. 22h 57m | N. | Ép. moy. annuelle. | 𝔇. 75° 37′ | N. |
|---|---|---|---|---|---|
| 37,7 | 2s,57 G | 46 | 37,7 | 39″,7 F | 21 |
| 38,8 | 2,61 G | 36 | 38,8 | 39,9 F | 12 |
| 39,6 | 2,59 G | 28 | 39,6[1] | 39,5 F | 12 |
| 40,8 | 2,61 G | 23 | 40,8 | 39,4 F | 8 |
| 41,7 | 2,57 G | 15 | 41,7 | 39,5 F | 4 |
| 42,6 | 2,57 G | 18 | 42,6 | 39,2 F | 9 |
| 43,6 | 2,58 G | 28 | 43,7 | 39,5 G | 11 |
| | | | 43,7 | 39,8 F | 9 |
| 44,7 | 2,57 G | 8 | 44,7 | 38,9 F | 3 |
| 45,6 | 2,63 G | 12 | 45,7 | 39,5 G | 4 |
| 46,7 | 2,61 G | 23 | 46,7 | 39,1 G | 6 |
| | | | 46,7 | 38,2 F | 2 |
| 47,7 | 2,60 G | 33 | 47,8 | 39,2 G | 20 |
| | | | 47,8 | 40,1 F | 2 |
| 48,8 | 2,61 G | 27 | 48,8 | 39,2 G | 17 |
| 49,6 | 2,57 G | 20 | 49,6 | 39,2 G | 11 |
| 50,7 | 2,57 G | 17 | 50,7 | 39,3 G | 11 |
| | | | 50,7 | 40,6 F | 3 |
| 51,7 | 2,59 G | 9 | 51,7 | 39,0 G | 1 |
| 52,7 | 2,55 G | 11 | 52,7 | 39,7 G | 8 |
| | | | 52,7 | 39,2 F | 10 |
| 53,6 | 2,64 G | 2 | 53,7 | 39,4 G | 7 |
| | | | 53,7 | 38,8 F | 4 |
| 45,0 | 2s,59 | | 45,6 | 39″,4 | |

## 54 α Pégase (suite).

II.

| Ép. moy. annuelle. | Æ. 22h 57m | N. | Ép. moy. annuelle. | 𝔇. 75° 32′ | N. |
|---|---|---|---|---|---|
| 54,8 | 47s,33 G | 9 | 54,5 | 49″,4 G | 3 |
| 55,7 | 47,31 G | 13 | 55,7 | 49,9 G | 3 |
| 56,7 | 47,32 G | 37 | 56,7 | 49,6 G | 15 |
| 57,6 | 47,30 G | 37 | 57,7 | 50,1 G | 14 |
| 58,6 | 47,32 G | 36 | 58,6 | 49,8 G | 17 |
| | | | 58,7 | 50,5 F | 3 |
| 59,6 | 47,37 G | 11 | 59,8 | 50,1 G | 4 |
| 60,6 | 47,29 G | 16 | 60,8 | 50,1 G | 9 |
| 61,6 | 47,28 G | 27 | 61,8 | 49,8 G | 16 |
| 62,6 | 47,29 G | 16 | 62,7 | 49,9 G | 10 |
| 63,7 | 47,25 M | 1 | 63,7 | 49,6 M | 1 |
| 63,7 | 47,28 G | 6 | 63,7 | 49,1 G | 2 |
| 64,4 | 47,29 M | 6 | 64,2 | 50,1 M | 6 |
| 64,7 | 47,29 G | 11 | 64,8 | 50,5 G | 2 |
| 65,3 | 47,30 M | 15 | 65,3 | 49,9 M | 15 |
| 65,7 | 47,31 G | 8 | 65,7 | 50,4 G | 6 |
| 66,2 | 47,29 M | 4 | 66,3 | 50,1 M | 3 |
| 66,7 | 47,22 G | 3 | 66,8 | 50,2 G | 1 |
| 67,6 | 47,33 M | 6 | 67,6 | 50,2 M | 5 |
| | | | 67,0 | 51,2 G | 1 |
| 60,8 | 47s,30 | | 61,2 | 49″,9 | |

III.

| Ép. moy. annuelle. | Æ. 22h 58m | N. | Ép. moy. annuelle. | 𝔇. 75° 27′ | N. |
|---|---|---|---|---|---|
| 68,1 | 32s,08 M | 2 | 68,1 | 61″,2 M | 2 |
| 68,8 | 32,03 G | 9 | 68,8 | 60,5 G | 9 |
| | | | 69,8 | 60,4 G | 2 |
| 70,3 | 32,05 M | 1 | 70,3 | 61,4 M | 3 |
| 71,8 | 32,04 G | 2 | | | |
| 72,3 | 32,05 M | 10 | 72,3 | 61,1 M | 8 |
| 72,7 | 32,04 G | 7 | | | |
| 73,7 | 32,08 M | 10 | 73,7 | 60,6 M | 7 |
| 73,7 | 32,02 G | 2 | | | |
| 74,8 | 32,03 M | 5 | 74,7 | 60,6 M | 7 |
| 74,8 | 32,05 G | 15 | 74,8 | 60,6 G | 13 |
| 75,7 | 32,04 M | 1 | 75,7 | 59,7 M | 1 |
| 76,4 | 32,05 M | 11 | 76,4 | 60,9 M | 11 |
| 76,8 | 32,01 G | 2 | 76,7 | 60,2 G | 3 |
| 77,5 | 32,06 M | 6 | 77,5 | 60,8 M | 7 |
| 78,5 | 32,05 M | 5 | 78,1 | 60,6 M | 2 |
| 78,7 | 32,07 G | 1 | | | |
| 78,8 | 32,05 J | 3 | 78,8 | 60,7 J | 3 |
| 79,5 | 32,05 M | 4 | 79,5 | 61,0 M | 4 |
| 79,7 | 32,01 G | 2 | 79,7 | 60,6 G | 2 |
| 79,8 | 31,97 J | 3 | 79,8 | 61,1 J | 3 |
| 80,7 | 32,03 M | 13 | 80,7 | 60,8 M | 13 |
| | | | 80,9 | 60,0 G | 1 |
| 80,7 | 32,04 J | 3 | 80,7 | 60,9 J | 4 |
| 81,7 | 32,02 M | 8 | 81,7 | 61,0 M | 9 |
| 81,7 | 32,08 G | 1 | 81,7 | 60,8 G | 1 |
| 81,8 | 32,10 J | 2 | 81,8 | 60,8 J | 2 |
| 75,9 | 32s,04 | | 75,9 | 60″,8 | |

[1] Sept. 13, 𝔇 diminuée de 10″ : erreur de réduction.

## 88 c² Verseau.

Mouv. propre adopté. { δÆ = + 0s,003, δ𝔇 = − 0″,07.

I.

| Ép. moy. annuelle. | Æ. 23h 1m | N. | Ép. moy. annuelle. | 𝔇. 112° 0′ | N. |
|---|---|---|---|---|---|
| 37,8 | 10s,58 G | 3 | | | |
| 40,8 | 10,52 G | 2 | 40,8 | 45″,8 F | 2 |
| 41,8 | 10,49 G | 2 | 41,8 | 44,6 F | 1 |
| 46,8 | 10,51 G | 3 | 46,9 | 47,4 G | 1 |
| 49,8 | 10,55 G | 2 | | | |
| 43,3 | 10s,53 | | 42,8 | 45″,9 | |

## 88 c² Verseau (suite).

II.

| Ép. moy. annuelle. | Æ. 23h 1m | N. | Ép. moy. annuelle. | 𝔇. 111° 55′ | N. |
|---|---|---|---|---|---|
| 54,7 | 58s,45 G | 1 | 54,7 | 51″,2 G | 1 |
| 55,7 | 58,59 G | 3 | 55,7 | 54,9 G | 1 |
| 56,7 | 58,57 G | 8 | 56,8 | 54,1 G | 3 |
| 57,7 | 58,58 G | 3 | | | |
| 58,8 | 58,64 G | 1 | 58,8 | 53,1 G | 1 |
| 59,8 | 58,67 G | 3 | 59,9 | 53,2 G | 2 |
| 60,8 | 58,55 G | 2 | 60,8 | 54,4 G | 3 |
| 61,7 | 58,62 G | 8 | 61,7 | 52,5 G | 3 |
| 64,7 | 58,60 M | 14 | 64,7 | 53,9 M | 16 |
| 65,7 | 58,58 M | 14 | 65,7 | 53,3 M | 10 |
| 66,7 | 58,59 M | 5 | 66,8 | 53,8 M | 3 |
| | | | 66,9 | 53,7 G | 1 |
| 67,7 | 58,67 M | 1 | 67,7 | 53,1 M | 1 |
| 61,6 | 58s,59 | | 62,3 | 53″,5 | |

III.

| Ép. moy. annuelle. | Æ. 23h 2m | N. | Ép. moy. annuelle. | 𝔇. 111° 50′ | N. |
|---|---|---|---|---|---|
| 69,6 | 46s,78 M | 2 | 69,6 | 59″,9 M | 3 |
| 72,9 | 46,69 G | 1 | | | |
| 73,8 | 46,71 M | 6 | 73,8 | 62,3 M | 6 |
| 77,0 | 46,75 M | 1 | 77,0 | 62,2 M | 1 |
| | | | 77,7 | 60,8 M | 1 |
| 78,8 | 46,68 M | 2 | 78,7 | 61,6 M | 1 |
| 78,8 | 46,76 G | 2 | 78,8 | 62,2 J | 2 |
| 79,8 | 46,78 J | 1 | 79,8 | 62,0 J | 1 |
| 80,8 | 46,70 M | 2 | 80,8 | 61,6 M | 2 |
| 80,9 | 46,76 J | 1 | 80,9 | 61,9 J | 1 |
| 81,7 | 46,68 G | 1 | | | |
| 81,7 | 46,66 J | 4 | 81,7 | 63,3 J | 4 |
| 77,1 | 46s,72 | | 77,1 | 61″,9 | |

## 6 γ Poissons.

Mouv. propre adopté. { δÆ = + 0s,050, δ𝔇 = + 0″,01

I.

| Ép. moy. annuelle. | Æ. 23h 9m | N. | Ép. moy. annuelle. | 𝔇. 87° 33′ | N. |
|---|---|---|---|---|---|
| 37,7 | 7s,85 G | 4 | 37,7 | 48″,8 F | 2 |
| | | | 40,7 | 50,2 F | 1 |
| 41,6 | 7,77 G | 1 | | | |
| 42,8 | 7,87 G | 4 | | | |
| 43,6 | 7,84 G | 1 | 43,6 | 49,7 G | 1 |
| | | | 43,6 | 48,9 G | 1 |
| 44,6 | 7,78 G | 1 | | | |
| 45,7 | 7,79 G | 5 | | | |
| 46,7 | 7,85 G | 14 | 46,7 | 48,8 G | 3 |
| 47,7 | 7,85 G | 11 | 47,7 | 48,8 G | 5 |
| 48,8 | 7,84 G | 9 | 48,8 | 48,6 G | 4 |
| 49,7 | 7,84 G | 12 | 49,8 | 49,0 G | 4 |
| 50,8 | 7,85 G | 26 | 50,8 | 48,9 G | 19 |
| | | | 50,7 | 49,1 G | 3 |
| 51,8 | 7,90 G | 9 | 51,7 | 49,7 G | 6 |
| 52,8 | 8,15 G | 10 | 52,7 | 48,5 G | 9 |
| | | | 52,7 | 49,0 G | 10 |
| 53,7 | 8,05 G | 14 | 53,7 | 48,6 G | 9 |
| | | | 53,7 | 48,1 G | 6 |
| 48,4 | 7s,89 | | 49,3 | 48″,9 | |

II.

| Ép. moy. annuelle. | Æ. 23h 9m | N. | Ép. moy. annuelle. | 𝔇. 87° 28′ | N. |
|---|---|---|---|---|---|
| 54,7 | 54s,46 G | 15 | 54,8 | 55″,3 G | 8 |
| 55,7 | 54,42 G | 6 | 55,8 | 54,9 G | 5 |
| 56,7 | 54,44 G | 19 | 56,7 | 55,3 G | 9 |
| 57,7 | 54,46 G | 18 | 57,7 | 55,4 G | 7 |
| 58,6 | 54,44 G | 29 | 58,7 | 55,2 G | 23 |
| | | | 58,7 | 55,5 F | 2 |
| 59,6 | 54,44 G | 13 | 59,8 | 54,9 G | 10 |
| 60,7 | 54,49 G | 12 | 60,8 | 55,0 G | 10 |
| 61,7 | 54,47 G | 23 | 61,8 | 55,2 G | 15 |

### 6 γ Poissons (suite).

II (suite).

| Ép. moy. annuelle. | AR. | N. | Ép. moy. annuelle. | D. | N. |
|---|---|---|---|---|---|
| | 23h 9m | | | 87° 28′ | |
| 62,7 | 54s,48 G | 12 | 62,7 | 55",2 G | 7 |
| 63,7 | 54,41 M | 4 | 63,7 | 54,6 M | 4 |
| 63,7 | 54,48 G | 7 | | | |
| 64,7 | 54,43 M | 12 | 64,8 | 54,9 M | 14 |
| 64,7 | 54,46 G | 12 | | | |
| 65,6 | 54,39 M | 4 | 65,6 | 54,6 M | 4 |
| 65,8 | 54,49 G | 7 | | | |
| 66,8 | 54,48 M | 7 | 66,8 | 55,1 M | 7 |
| 66,7 | 54,43 G | 7 | 66,8 | 54,8 G | 6 |
| 67,8 | 54,54 M | 6 | 67,8 | 54,8 M | 8 |
| | | | 67,8 | 55,1 G | 3 |
| 61,0 | 54s,46 | | 61,3 | 55",0 | |

III.

| Ép. moy. annuelle. | AR. | N. | Ép. moy. annuelle. | D. | N. |
|---|---|---|---|---|---|
| | 23h 10m | | | 87° 23′ | |
| 68,8 | 40s,99 M | 1 | 68,8 | 62",3 M | 1 |
| 68,8 | 41,05 G | 5 | 68,8 | 61,0 G | 5 |
| 69,6 | 41,06 M | 1 | 69,6 | 60,2 M | 1 |
| | | | 69,7 | 60,5 G | 1 |
| 71,8 | 41,01 M | 3 | 71,8 | 61,0 M | 5 |
| 71,9 | 41,00 G | 4 | 71,8 | 62,3 G | 2 |
| 72,5 | 41,10 M | 2 | 72,5 | 62,2 M | 2 |
| 72,8 | 41,06 G | 6 | 72,8 | 61,8 G | 1 |
| 73,8 | 41,04 M | 9 | 73,8 | 61,6 M | 9 |
| 73,8 | 41,08 G | 9 | 73,8 | 61,4 G | 4 |
| 74,8 | 41,03 M | 8 | 74,8 | 61,0 M | 7 |
| 74,8 | 41,11 G | 15 | 74,8 | 61,2 G | 18 |
| 75,7 | 41,10 M | 3 | 75,7 | 60,7 M | 3 |
| 75,9 | 41,01 G | 1 | 75,9 | 62,1 G | 1 |
| 76,0 | 41,11 M | 2 | 76,3 | 60,8 M | 3 |
| 76,8 | 41,10 G | 6 | 76,8 | 61,1 G | 5 |
| 77,7 | 41,03 M | 1 | 77,7 | 60,2 M | 3 |
| 77,7 | 41,12 G | 1 | | | |
| 78,7 | 41,06 M | 11 | 78,7 | 60,7 M | 10 |
| 78,7 | 41,06 G | 2 | 78,7 | 59,9 G | 1 |
| 78,8 | 41,11 J | 4 | 78,5 | 61,1 J | 5 |
| 79,7 | 41,05 M | 3 | 79,4 | 60,8 M | 3 |
| 79,8 | 41,09 G | 9 | 79,8 | 60,9 G | 8 |
| 79,8 | 41,05 J | 7 | 79,8 | 61,1 J | 6 |
| 80,7 | 41,13 M | 7 | 80,7 | 61,1 M | 8 |
| 80,8 | 41,12 G | 15 | 80,8 | 61,7 G | 13 |
| 80,8 | 41,10 J | 4 | 80,8 | 61,8 J | 6 |
| 81,6 | 41,09 M | 5 | 81,8 | 61,4 M | 5 |
| 81,8 | 41,08 G | 14 | 81,8 | 61,1 G | 14 |
| 81,8 | 41,04 J | 18 | 81,8 | 61,1 J | 9 |
| 76,6 | 41s,07 | | 76,6 | 61",2 | |

### 68 υ Pégase.

Mouv. propre adopté. { δAR = + 0s,015, δD = + 0",03.

I.

| Ép. moy. annuelle. | AR. | N. | Ép. moy. annuelle. | D. | N. |
|---|---|---|---|---|---|
| | 23h 17m | | | 67° 26′ | |
| 37,7 | 38s,98 G | 10 | 37,7 | 54",3 F | 7 |
| | | | 38,7 | 54,8 F | 1 |
| 40,7 | 38,99 G | 5 | 40,8 | 54,5 F | 1 |
| 41,6 | 38,92 G | 1 | | | |
| 43,6 | 38,97 G | 4 | 43,6 | 54,6 G | 2 |
| | | | 43,6 | 53,6 F | 3 |
| 46,7 | 38,99 G | 3 | | | |
| 47,0 | 39,00 G | 1 | | | |
| 49,8 | 38,88 G | 1 | | | |
| 50,8 | 38,94 G | 2 | | | |
| | | | 51,9 | 53,9 G | 1 |
| 43,5 | 38s,97 | | 41,8 | 54",2 | |

### 68 υ Pégase (suite).

II.

| Ép. moy. annuelle. | AR. | N. | Ép. moy. annuelle. | D. | N. |
|---|---|---|---|---|---|
| | 23h 18m | | | 67° 21′ | |
| | | | 54,8 | 57",2 G | 3 |
| 55,8 | 23s,76 G | 2 | 55,9 | 58,0 G | 2 |
| 56,7 | 23,61 G | 5 | 56,7 | 57,3 G | 1 |
| 57,7 | 23,75 G | 3 | 57,8 | 57,6 G | 1 |
| 58,5 | 23,66 G | 4 | 58,6 | 57,5 G | 4 |
| 59,8 | 23,75 G | 4 | 59,8 | 57,8 G | 5 |
| 60,9 | 23,74 G | 1 | 60,7 | 58,0 G | 1 |
| 61,9 | 23,69 G | 2 | 61,8 | 58,2 G | 1 |
| 62,7 | 23,69 G | 5 | | | |
| 63,7 | 23,67 M | 1 | 63,7 | 58,5 M | 2 |
| 63,8 | 23,69 G | 8 | 63,7 | 57,3 G | 1 |
| 64,7 | 23,68 M | 4 | 64,7 | 57,9 M | 12 |
| 64,7 | 23,67 G | 14 | 64,3 | 58,0 G | 3 |
| 65,7 | 23,67 M | 9 | 65,7 | 58,1 M | 10 |
| 65,8 | 23,69 G | 7 | 65,7 | 58,4 G | 4 |
| 66,9 | 23,73 M | 8 | 66,9 | 58,2 M | 7 |
| 67,8 | 23,67 M | 9 | 67,8 | 58,3 M | 9 |
| | | | 67,8 | 58,6 G | 5 |
| 62,7 | 23s,69 | | 62,6 | 58",0 | |

III.

| Ép. moy. annuelle. | AR. | N. | Ép. moy. annuelle. | D. | N. |
|---|---|---|---|---|---|
| | 23h 19m | | | 67° 17′ | |
| 68,8 | 8s,48 M | 7 | 68,8 | 1",3 M | 7 |
| 68,8 | 8,48 G | 5 | 68,8 | 1,7 G | 5 |
| 69,8 | 8,52 M | 1 | 69,8 | 0,7 M | 1 |
| 71,8 | 8,46 G | 1 | 71,8 | 1,1 G | 1 |
| 72,7 | 8,46 G | 4 | | | |
| 73,8 | 8,53 M | 2 | 73,8 | 1,4 M | 3 |
| 73,8 | 8,46 G | 3 | 73,8 | 2,0 G | 1 |
| 74,8 | 8,47 M | 7 | 74,8 | 1,3 M | 7 |
| | | | 74,8 | 2,0 G | 3 |
| 75,7 | 8,56 M | 2 | 75,7 | 1,1 M | 2 |
| | | | 75,9 | 2,6 G | 1 |
| | | | 77,7 | 1,3 M | 3 |
| 78,8 | 8,44 M | 2 | 78,8 | 0,7 M | 2 |
| 78,8 | 8,48 J | 2 | 78,8 | 1,1 J | 3 |
| 79,8 | 8,45 G | 5 | 79,8 | 1,6 G | 5 |
| 80,8 | 8,48 M | 3 | 80,8 | 1,4 M | 3 |
| 80,8 | 8,48 G | 8 | 80,8 | 0,6 G | 6 |
| 80,8 | 8,45 J | 4 | 80,8 | 1,5 J | 4 |
| 81,8 | 8,40 M | 1 | 81,8 | 2,3 M | 1 |
| 81,8 | 8,49 G | 3 | 81,8 | 1,4 G | 3 |
| 81,7 | 8,43 J | 1 | 81,7 | 1,6 J | 1 |
| 75,8 | 8s,48 | | 76,1 | 1",3 | |

### 8 κ Poissons.

Mouv. propre adopté. { δAR = + 0s,007, δD = + 0",10.

I.

| Ép. moy. annuelle. | AR. | N. | Ép. moy. annuelle. | D. | N. |
|---|---|---|---|---|---|
| | 23h 18m | | | 89° 35′ | |
| 37,7 | 59s,05 G | 1 | 37,7 | 31",6 F | 1 |
| 38,8 | 59,23 G | 1 | | | |
| 39,8 | 59,19 G | 3 | | | |
| 40,8 | 59,18 G | 3 | 40,9 | 32,4 F | 1 |
| 42,8 | 59,28 G | 8 | | | |
| 44,7 | 59,06 G | 2 | | | |
| 46,9 | 59,22 G | 1 | 46,9 | 31,8 G | 1 |
| 48,5 | 58,89 G | 1 | | | |
| | | | 51,7 | 32,9 G | 1 |
| 52,9 | 59,39 G | 1 | | | |
| 43,3 | 59s,17 | | 43,3 | 32",2 | |

II.

| Ép. moy. annuelle. | AR. | N. | Ép. moy. annuelle. | D. | N. |
|---|---|---|---|---|---|
| | 23h 19m | | | 89° 30′ | |
| 57,8 | 45s,34 G | 11 | 57,8 | 37",0 G | 4 |
| 58,8 | 45,29 G | 9 | 58,8 | 37,2 G | 7 |
| | | | 58,7 | 36,6 F | 1 |

### 8 κ Poissons (suite).

II (suite).

| Ép. moy. annuelle. | AR. | N. | Ép. moy. annuelle. | D. | N. |
|---|---|---|---|---|---|
| | 23h 19m | | | 89° 30′ | |
| 59,8 | 45s,28 G | 8 | 59,8 | 37",0 G | 5 |
| 60,8 | 45,32 G | 10 | 60,8 | 37,0 G | 6 |
| 61,8 | 45,28 G | 18 | 61,8 | 37,4 G | 12 |
| 62,8 | 45,27 G | 6 | 62,7 | 37,3 G | 4 |
| 63,7 | 45,35 M | 2 | 63,7 | 38,6 M | 1 |
| 64,8 | 45,36 M | 1 | 64,8 | 37,0 M | 1 |
| 65,4 | 45,31 M | 2 | 65,4 | 38,3 M | 2 |
| 66,7 | 45,28 M | 1 | 66,7 | 36,9 M | 1 |
| 66,8 | 45,31 G | 5 | 66,8 | 37,7 G | 3 |
| 67,8 | 45,26 M | 5 | 67,8 | 37,0 M | 5 |
| 62,1 | 45s,30 | | 62,3 | 37",3 | |

III.

| Ép. moy. annuelle. | AR. | N. | Ép. moy. annuelle. | D. | N. |
|---|---|---|---|---|---|
| | 23h 20m | | | 89° 25′ | |
| 68,7 | 31s,19 M | 1 | | | |
| 69,6 | 31,33 M | 1 | 69,6 | 41",8 M | 2 |
| 71,7 | 31,40 M | 3 | 71,7 | 41,7 M | 4 |
| 71,8 | 31,43 G | 3 | | | |
| 72,8 | 31,44 M | 2 | 72,8 | 42,6 M | 2 |
| 72,9 | 31,38 G | 1 | | | |
| 73,8 | 31,45 M | 11 | 73,8 | 42,7 M | 12 |
| 73,8 | 31,36 G | 1 | 73,8 | 42,3 G | 1 |
| 74,8 | 31,40 M | 5 | 74,8 | 42,1 M | 5 |
| 74,8 | 31,41 G | 16 | 74,8 | 42,5 G | 17 |
| 75,8 | 31,42 M | 1 | 75,8 | 41,5 M | 2 |
| 76,8 | 31,45 M | 3 | 76,8 | 41,8 M | 5 |
| 76,8 | 31,46 G | 3 | 76,8 | 42,2 G | 4 |
| 77,6 | 31,41 M | 4 | 77,7 | 41,6 M | 6 |
| 78,8 | 31,35 M | 9 | 78,8 | 41,8 M | 9 |
| 78,7 | 31,44 G | 1 | 78,8 | 41,9 J | 4 |
| 78,8 | 31,42 J | 4 | | | |
| 79,7 | 31,36 M | 4 | 79,7 | 41,1 M | 4 |
| 79,7 | 31,34 G | 3 | 79,7 | 42,4 G | 3 |
| 79,8 | 31,42 J | 9 | 79,8 | 41,8 J | 10 |
| 80,8 | 31,44 M | 8 | 80,8 | 42,1 M | 8 |
| 80,7 | 31,49 G | 3 | 80,8 | 42,2 G | 5 |
| 80,8 | 31,38 J | 3 | 80,8 | 42,4 J | 6 |
| 81,8 | 31,40 M | 4 | 81,8 | 42,6 M | 4 |
| 81,8 | 31,48 G | 13 | 81,8 | 42,2 G | 13 |
| 81,8 | 31,40 J | 5 | 81,8 | 42,7 J | 6 |
| 76,9 | 31s,41 | | 77,2 | 42",1 | |

### 17 ι Andromède.

Mouv. propre adopté. { δAR = + 0s,001, δD = − 0",03.

II.

| Ép. moy. annuelle. | AR. | N. | Ép. moy. annuelle. | D. | N. |
|---|---|---|---|---|---|
| | 23h 31m | | | 47° 30′ | |
| | | | 54,9 | 24",1 G | 2 |
| 55,7 | 16s,77 G | 1 | 55,8 | 23,9 G | 4 |
| | | | 56,8 | 23,3 G | 1 |
| | | | 59,9 | 24,2 G | 1 |
| | | | 60,8 | 24,6 G | 2 |
| 62,8 | 16,72 G | 3 | 62,8 | 24,9 G | 1 |
| 63,8 | 16,66 G | 7 | | | |
| 64,8 | 16,65 M | 14 | 64,8 | 23,4 M | 15 |
| 64,8 | 16,66 G | 13 | | | |
| 65,8 | 16,65 M | 6 | 65,7 | 23,9 M | 6 |
| 65,8 | 16,65 G | 4 | | | |
| 66,8 | 16,65 M | 7 | 66,8 | 24,6 M | 6 |
| | | | 66,9 | 23,9 G | 2 |
| 67,8 | 16,60 M | 9 | 67,8 | 24,0 M | 9 |
| | | | 67,8 | 24,8 G | 3 |
| 64,9 | 16s,66 | | 63,1 | 24",0 | |

III.

| Ép. moy. annuelle. | AR. | N. | Ép. moy. annuelle. | D. | N. |
|---|---|---|---|---|---|
| | 23h 32m | | | 47° 25′ | |
| 68,9 | 0s,50 M | 6 | 68,9 | 24",6 M | 6 |
| 68,8 | 0,48 G | 1 | | | |

**17 ι Andromède (suite).**

III (suite).

| Ép. moy. annuelle. | ℛ. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | $23^h 32^m$ | | | 47°25′ | |
| 69,8 | 0$^s$,26 M | 1 | 69,8 | 24$''$,4 M | 1 |
| 71,7 | 0,57 M | 2 | 71,7 | 24,8 M | 2 |
| 71,9 | 0,43 G | 2 | | | |
| 72,7 | 0,56 G | 1 | | | |
| 73,9 | 0,50 M | 2 | 73,9 | 26,0 M | 2 |
| 79,8 | 0,49 G | 3 | 79,9 | 26,3 G | 3 |
| | | | 80,8 | 25,8 G | 6 |
| 72,7 | 0$^s$,48 | | 74,6 | 25$''$,4 | |

**17 ι Poissons.**

Mouv. propre adopté. $\delta ℛ = +0^s,027$, $\delta 𝒟 = +0'',45$.

I.

| Ép. moy. annuelle. | ℛ. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | $23^h 31^m$ | | | 85°12′ | |
| 37,4 | 59$^s$,02 G | 3 | 37,7 | 48$''$,7 F | |
| 38,9 | 58,85 G | 1 | 38,8 | 48,5 F | 1 |
| 39,9 | 58,96 G | 1 | | | |
| 40,8 | 58,94 G | 7 | 40,8 | 48,2 F | 2 |
| 41,7 | 58,96 G | 5 | 41,7 | 47,9 F | 1 |
| 42,8 | 58,91 G | 8 | 42,8 | 48,1 F | 5 |
| 43,7 | 58,82 G | 18 | 43,7 | 48,1 G | 13 |
| | | | 43,6 | 48,7 F | 7 |
| 44,7 | 58,83 G | 9 | 44,9 | 47,6 G | 1 |
| 45,8 | 58,67 G | 4 | 45,7 | 47,1 G | 2 |
| 46,8 | 58,76 G | 18 | 46,8 | 47,7 G | 5 |
| | | | 46,7 | 47,8 F | 2 |
| 47,8 | 58,71 G | 15 | 47,8 | 49,1 G | 9 |
| | | | 47,8 | 48,4 F | 4 |
| 48,8 | 58,71 G | 20 | 48,8 | 47,7 G | 12 |
| | | | 48,9 | 49,2 F | 1 |
| 49,7 | 58,64 G | 8 | 49,8 | 47,7 G | 6 |
| 50,8 | 58,68 G | 10 | 50,8 | 47,9 G | 7 |
| | | | 50,8 | 48,3 F | 1 |
| 51,7 | 58,58 G | 6 | 51,9 | 47,4 G | 1 |
| 52,3 | 58,60 G | 7 | 52,8 | 46,9 G | 9 |
| | | | 52,7 | 46,2 F | 8 |
| 53,8 | 58,52 G | 3 | 53,7 | 47,3 G | 8 |
| | | | 53,7 | 46,4 F | 3 |
| 46,4 | 58$^s$,77 | | 47,0 | 47$''$,8 | |

II.

| Ép. moy. annuelle. | ℛ. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | $23^h 32^m$ | | | 85°7′ | |
| 54,7 | 44$^s$,98 G | 6 | 54,8 | 56$''$,0 G | 4 |
| 55,7 | 45,00 G | 14 | 55,8 | 55,2 G | 7 |
| 56,8 | 44,99 G | 30 | 56,8 | 55,8 G | 26 |
| 57,8 | 44,98 G | 29 | 57,8 | 55,8 G | 25 |
| 58,7 | 44,97 G | 32 | 58,7 | 55,6 G | 32 |
| | | | 58,7 | 55,3 F | 4 |
| 59,8 | 44,97 G | 16 | 59,8 | 55,3 G | 9 |
| 60,8 | 44,95 G | 11 | 60,8 | 56,0 G | 9 |
| 61,8 | 44,94 G | 23 | 61,8 | 55,6 G | 15 |
| 62,7 | 44,96 G | 11 | 62,8 | 56,0 G | 11 |
| 63,9 | 44,88 M | 1 | 63,9 | 56,0 M | 1 |
| 64,9 | 44,95 M | 1 | 64,9 | 54,7 M | 1 |
| 65,7 | 45,05 M | 3 | 65,7 | 55,4 M | 3 |
| 66,1 | 45,03 M | 1 | 66,1 | 55,5 M | 1 |
| 66,7 | 44,90 G | 4 | 66,8 | 56,2 G | 2 |
| 67,8 | 45,03 M | 4 | 67,8 | 56,3 M | 4 |
| 60,1 | 44$^s$,97 | | 60,2 | 55$''$,8 | |

III.

| Ép. moy. annuelle. | ℛ. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | $23^h 33^m$ | | | 85°3′ | |
| 68,8 | 31$^s$,23 M | 5 | 68,8 | 3$''$,7 M | 5 |
| | | | 68,8 | 3,3 G | 1 |
| 69,7 | 31,25 M | 5 | 69,7 | 4,0 M | 3 |
| 71,7 | 31,23 M | 6 | 71,8 | 3,8 M | 7 |

**17 ι Poissons (suite).**

III (suite).

| Ép. moy. annuelle. | ℛ. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | $23^h 33^m$ | | | 85°3′ | |
| 71,9 | 31$^s$,25 G | 3 | | | |
| 72,8 | 31,27 M | 3 | 72,7 | 3$''$,2 M | 4 |
| 72,9 | 31,22 G | 2 | | | |
| 73,8 | 31,19 M | 2 | 73,8 | 3,7 M | 3 |
| 73,9 | 31,21 G | 5 | 73,8 | 4,2 G | 2 |
| 74,8 | 31,20 M | 8 | 74,8 | 3,2 M | 9 |
| 74,8 | 31,25 G | 16 | 74,8 | 3,8 G | 18 |
| 75,8 | 31,20 M | 2 | 75,8 | 3,1 M | 2 |
| 76,5 | 31,22 M | 8 | 76,5 | 3,9 M | 7 |
| 76,8 | 31,17 G | 4 | 76,8 | 3,7 G | 4 |
| 77,6 | 31,24 M | 9 | 77,6 | 3,4 M | 11 |
| 78,6 | 31,23 M | 10 | 78,6 | 3,7 M | 10 |
| 78,8 | 31,19 G | 3 | 78,8 | 4,1 G | 4 |
| 79,5 | 31,21 M | 4 | 79,6 | 3,7 M | 4 |
| 79,8 | 31,19 G | 8 | 79,8 | 3,7 G | 6 |
| 79,9 | 31,21 J | 6 | 79,9 | 3,6 J | 5 |
| 80,8 | 31,28 M | 6 | 80,8 | 3,8 M | 6 |
| 80,8 | 31,22 G | 3 | 80,8 | 3,7 G | 3 |
| 80,8 | 31,16 J | 7 | 80,8 | 3,9 J | 8 |
| 81,8 | 31,26 M | 3 | 81,8 | 4,1 M | 4 |
| 81,8 | 31,16 G | 14 | 81,8 | 3,6 G | 14 |
| 81,8 | 31,26 J | 9 | 81,8 | 3,9 J | 11 |
| 76,5 | 31$^s$,22 | | 76,5 | 3$''$,7 | |

**35 γ Céphée.**

Mouv. propre adopté. $\delta ℛ = -0^s,018$, $\delta 𝒟 = -0'',15$.

I.

| Ép. moy. annuelle. | ℛ. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | $23^h 33^m$ | | | 13°13′ | |
| 37,7 | 2$^s$,04 G | 22 | 37,7 | 57$''$,5 F | 13 |
| 37,7 I | 2,18 G | 9 | | | |
| 38,7 | 2,16 G | 11 | 38,8 | 59,1 F | 5 |
| 38,6 I | 2,21 G | 18 | | | |
| 39,5 | 2,06 G | 28 | 39,6 | 57,5 F | 11 |
| 39,4 I | 2,16 G | 10 | 39,6 I | 55,1 F | 2 |
| 40,7 [1] | 2,07 G | 8 | 40,8 | 57,6 F | 2 |
| 40,6 I | 1,94 G | 2 | | | |
| 41,7 | 2,01 G | 9 | 41,6 | 58,3 F | 4 |
| 41,5 I | 1,97 G | 5 | 41,3 I | 56,9 F | 1 |
| 42,6 | 2,07 G | 5 | 42,6 | 58,1 F | 4 |
| 42,3 I | 2,01 G | 11 | 42,4 I | 57,7 F | 4 |
| 43,8 | 1,85 G | 6 | 43,7 | 56,8 G | 1 |
| | | | 43,7 | 58,9 F | 1 |
| 43,2 I | 2,17 G | 15 | 43,2 I | 54,1 F | 1 |
| 44,2 I | 1,97 G | 6 | 44,2 I | 56,2 G | 2 |
| 45,8 | 2,12 G | 4 | | | |
| 46,5 | 1,51 G | 2 | 46,4 | 56,3 G | 14 |
| 46,2 I | 1,90 G | 21 | | | |
| 47,4 | 2,05 G | 6 | 47,5 | 57,0 G | 3 |
| 47,2 I | 1,97 G | 17 | 47,4 I | 58,2 G | 4 |
| | | | 47,8 I | 56,2 F | 1 |
| 48,6 | 1,69 G | 2 | | | |
| 48,2 I | 2,11 G | 6 | | | |
| 49,6 | 1,85 G | 9 | 49,8 | 57,5 G | 2 |
| 49,2 I | 1,53 G | 2 | 49,2 I | 58,7 G | 1 |
| 50,9 | 2,26 G | 3 | 50,2 I | 57,4 G | 5 |
| 50,2 I | 1,72 G | 10 | 50,2 I | 57,2 F | 2 |
| 51,8 | 1,88 G | 1 | | | |
| 51,1 I | 2,47 G | 1 | | | |
| 52,8 | 2,17 G | 3 | 52,7 | 57,2 G | 5 |
| | | | 52,7 | 57,7 F | 8 |
| 52,2 I | 2,08 G | 4 | 52,2 I | 57,6 G | 6 |
| | | | 52,2 I | 56,9 F | 9 |
| 53,6 | 2,09 G | 8 | 53,7 | 57,6 F | 3 |
| 53,2 I | 1,85 G | 5 | 53,3 I | 56,3 F | 2 |
| 44,6 | 2,02 | | 45,2 | 57$''$,4 | |

**35 γ Céphée (suite).**

II.

| Ép. moy. annuelle. | ℛ. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | $23^h 33^m$ | | | 13°8′ | |
| | | | 54,7 | 55$''$,9 G | 6 |
| | | | 55,8 | 56,3 G | 7 |
| | | | 55,3 I | 55,5 G | 8 |
| 56,9 | 38$^s$,29 G | 1 | 56,3 | 56,4 G | 2 |
| 56,3 I | 37,99 G | 6 | 56,3 I | 56,0 G | 12 |
| 57,7 | 37,82 G | 2 | 57,5 | 56,0 G | 8 |
| | | | 57,3 I | 55,7 G | 6 |
| | | | 58,4 | 55,8 G | 6 |
| | | | 58,3 I | 55,9 G | 4 |
| 59 3 | 37,95 G | 2 | 59,6 | 57,0 G | 2 |
| | | | 59,3 I | 56,8 G | 5 |
| | | | 60,3 I | 56,0 G | 3 |
| 61,3 | 38,03 G | 2 | 61,4 | 56,0 G | 2 |
| | | | 62,0 | 55,6 G | 1 |
| | | | 62,3 I | 56,0 G | 4 |
| | | | 63,2 | 56,2 G | 6 |
| | | | 63,3 I | 56,0 G | 6 |
| 64,3 | 37,76 M | 1 | 64,3 | 55,8 M | 7 |
| | | | 64,3 | 55,9 G | 5 |
| 65,1 | 37,72 M | 2 | 65,2 | 55,7 M | 5 |
| | | | 65,7 | 56,0 G | 2 |
| | | | 66,3 | 56,0 M | 1 |
| 60,1 | 37$^s$,91 | | 59,8 | 56$''$,0 | |

[1] Avril 25, ℛ augmentée de 1$^s$,49 : erreur de réduction.

**δ Sculpteur.**

Mouv. propre adopté. $\delta ℛ = +0^s,009$, $\delta 𝒟 = +0'',10$.

II.

| Ép. moy. annuelle. | ℛ. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | $23^h 41^m$ | | | 118°54′ | |
| 58,7 | 37$^s$,64 G | 1 | | | |
| | | | 59,8 | 16$''$,4 G | 2 |
| 60,8 | 37,63 G | 1 | 60,8 | 16,5 G | 2 |
| 61,7 | 37,64 G | 6 | 61,9 | 16,1 G | 6 |
| | | | 62,7 | 15,5 G | 1 |
| | | | 63,7 | 16,3 M | 1 |
| 64,8 | 37,64 M | 10 | 64,8 | 16,9 M | 9 |
| 65,8 | 37,59 M | 11 | 65,8 | 16,1 M | 5 |
| 66,8 | 37,60 M | 4 | 66,8 | 15,9 M | 1 |
| | | | 66,9 | 16,9 G | 1 |
| 63,9 | 37$^s$,62 | | 63,5 | 16$''$,4 | |

III.

| Ép. moy. annuelle. | ℛ. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | $23^h 42^m$ | | | 118°49′ | |
| 71,7 | 24$^s$,64 M | 3 | 71,7 | 15$''$,5 M | 3 |
| 81,8 | 24,63 M | 1 | 81,8 | 17,6 M | 1 |
| 75,4 | 24$^s$,64 | | 75,4 | 16$''$,3 | |

**28 ω Poissons.**

Mouv. propre adopté. $\delta ℛ = +0^s,011$, $\delta 𝒟 = +0'',11$.

I.

| Ép. moy. annuelle. | ℛ. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | $23^h 51^m$ | | | 83°59′ | |
| 37,8 | 21$^s$,32 G | 4 | 37,8 | 40$''$,4 F | 1 |
| 38,7 | 21,33 G | 4 | 38,7 | 39,2 F | 1 |
| 39,8 | 21,28 G | 3 | | | |
| 40,8 | 21,32 G | 1 | | | |
| 41,8 | 21,17 G | 1 | | | |
| 42,8 | 21,31 G | 3 | | | |

## 28 ω Poissons (suite).

### I (suite).

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | 23h 51m | | | 83° 59′ | |
| 43,7 | 21s,21 G | 3 | 43,6 | 41",7 G | 3 |
| | | | 43,6 | 40,3 F | 1 |
| 44,7 | 21,05 G | 2 | 44,7 | 41,1 G | 1 |
| 45,9 | 21,26 G | 1 | 45,5 | 40,2 G | 1 |
| 46,7 | 21,28 G | 6 | 46,8 | 41,0 G | 2 |
| 47,9 | 21,24 G | 2 | 47,9 | 41,9 G | 1 |
| | | | 47,9 | 41,5 F | 1 |
| 42,7 | 21s,26 | | 44,0 | 41",0 | |

### II.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | 23h 52m | | | 83° 54′ | |
| 54,8 | 7s,39 G | 3 | 54,8 | 41",9 G | 5 |
| 55,9 | 7,44 G | 3 | 55,9 | 41,0 G | 2 |
| 56,8 | 7,38 G | 18 | 56,7 | 42,2 G | 5 |
| 57,7 | 7,35 G | 14 | 57,8 | 42,2 G | 13 |
| 58,7 | 7,36 G | 30 | 58,8 | 42,1 G | 25 |
| | | | 58,5 | 42,4 F | 3 |
| 59,8 | 7,36 G | 22 | 59,8 | 42,2 G | 23 |
| 60,8 | 7,34 G | 7 | 60,8 | 41,9 G | 4 |
| 61,8 | 7,33 G | 24 | 61,8 | 42,4 G | 15 |
| 62,8 | 7,37 G | 13 | 62,8 | 42,7 G | 9 |
| 63,7 | 7,37 M | 2 | 63,7 | 41,7 M | 1 |
| 63,8 | 7,38 G | 11 | | | |
| 64,8 | 7,36 M | 9 | 64,8 | 42,1 M | 11 |
| 64,8 | 7,39 G | 12 | | | |
| 65,7 | 7,35 M | 9 | 65,7 | 42,3 M | 8 |
| 65,8 | 7,39 G | 8 | | | |
| 66,8 | 7,33 M | 7 | 66,8 | 42,2 M | 6 |
| 66,7 | 7,34 G | 5 | 66,8 | 41,9 G | 3 |
| 67,7 | 7,31 M | 7 | 67,7 | 41,7 M | 7 |
| | | | 67,9 | 42,2 G | 3 |
| 61,5 | 7s,36 | | 61,4 | 42",1 | |

### III.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | 23h 52m | | | 83° 49′ | |
| 68,1 | 53s,59 M | 1 | 68,1 | 43",9 M | 1 |
| 68,8 | 53,54 G | 2 | 68,8 | 43,5 G | 3 |
| 69,7 | 53,48 M | 5 | 69,8 | 42,9 M | 3 |
| 71,9 | 53,55 M | 2 | 71,9 | 43,7 M | 2 |
| 71,9 | 53,54 G | 2 | 71,9 | 43,3 G | 1 |
| 72,6 | 53,50 M | 3 | 72,5 | 43,9 M | 2 |
| 72,8 | 53,53 G | 2 | 72,8 | 44,3 G | 1 |
| 73,7 | 53,54 M | 16 | 73,7 | 43,4 M | 15 |
| 73,8 | 53,57 G | 6 | 73,8 | 43,6 G | 7 |
| 74,8 | 53,52 M | 9 | 74,8 | 43,4 M | 9 |
| 74,8 | 53,54 G | 4 | 74,8 | 43,6 G | 8 |
| 75,8 | 53,51 M | 4 | 75,8 | 43,1 M | 5 |
| 75,9 | 53,56 G | 2 | 75,9 | 43,9 G | 3 |
| 76,5 | 53,51 M | 7 | 76,6 | 42,4 M | 11 |
| 76,8 | 53,51 G | 5 | 76,8 | 43,4 G | 7 |
| 77,8 | 53,50 M | 11 | 77,8 | 43,1 M | 10 |
| 78,5 | 53,51 M | 13 | 78,6 | 42,8 M | 14 |
| 78,7 | 53,50 G | 5 | 78,7 | 43,6 G | 3 |
| 78,8 | 53,51 J | 8 | 78,8 | 43,5 J | 7 |
| 79,8 | 53,53 M | 7 | 79,8 | 43,2 M | 7 |
| 79,8 | 53,50 G | 10 | 79,8 | 43,5 G | 10 |
| 79,8 | 53,54 J | 5 | 79,8 | 43,8 J | 5 |
| 80,8 | 53,57 M | 8 | 80,8 | 44,0 M | 8 |
| 80,8 | 53,47 G | 13 | 80,8 | 43,6 G | 13 |
| 80,7 | 53,56 J | 10 | 80,7 | 43,2 J | 11 |
| 81,7 | 53,56 M | 8 | 81,7 | 43,4 M | 13 |
| 81,8 | 53,51 G | 10 | 81,8 | 43,9 G | 11 |
| 81,8 | 53,57 J | 12 | 81,8 | 43,3 J | 16 |
| 76,7 | 53s,52 | | 76,8 | 43",4 | |

## 30 Poissons.

Mouv. propre adopté. { δ𝒜 = + 0s,003, δ𝒟 = + 0",04.

### I.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | 23h 54m | | | 96° 52′ | |
| 37,7 | 0s,58 G | | 37,8 | 31",3 F | 2 |
| | | | 38,8[1] | 30,0 F | 1 |
| 39,8 | 0,54 G | 3 | | | |
| 41,8 | 0,74 G | 1 | | | |
| 42,8 | 0,59 G | 6 | | | |
| 46,8 | 0,63 G | 1 | | | |
| 47,0 | 0,44 G | 1 | | | |
| 51,9 | 0,35 G | 1 | 51,9 | 32,3 F | 1 |
| 52,9 | 0,70 G | 1 | | | |
| 44,1 | 0s,57 | | 42,1 | 31",2 | |

### II.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | 23h 54m | | | 96° 47′ | |
| 54,8 | 46s,71 G | 5 | 54,9 | 31",8 G | 3 |
| 55,8 | 46,72 G | 3 | 55,8 | 31,8 G | 3 |
| 56,8 | 46,70 G | 12 | 56,3 | 31,8 G | 3 |
| 57,7 | 46,68 G | 9 | 57,7 | 31,1 G | 2 |
| 58,8 | 46,74 G | 7 | 58,7 | 31,6 G | 2 |
| | | | 58,7 | 30,9 F | 1 |
| 59,8 | 46,71 G | 5 | 59,7 | 31,6 G | 2 |
| 60,8 | 46,69 G | 7 | 60,8 | 32,3 G | 5 |
| 61,7 | 46,76 G | 14 | 61,9 | 32,2 G | 2 |
| 62,7 | 46,71 G | 1 | | | |
| 65,9 | 46,70 M | 1 | 65,9 | 32,9 G | 1 |
| 66,9 | 46,90 G | 1 | | | |
| 67,8 | 46,87 M | 2 | 67,8 | 32,3 G | 2 |
| 59,8 | 46s,73 | | 59,6 | 31",9 | |

### III.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | 23h 55m | | | 96° 42′ | |
| 68,7 | 33s,01 M | 2 | 68,7 | 30",3 M | 2 |
| 69,7 | 32,76 M | 1 | 69,7 | 31,3 M | 1 |
| 71,8 | 32,93 M | 1 | 71,8 | 31,8 M | 2 |
| 71,8 | 32,90 G | 1 | 71,8 | 32,1 G | 1 |
| 72,9 | 32,85 G | 1 | 72,8 | 30,4 G | 1 |
| 73,8 | 32,88 M | 12 | 73,8 | 31,1 M | 12 |
| 73,8 | 32,93 G | 5 | 73,8 | 31,7 G | 2 |
| 74,8 | 32,87 M | 4 | 74,9 | 31,5 M | 2 |
| 74,8 | 32,88 G | 2 | 74,8 | 31,4 G | 2 |
| 75,9 | 32,97 M | 1 | 75,9 | 31,2 M | 2 |
| 75,9 | 32,88 G | 2 | 75,9 | 31,0 G | 1 |
| 76,9 | 32,95 M | 2 | 76,8 | 30,8 M | 6 |
| 76,8 | 32,87 G | 6 | 76,8 | 31,3 G | 2 |
| 77,8 | 32,92 M | 3 | 77,8 | 30,9 M | 5 |
| 78,7 | 32,91 M | 11 | 78,7 | 30,7 M | 13 |
| 78,7 | 32,93 G | 1 | | | |
| 78,8 | 32,90 J | 7 | 78,8 | 31,4 J | 8 |
| 79,8 | 32,82 M | 6 | 79,8 | 30,9 M | 6 |
| 79,8 | 32,95 G | 4 | 79,8 | 31,8 G | 3 |
| 79,8 | 32,88 J | 6 | 79,8 | 31,5 J | 5 |
| 80,8 | 32,84 M | 7 | 80,8 | 31,7 M | 7 |
| 80,9 | 32,89 G | 1 | 80,9 | 32,6 G | 1 |
| 80,8 | 32,97 J | 8 | 80,8 | 31,7 J | 8 |
| 81,7 | 32,87 M | 7 | 81,7 | 32,0 M | 7 |
| 81,8 | 32,87 G | 7 | 81,8 | 31,9 G | 8 |
| 81,8 | 32,90 J | 8 | 81,8 | 31,6 J | 11 |
| 77,2 | 32s,84 | | 77,2 | 31",3 | |

[1] Septembre 3, 𝒟 diminuée de 10′.

## 2 Baleine.

Mouv. propre adopté. { δ𝒜 = + 0s,001, δ𝒟 = − 0",01.

### I.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | 23h 55m | | | 108° 11′ | |
| 37,6 | 47s,73 G | 9 | 37,7 | 54",8 F | 5 |
| 38,7 | 47,78 G | 4 | 38,7 | 53,1 F | 1 |
| 39,6 | 47,67 G | 2 | | | |
| 40,8 | 47,67 G | 5 | 40,8 | 57,5 F | 2 |
| 41,7 | 47,54 G | 1 | | | |
| 44,7 | 47,79 G | 4 | 44,7 | 56,3 G | 1 |
| | | | 44,7 | 55,8 F | 1 |
| 45,9 | 47,69 G | 1 | 45,9 | 56,3 G | 1 |
| 46,8 | 47,67 G | 6 | 46,9 | 56,6 G | 2 |
| | | | 46,9 | 57,4 F | 1 |
| 47,6 | 47,74 G | 3 | 47,4 | 56,8 G | 2 |
| 48,8 | 47,75 G | 5 | 48,7 | 56,8 G | 2 |
| 49,8 | 47,79 G | 12 | 49,8 | 55,9 G | 5 |
| 50,8[1] | 47,73 G | 13 | 50,8 | 56,3 G | 9 |
| | | | 50,9 | 55,2 F | 1 |
| 51,9 | 47,71 G | 5 | | | |
| 52,8 | 47,85 G | 3 | 52,7 | 55,4 G | 7 |
| | | | 52,7 | 55,2 F | 8 |
| 53,6 | 47,70 G | 4 | 53,8 | 55,8 G | 9 |
| | | | 53,8 | 56,2 F | 6 |
| 46,4 | 47s,73 | | 48,0 | 56",0 | |

### II.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | 23h 56m | | | 108° 6′ | |
| 54,8 | 33s,88 G | 2 | 54,7 | 54",0 G | 3 |
| 55,7 | 33,72 G | 1 | 56,0 | 53,4 G | 1 |
| 56,8 | 33,92 G | 12 | 56,5 | 56,6 G | 3 |
| 57,7 | 33,87 G | 3 | 57,7 | 52,3 G | 1 |
| | | | 58,9 | 54,2 F | 1 |
| 59,9 | 33,96 G | 2 | 59,8 | 55,8 G | 4 |
| 61,8 | 33,88 G | 2 | 61,8 | 54,1 G | 1 |
| 64,8 | 33,90 M | 9 | 64,8 | 55,3 M | 8 |
| 65,8 | 33,85 M | 3 | 65,8 | 54,5 M | 3 |
| 66,8 | 33,88 M | 2 | 66,8 | 55,5 M | 2 |
| | | | 67,0 | 55,8 G | 1 |
| 60,6 | 33s,89 | | 61,4 | 54",9 | |

### III.

| Ép. moy. annuelle. | 𝒜. | N. | Ép. moy. annuelle. | 𝒟. | N. |
|---|---|---|---|---|---|
| | 23h 57m | | | 108° 1′ | |
| 73,8 | 20s,06 M | 9 | 73,8 | 54",2 M | 10 |
| 73,8 | 20,21 G | 1 | 73,8 | 55,3 G | 1 |
| 75,9 | 19,95 M | 1 | 75,9 | 55,1 M | 1 |
| 76,8 | 20,10 G | 3 | 76,8 | 54,7 G | 2 |
| 77,8 | 20,04 M | 6 | 77,8 | 54,0 M | 5 |
| 78,8 | 20,08 M | 1 | 78,8 | 55,2 M | 1 |
| 78,7 | 20,06 G | 3 | 78,7 | 53,6 G | 2 |
| 79,8 | 20,05 G | 6 | 79,8 | 54,9 G | 3 |
| 79,8 | 20,15 J | 1 | 79,8 | 54,1 J | 1 |
| 80,7 | 20,15 M | 1 | 80,7 | 54,0 M | 1 |
| 80,7 | 20,14 G | 1 | 80,7 | 53,1 G | 1 |
| 80,8 | 20,02 J | 2 | 80,8 | 54,2 J | 3 |
| 81,8 | 19,97 M | 4 | 81,8 | 53,8 M | 8 |
| 81,8 | 20,04 J | 6 | 81,8 | 55,1 J | 6 |
| 78,3 | 20s,05 | | 78,4 | 54",3 | |

[1] Novembre 10, 𝒜 augmentée de 1s,80 : erreur de transcription.

# REMARQUES ET RECTIFICATIONS

## RELATIVES A L'ENSEMBLE DES QUATRE VOLUMES DES *POSITIONS OBSERVÉES DES ÉTOILES.*

### (CATALOGUE DE L'OBSERVATOIRE DE PARIS.)

Ce Tableau contient toutes les remarques et rectifications relatives aux matières contenues dans les quatre Volumes des *Positions observées,* reproduisant, en les modifiant quand il y a lieu, toutes celles qui ont déjà été publiées dans les trois premiers Volumes, et donnant en outre toutes celles dont la nécessité a été constatée depuis.

TOME I ($0^h$ à $6^h$).

| Pages. | Numéros. | |
|---|---|---|
| 2, | 15P, | Période III, *au lieu de* G, *lire* M pour les deux observations. |
| 3, | 32P, | *au lieu de* 81 10-12, *lire* 81 10-17. |
| 3, | 43P, | *au lieu de* 67 9-29, *lire* 67 11-29. |
| 4, | 75P, | 74 10-28, 𝔇 a été diminuée de 1°. |
| 6, | 110P, | supprimer l'étoile. La réduction en 𝔇 est entièrement erronée; l'étoile observée est 127P. |
| 7, | 127P, | 40 2-21 l, *lire* 𝔇 = 37°14′17″,8 F; ajouter G à l'observation de Æ. |
| 8, | 175P, | par comparaison avec trois observations de Bonn, on a trouvé que notre Æ était trop forte de $1^s$. Aucune erreur dans la réduction. |
| 11, | 230P, | *lire* Æ $26^s,08$ : l'Æ doit être diminuée de $1^s$ : erreur de moyenne. |
| 12, | 261P, | *au lieu de* 80 10-29, *lire* 81 10-29. |
| 13, | 275P, | *au lieu de* 𝔇 augmentée de 1′, *lire* 𝔇 diminuée de 1′. |
| 14, | 296P, | *au lieu de* $9^s,45$, *lire* $8^s,32$; Æ doit être diminuée de $1^s,13$; erreur de réduction. |
| 14, | 299P, | *lire* 44 10-28. |
| 15, | 330P, | Période II, *au lieu de* 64°25′, *lire* 64°15′. C'est à tort que 𝔇 a été augmentée de 10′. — Période III, *au lieu de* 64°20′, *lire* 64°10′. |
| 17, | 372P, | *au lieu de* $3^s,95$, *lire* $4^s,02$. |
| 18, | 389P, | *au lieu de* 57 17-11, *lire* 57 11-17. |
| 20, | 434P, | l'observation de 𝔇 est à supprimer. |
| 21, | 448P, | 80 11-20, *au lieu de* $54^s,61$, *lire* $54^s,73$. |
| 22, | 475P, | 81 10-4 : Æ a été diminuée de $1^m$. |
| 24, | 521P, | III, *au lieu de* 74 10-13, *lire* 74 10-14. |
| 25, | 533P, | Période III, retrancher $0^s,10$ à toutes les Æ : erreur dans la précession employée. |
| 26, | 575P, | *au lieu de* 67 11-18, *lire* 67 11-28. |
| 28, | 605P, | les quatre observations qui suivent 40 10-29 se rapportent à l'année 1846. |
| 32, | 714P, | supprimer la note à l'observation de 48 9-20 : 𝔇 n'a pas été corrigée. |
| 33, | 730P, | Période II, *lire* 57 10-24 et 59 11-14. |
| 34, | 755P, | Période III, instrument, *lire* J *au lieu de* G : Æ a été diminuée de $1^m$. |
| 34, | 760P, | l'observation en 𝔇 de 81 10-16 doit être reportée à 81 10-19. |
| 35, | 764P, | *au lieu de* $4^s,77$, *lire* $4^s,74$. |
| 35, | 769P, | 54 12-11, 𝔇 a été diminuée de 10° : erreur de réduction. |
| 37, | 835P, | 81 11-12, *au lieu de* $58^s,58$, *lire* $58^s,65$. |
| 40, | 893P, | *au lieu de* 62 10-27, *lire* 62 11-7. |
| 42, | 947P, | *au lieu de* 71 10-11, *lire* 71 10-10. |
| 42, | 949P, | 81 10-15, *au lieu de* $12^s,91$, *lire* $11^s,91$; sur le cahier de l'observateur : erreur probable de $1^s$. — 81 10-16, *au lieu de* $12^s,99$, *lire* $11^s,60$ : erreur de $1^s$ dans la moyenne et de $0^s,39$ dans la réduction. |
| 42, | 953P, | l'observation de 53 5-1 est un PI. |
| 43, | 969P, | 44 5-12 : Æ a été augmentée de $1^m$. |
| 43, | 975P, | *au lieu de* 56 8-26, *lire* 46 8-26, et *au lieu de* 42 12-11, *lire* 52 12-11. |
| 45, | 1020P, | 81 10-25, *au lieu de* $42^s,85$, *lire* $42^s,78$. |
| 46, | 1050P, | *au lieu de* 58 10-28, *lire* 58 11-28. |
| 47, | 1060P, | 81 10-18, *au lieu de* $29^s,80$, *lire* $29^s,64$. |
| 48, | 1098P, | 81 11-18, *au lieu de* $55^s,91$ et 7″,7, *lire* respectivement $55^s,87$ et 6″,7. |
| 52, | 1188P, | 72 4-10, *au lieu de* G, *lire* M. |
| 53, | 1192P, | 48 10-5, *au lieu de* G, *lire* F. |
| 53, | 1200P, | *au lieu de* 1595 L, *lire* 1595-96 L. |
| 54, | 1210P, | (suite), en tête, *au lieu de* II, *lire* I. |
| 54, | 1214P, | *au lieu de* $0^h48^m$, *lire* $0^h49^m$. |

| Pages. | Numéros. | |
|---|---|---|
| 54, | 1230 P, | 𝒟, *au lieu de* 11″,2 J, *lire* 31″,2 J. |
| 55, | 1249 P, | *au lieu de* 162 A + 6°, *lire* 162 A + 26°. |
| 56, | 1260 P, | 81 10-25, *au lieu de* 17ˢ,58, *lire* 17ˢ,92. |
| 57, | 1274 P, | *au lieu de* 46 12-14, *lire* 46 11-14. |
| 57, | 1296 P, | Période II, *au lieu de* 75° 18′, *lire* 65° 18′. |
| 59, | 1331 P, | 57 11-11, *au lieu de* 37ˢ,30, *lire* 36ˢ,30 : Æ diminuée de 1ˢ, erreur de moyenne. |
| 61, | 1377 P, | 81 11-28, *au lieu de* 59ˢ,54, *lire* 59ˢ,50. |
| 61, | 1378 P, | 57 10-13, *au lieu de* 18ˢ,37, *lire* 18ˢ,97 : Æ augmentée de 0ˢ,60, erreur de 1ˢ sur 3 fils. |
| 61, | 1381 P, | 57 10-13, *au lieu de* 31ˢ,31, *lire* 31ˢ,91 : Æ augmentée de 0ˢ,60, erreur de 1ˢ sur 3 fils. |
| 61, | 1387 P, | Supprimer toutes les observations de Æ dont la réduction est entièrement erronée et qui se rapportent réellement à 1389 P. |
| 61, | 1389 P, | Ajouter à l'Æ de la période I, les observations suivantes : |

| | | $0^h 57^m$ | | | $0^h 57^m$ |
|---|---|---|---|---|---|
| 51 | 10-20 | 5ˢ,89 G | 51 | 12-13 | 5ˢ,78 G |
| | 11- 2 | 5,86 G | | 12-28 | 5,88 G |
| | 11-14 | 5,79 G | | 12-29 | 5,94 G |

| Pages. | Numéros. | |
|---|---|---|
| 62, | 1405 P, | 58 11-10, *au lieu de* G, *lire* F. |
| 62, | 1406 P, | *au lieu de* 71 9-17 et 74 9-14, *lire respectivement* 71 11-17 et 74 11-14. |
| 63, | 1417 P, | 81 10-25, 10-29 et 10-30, *lire respectivement* 50ˢ,60, 50ˢ,42 et 50ˢ,45. |
| 65, | 1463 P, | 66 10-16, *au lieu de* 29″,2, *lire* 30″,2. |
| 65, | 1466 P, | 𝒟 trop faible de 10′; l'étoile est 154 Sf. – 3°. |
| 67, | 1522 P, | *au lieu de* 2017-08 L, *lire* 2107-08 L. |
| 70, | 1596 P, | 81 10-25, *au lieu de* G, *lire* M. |
| 71, | 1626 P, | *au lieu de* 2316 P, *lire* 2316 L. |
| 72, | 1639 P, | *au lieu de* 78 11-9, *lire* 78 11-19. |
| 75, | 1703 P, | 37 1-11, *au lieu de* 12″,9, *lire* 8″,4. |
| 75, | 1719 P, | *au lieu de* 81 19-11, *lire* 81 11-19. |
| 75, | 1720 P, | *au lieu de* 58° 23′, *lire* 58° 53′. |
| 76, | 1728 P, | *au lieu de* $1^h 15^m$. *lire* $1^h 14^m$ et *supprimer* l'Æ de 40 10-10. |
| 77, | 1771 P, | remplacer la note inscrite par la suivante : Ces observations sont d'accord avec 307 $W_1$. L'observation d'Æ n'existe pas dans le manuscrit de Lalande, où la minute seule est inscrite. Baily a réduit dans la supposition que le chiffre des secondes était 0. |
| 77, | 1774 P, | *au lieu de* 71 10-5, *lire* 71 11-5. |
| 78, | 1789 P, | *au lieu de* 2609 L, *lire* 2609-10 L. |
| 79, | 1811 P, | 79 11-12, *au lieu de* 34ˢ,55, *lire* 35ˢ,15. |
| 80, | 1832 P, | Période II, *au lieu de* 6 11-27, *lire* 67 11-27. |
| 82, | 1870 P, | Période II, *au lieu de* 8 11-10, *lire* 58 11-10. |
| 84, | 1920 P, | note, *au lieu de* Æ augmentée de 9ˢ, *lire* 𝒟 augmentée de 9″. |
| 84, | 1936 P, | Période III, *au lieu de* 61° 42′, *lire* 61° 24′. |
| 85, | 1953 P, | Période I, les trois observations ont été faites pendant le mois d'octobre. |
| 86, | 1973 P, | note, *au lieu de* 𝒟 augmentée de 1′, *lire* 𝒟 diminuée de 1′. |
| 86, | 1977 P, | *au lieu de* 905 Br., *lire* 205 Br. |
| 88, | 2020 P, | note, *lire* différence de 8′ avec Lalande. |
| 90, | 2054 P, | 81 11-19 : 𝒟 a été augmentée de 10° : erreur d'impression. |
| 91, | 2091 P, | 38 10-4 𝒟, *lire* 31″.9. |
| 94, | 2146 P, | *au lieu de* 56 11-15, *lire* 56 11-5. |
| 94, | 2164 P, | le renvoi se rapporte à l'observation de 12-24 G et non pas à celle de 12-24 J. |
| 98, | 2239 P, | *au lieu de* 58 11-13, *lire* 59 11-13. |
| 99, | 2267 P, | 63 11-27 : Æ a été diminuée de $1^m$. |
| 100, | 2295 P, | *au lieu de* 56 12-26, *lire* 56 12-16. |
| 103, | 2356 P, | *au lieu de* 54 12-29, *lire* 54 11-29. |
| 104, | 2383 P, | *au lieu de* l'année 89, *lire* 81 pour les deux observations. |
| 108, | 2484 P, | 81 11-6, Æ a été diminuée de $1^m$. |
| 109, | 2503 P, | *au lieu de* 3721 L, *lire* 3721 et 24 L. |
| 110, | 2532 P, | 42 1-7, supprimer l'observation de P. |
| 111, | 2551 P, | *au lieu de* 58 10-21, *lire* 58 10-11. |
| 111, | 2557 P, | *lire* 3760, 62, 63 et 65 L. Baily a noté par erreur 3764 comme γ Andromède. C'est le compagnon observé le même jour que γ Andromède. |
| 112, | 2558 P, | *au lieu de* 3767 L, *lire* 3764 et 67 L. |
| 113, | 2582 P, | 71 11-18, Æ a été augmentée de $1^m$. |
| 114, | 2618 P, | *au lieu de* 71 11-2, *lire* 71 12-2. |
| 115, | 2633 P, | *au lieu de* 20ˢ,40, *lire* 20ˢ,20. |
| 116, | 2667 P, | *au lieu de* 20ˢ,70, *lire* 29ˢ,70. |
| 117, | 2695 P, | 45 10-15, *au lieu de* 24ˢ,10, *lire* 24ˢ,23. |
| 120, | 2749 P, | *au lieu de* 78 12-9, *lire* 78 12-19. |

| Pages. | Numéros. | |
|---|---|---|
| 122, | 2779 P, | reporter à 59 11-21 l'observation de 𝒫 inscrite à 59 11-23. |
| 122, | 2786 P, | 71 11-17, Æ a été diminuée de $1^m$. |
| 123, | 2809 P, | 58 12-27, à l'observation de 𝒫 *lire* G *au lieu de* F. |
| 123, | 2813 P, | 𝒫 se rapporte à 48 10-27. |
| 123, | 2815 P, | 50 1-2, à l'observation 𝒫, *au lieu de* F, *lire* G. |
| 124, | 2831 P, | *au lieu de* 59 11-8, *lire* 59 11-18. |
| 124, | 2840 P, | *au lieu de* 26°33', *lire* 26°23'. |
| 124, | 2845 P, | *lire* 4248, 50 et 52 L. |
| 124, | 2854 P, | *au lieu de* 48 1-8, *lire* 48 12-8. |
| 125, | 2879 P, | *au lieu de* 71 12-2, *lire* 71 12-4. |
| 126, | 2901 P, | 42 12-14, *au lieu de* $51^s,03$, *lire* $50^s,83$. |
| 126, | 2903 P, | Période III, *au lieu de* $1^h 13^m$, *lire* $2^h 13^m$. |
| 129, | 2970 P, | *au lieu de* 4330 à 32 L, *lire* 4430 à 32 L. |
| 131, | 3009 P, | (suite), en tête, *au lieu de* 23°19', *lire* 23°17'. Les observations de 52 3-21, 3-22; 53 1-18, 1-21 et 1-24 sont faites au PI. L'observation de 53 2-12 est faite au PS. |
| 136, | 3109 P, | *au lieu de* 71 11-29, *lire* 71 11-19. |
| 137, | 3135 P, | 37 11-6, 𝒫 a été diminuée de 5', et *au lieu de* 22",8, *lire* 23",0; *au lieu de* 61 11-26, *lire* 61 12-26. |
| 137, | 3142 P, | 42 12-1, *au lieu de* $44^s,36$, *lire* $44^s,46$. |
| 141, | 3220 P, | 53 1-15, Æ a été diminuée de $1^m$. |
| 141, | 3224 P, | *au lieu de* $34^s,23$, *lire* $24^s,23$. |
| 141, | 3234 P, | 57 10-28, *au lieu de* 36",9, *lire* 50",5 : 𝒫 augmentée de 13",6, erreur de moyenne. |
| 142, | 3258 P, | ajouter à II les positions suivantes comprises dans le Catalogue : 59 12-7, $52^s$,12 G, 45",1 G. |
| 143, | 3275 P, | 51 11-13 et 12-30, *au lieu de* F, *lire* G. |
| 143, | 3288 P, | 45 11-3, *au lieu de* $32^s,51$, *lire* $32^s,44$. |
| 145, | 3314 P, | *au lieu de* 45 10-26, *lire* 45 10-16. |
| 145, | 3333 P, | *au lieu de* 66 12-18, *lire* 66 12-8. |
| 147, | 3377 P, | *au lieu de* 5083 L, *lire* 5083 et 85 L. |
| 147, | 3381 P, | 𝒫, *au lieu de* 54",6, *lire* 44",6. |
| 148, | 3395 P, | *au lieu de* 5128-29 L, *lire* 5128-29 et 32 L. |
| 149, | 3426 P, | les observations de 53 1-18 et 1-21 sont faites au PI. |
| 150, | 3450 P, | 48, 12-8, à l'observation de 𝒫, *au lieu de* F, *lire* G. |
| 151, | 3459 P, | *au lieu de* 61 12-23, *lire* 61 11-23. |
| 151, | 3460 P, | *au lieu de* 56 11-27, *lire* 56 12-27. |
| 152, | 3491 P, | 47 10-6, *au lieu de* F, *lire* G. |
| 154, | 3529 P, | 42 11-17, 𝒫 a été diminuée de 5'. |
| 157, | 3596 P, | *au lieu de* 75 12-16, *lire* 75 12-17. |
| 158, | 3628 P, | *au lieu de* $2^h 52^m$ *lire* $2^h 51^m$. |
| 159, | 3647 P, | 47 12-7, Æ a été diminuée de $1^m$. |
| 159, | 3667 P, | Différence de 20" avec deux observations de Bonn. |
| 161, | 3705 P, | L'observation de 53 1-18 est faite au PI. |
| 162, | 3736 P, | 𝒫 est en erreur de 7" par comparaison avec positions de Weisse$_1$ et d'Albany. |
| 163, | 3754 P, | *au lieu de* $6^s 85$, *lire* $6^s 25$ : erreur de $1^s$ sur 3 fils. Notée la plus basse. |
| 164, | 3793 P, | *au lieu de* 56 20-25, *lire* 56 10-25. |
| 165, | 3799 P, | *au lieu de* II, *lire* I. |
| 166, | 3826 P, | 80 1-12, *au lieu de* G, *lire* J à l'observation de 𝒫. |
| 167, | 3850 P, | L'observation de 46 6-17 a été faite au PI. |
| 167, | 3854 P, | La note se rapporte à 39 9-25 et non à 39 9-23. |
| 167, | 3869 P, | 41 12-3, l'Æ n'a pas été comprise dans la moyenne. *Voir* la note à l'étoile 4038 P. |
| 168, | 3869 P, | 53 11-4, l'Æ n'a pas été comprise dans la moyenne. |
| 170, | 3912 P, | *au lieu de* 46 11-26, *lire* 46 11-28. |
| 170, | 3924 P, | 46 12-27, Æ a été diminuée de $2^m$. |
| 171, | 3946 P, | 38 10-4, 𝒫 a été diminuée de 15'; *au lieu de* 55",8, *lire* 55",3. |
| 171, | 3952 P, | L'observation de 52 2-10 G a été faite au PS. |
| 172, | 3958 P, | 39 11-11, *au lieu de* 2",6, *lire* 7",6 : erreur de 5" dans la moyenne des microscopes. |
| 173, | 3994 P, | *au lieu de* 62 11-12, *lire* 62 12-12. |
| 173, | 3999 P, | *au lieu de* 80 11-31, *lire* 80 12-31. |
| 174, | 4014 P, | 69 12-15, *au lieu de* G, *lire* M. |
| 175, | 4055 P, | *au lieu de* $3^h 58^m$, *lire* $3^h 18^m$. |
| 176, | 4059 P, | 57 11-11, *au lieu de* $6^s,92$, *lire* $5^s,92$. |
| 176, | 4067 P, | *au lieu de* $24^s,52$, *lire* $23^s,41$. |
| 179, | 4145 P, | 37 1-11, *au lieu de* G, *lire* F. |
| 180, | 4182 P, | 81 11-19, *au lieu de* G, *lire* M. |
| 181, | 4187 P, | 61 12-23, *au lieu de* M, *lire* G. |
| 181, | 4189 P, | *au lieu de* 72 1-8, *lire* 72 1-18. |
| 183, | 4232 P, | 81 12-1, *au lieu de* G, *lire* M. |

| Pages. | Numéros. | |
|---|---|---|
| 184, | 4254P, | 60 1-12, *lire* 𝔇 16″,1. 𝔇 diminuée de 5″ : erreur de moyenne. |
| 186, | 4316P, | *au lieu de* 67 11-12, *lire* 67 1-12. |
| 187, | 4326P, | 60 1-12, *lire* 𝔇 54″,7. 𝔇 diminuée de 5″ : erreur de moyenne. |
| 188, | 4358P, | *au lieu de* $11^s$,25 et $11^s$,18, *lire respectivement* $11^s$,24 et $11^s$,17. |
| 188, | 4360P, | *au lieu de* $12^s$,59, *lire* $13^s$,59 : sur le cahier de l'observateur : *erreur probable de* $1^s$. |
| 191, | 4423P, | la note doit être ainsi rectifiée : il y a une erreur de 1° dans la délinaison inscrite au Tome V. |
| 191, | 4437P, | Période II, 𝔇 paraît trop faible de 15″. Nous n'avons pas trouvé d'erreur dans la réduction de l'observation. |
| 192, | 4463P, | Supprimer cette étoile. |
| 193, | 4474P, | note, *au lieu de* voir à 3869P, *lire* voir à 4038P. |
| 193, | 4480P, | ajouter l'observation suivante : 58 11-11 $50^s$,49G; Æ augmentée de $1^m$ : erreur de transcription. |
| 195, | 4524P, | Période III, *au lieu de* $3^h43^m$, *lire* $3^h44^m$. |
| 196, | 4534P, | *au lieu de* 53 11-28, *lire* 53 10-28. |
| 198, | 4596P, | Période I, 𝔇, *au lieu de* 68°58′, *lire* 67°58′. |
| 199, | 4615P, | 48 10-23, Æ a été diminuée de $5^m$; l'erreur de $5^m$ existait également dans l'observation de γ Éridan. |
| 201, | 4673P, | *lire* 41 1-23. |
| 204, | 4727P, | 81 12-18, *au lieu de* G, *lire* J. |
| 204, | 4729P, | 81 7-31, *au lieu de* G, *lire* J. |
| 207, | 4802P, | 79 12-6, *au lieu de* $15^s$,64, *lire* $15^s$,91. Æ augmentée de $0^s$,27, erreur de réduction. |
| 208, | 4809P, | l'observation de 52 2-15 a été faite au PS et non au PI. |
| 212, | 4896P, | *au lieu de* $47^s$,64, *lire* $48^s$,64. |
| 213, | 4930P, | Période III, *au lieu de* 106°34′, *lire* 100°34′. |
| 214, | 4962P, | *au lieu de* 56 11-27, *lire* 56 12-27. |
| 221, | 5112P, | *au lieu de* 60 11-15, *lire* 60 11-14. |
| 223, | 5158P, | Période II, *au lieu de* 16″,0, *lire* 36″,0. |
| 223, | 5175P, | *au lieu de* 57 12-29, *lire* 57 12-19. |
| 223, | 5201P, | 67 12-13 et 12-24, *au lieu de* G, *lire* M. |
| 226, | 5236P, | 47 1-25, *lire* 47 1-15. |
| 228, | 5286P, | 67 12-12, *lire* 67 1-12. |
| 229, | 5318P, | *au lieu de* 41″,4, *lire* 35″,8. |
| 229, | 5331P, | 𝔇, *au lieu de* 45″,5, *lire* 25″,5. 𝔇 diminuée de 20″ : erreur commise en corrigeant de la différence entre la position du fil mobile et celle du fil fixe. |
| 231, | 5370P, | 57 2-1, *lire* 58 2-1. |
| 236, | 5472P, | 42 12-15, *au lieu de* 53″,2, *lire* 48″,2. |
| 237, | 5504P, | 61 1-6, Æ a été augmentée de $1^m$. |
| 243, | 5637P, | 52 2-23, l'observation a été faite au PS; *au lieu de* 52 2-25, *lire* 52 2-24 pour les deux observations. |
| 245, | 5671P, | 60 2-11, 𝔇, *au lieu de* G, *lire* F. |
| 246, | 5699P, | 81 2-11, *lire* 81 2-1. |
| 247, | 5739P, | 59 2-23, *au lieu de* 53″,1, *lire* 47″,9. |
| 248, | 5741P, | note, *au lieu de* 𝔇 diminuée de 20″, *lire* 𝔇 diminuée de 1′20″. |
| 248, | 5756P, | 63 1-28, 𝔇 a été augmentée de 5′. |
| 250, | 5795P, | 58 11-22, Æ a été diminuée de $1^m$. |
| 251, | 5813P, | 58 12-29, 𝔇 a été diminuée de 5′. |
| 252, | 5831P, | 46 12-1, *lire* 46 12-7. |
| 252, | 5842P, | 60 12-17, *au lieu de* $52^s$,59, *lire* $53^s$,59. |
| 252, | 5843P, | Les 4 observations en 𝔇 inscrites en 1853 ont été faites aux mêmes dates de l'année 1852. |
| 254, | 5883P, | *au lieu de* $4^h89^m$, *lire* $4^h58^m$. |
| 254, | 5889P, | 𝔇, *au lieu de* 2″,6G, *lire* 12″,6G. |
| 258, | 5975P, | *au lieu de* Æ diminuée de $1^m$, *lire* Æ augmentée de $1^m$. |
| 258, | 5978P, | 72 2-10, *lire* 72 2-11. |
| 260, | 6024P, | 75 1-21, *lire* 75 1-11. |
| 263, | 6094P, | 60 2-5, *lire* 60 2-25. |
| 270, | 6289P, | 58 2-10, *au lieu de* G, *lire* F. |
| 271, | 6314P, | L'observation en 𝔇 a été faite à la date 50 6-23 I. |
| 275, | 6386P, | note, *au lieu de* 𝔇 augmentée de 1′, *lire* 𝔇 diminuée de 1′. |
| 277, | 6431P, | Æ, *au lieu de* $5^h52^m$, *lire* $5^h26^m$, et 𝔇, *au lieu de* 90°22′, *lire* 90°21′. |
| 278, | 6472P, | *au lieu de* 788A + 9°, *lire* 888A + 9°. |
| 281, | 6552P, | 𝔇, *lire* 92°41′. |
| 282, | 6570P, | colonne Année, *au lieu de* 6, *lire* 69. |
| 285, | 6643P, | 𝔇 a été diminuée à tort de 1′ dans le volume des observations. Cette erreur a été rectifiée dans les Positions observées, mais on a omis de signaler cette correction. |
| 288, | 6731P, | 𝔇, *au lieu de* 12″,5G, *lire* 2″,5G. Double erreur : l'une de 6″ commise en passant de la position du fil mobile à celle du fil fixe; l'autre, de 4″, dans la réduction. |
| 289, | 6737P, | 60 2-17, 𝔇, *au lieu de* G, *lire* F. |
| 290, | 6757P, | 𝔇, *au lieu de* 36″,2, *lire* 31″,7. 𝔇 diminuée de 4″,5 : erreur commise en passant de la position du fil mobile à celle du fil fixe. |

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292, 6796 P, 11005 L, *lire* respectivement pour les 𝔇 60",0, 59",9 et 60",4. Cette étoile est identique avec 6781 P. 1022 $W_1$. La réduction de Baily est erronée de 20$^s$ en Æ.

294, 6856 P, C'est la position de la Période II qui est exacte.

295, 6865 P, *au lieu de* 882 A + 9°, *lire* 982 A + 9°.

295, 6873 P, 59 2-26, *lire* 59 2-23.

299, 6965 P, Période III, *au lieu de* 5$^h$43$^m$, *lire* 5$^h$48$^m$.

301, 7037 P, 𝔇 doit être probablement diminuée de 5' : l'étoile serait alors identique avec 7056 P.

302, 7051 P, 72 1-20, 𝔇, *au lieu de* 40",1, *lire* 46",1. 𝔇 augmentée de 6" : erreur dans le micromètre inscrit.

303, 7073 P, L'observateur d'Æ indique une correction de — 1$^s$ comme probable. Notre Æ est trop forte de 0$^s$,60 par comparaison avec la position au Catalogue de Bonn.

309, 7228 P, l'observation en 𝔇 de 47 2-20 doit être reportée à 47 2-19.

315, 27 γ Cassiopée, l'observation 𝔇 48,4 Fortin est faite au passage inférieur.

316, 43 β Andromède, notes, au lieu de mai 12, *lire* août 12.

323 26 β Persée (Algol). Mouvement propre adopté, *au lieu de* 𝔇 = + 0",02, *lire* 𝔇 = — 0",02.

## TOME II (6$^h$ à 12$^h$).

8, 7425 P, l'observation de 59 2-3 se rapporte bien à 1341 Sf — 3°.

14, 7577 P, 81 1-10, *au lieu de* 29$^s$,65, *lire* 31$^s$,23 : erreur de 1$^s$,58 dans la moyenne.

16, 7648 P, l'étoile est 12190 Lal.

25, 7874 P, 57 2-14, 𝔇, *au lieu de* 12",9, *lire* 19",5; III, *au lieu de* 85°23', *lire* 85°22', 𝔇 devant être diminuée de 1'.

59, 8804 P, 𝔇, *au lieu de* 61° 1', *lire* 61° 17'.

135, 10591 P, L'observation de 57 3-26 doit être rejetée. La comparaison avec le Catalogue Berlin B montre que l'observation de 57 3-16 est exacte.

147, 10875 P, *au lieu de* 11422 à 24 L, *lire* 17422 à 24 L.

171, 11395 P, *au lieu de* 49°53', *lire* 48°53'.

255, 13257 P, *au lieu de* 10$^h$51$^m$, *lire* 10$^h$41$^m$.

272, 13637 P, 81 3-25, *au lieu de* 33",6, *lire* 53",6.

276, 13721 P, 37 3-11 *au lieu de* 32",8, *lire* 28",9.

319, 14689 P, 58 5-6, 𝔇, *au lieu de* 19",7, *lire* 15",4.

331, 78 β Gémeaux 1844, 4 Æ, *au lieu de* 49$^s$,48, *lire* 49$^s$,40.

## TOME III (12$^h$ à 18$^h$).

21, 15191 P, Période II. Æ, *au lieu de* 32$^s$,94, *lire* 32$^s$,56.

104, 16963 P, *au lieu de* 34$^s$,46, *lire* 34$^s$,91.

112, 17148 P, L'étoile est 25848 L., la position donnée dans l'*Histoire céleste* devant être diminuée de 5$^m$ d'après Argelander.

141, 17752 P, *Supprimer* les renvois (3) placés par erreur aux dates 80 5-8 et 5-14.

181, 18639 P, Période I, *au lieu de* 16",5 F, *lire* 23,0 F.

214, 19339 P, 67 6-28, *au lieu de* 16$^s$,62, *lire* 17$^s$,12 : Æ augmentée de 0$^s$,50, erreur de 1$^s$ sur les 3 premiers fils.

255, 20192 P, Période II, Æ 59 6-18, *au lieu de* 59$^s$,54 G, *lire* 59$^s$,82 G.

266, 20419 P, Période III, 81 7-11, *au lieu de* 3",5 G, *lire* 3",7 G.

288, 20878 P, Période III, 81 7-11, *au lieu de* 53",6 G, *lire* 54",0 G.

408, 77 ε Grande Ourse, Mouv. pr. δ𝔇, *au lieu de* — 0",06, *lire* + 0",06.

421, 16 ζ Petite Ourse, Période II, Æ, 1855,5, *au lieu de* 9$^s$,18, *lire* 8$^s$,49; 57,8 I, *au lieu de* 9$^s$,99, *lire* 8$^s$,64 : moyenne, *au lieu de* 8$^s$,47, *lire* 8$^s$,36.

425, 23 τ Scorpion, Mouv. pr. δÆ, *au lieu de* + 0$^s$,005, *lire* 0$^s$,000.

427, 22 ζ Dragon, Mouv. pr. δ𝔇, *au lieu de* + 0",15, *lire* — 0",11.

427, 30 Scorpion, Mouv. pr. δÆ, *lire* = — 0$^s$,036.

## TOME IV (18$^h$ à 24$^h$).

60, 24668 P, Période II, *au lieu de* 19$^h$39$^m$, *lire* 18$^h$39$^m$.

120, 26047 P, 53 1-24 I, *au lieu de* 28$^s$,58, *lire* 29$^s$,66.

142, 26562 P, Période II, *au lieu de* 19$^h$51$^m$, *lire* 19$^h$31$^m$.

162, 27009 P, Toutes les Æ de la Période I doivent être augmentées de 0$^s$,50 : erreur de précession.

169, *au lieu de* 21765 P, *lire* 27165 P.

184, 27515 P, Période III, *au lieu de* 20$^h$0$^m$, *lire* 20$^h$1$^m$.

240, 28833 P, *au lieu de* Période III, *lire* Période II.

326, 30809 P, dans la note 2, *au lieu de* toute la série IV, *lire* toute la série LV.

360, 31561 P, l'étoile est identique avec 2935 Bradley (Auwers).

360, 31565 P, l'étoile est 3709 Gr. et non pas 2935 Br.

365, 31650 P, *au lieu de* 42299-300 L, *lire* 43299-300 L.

485, 34283 P, 67 10-22, *au lieu de* 3$^s$,01, *lire* 2$^s$,77 et *au lieu de* 53",0, *lire* 53",9.

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FIN DU TOME IV ET DERNIER.

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